Expertise, our source of energy

SAFETY
& RELIABILITY
FOR ELECTRICAL
POWER

# PRODUCT CATALOG

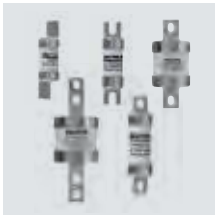
EP.MERSEN.COM

# ELECTRICAL PROTECTION & CONTROL

DIFFERENTIATING GLOBAL PLATFORM
OF ELECTRICAL POWER COMPONENTS
FOR POWER DISTRIBUTION AND POWER CONTROL APPLICATIONS

## 4 GLOBAL PRODUCT LINES

### IEC Fuses & Fusegear


BS88-2 fuses (gG, gM, gS)

Cylindrical FR fuses (gG, aM)

NH fuses (aM, gG, gTr)

D/DO fuses (aM, gG)

HelioProtection® gPV Fuses

HelioProtection® NH gPV

Modulostar® Cylindrical
FR Fuse Holders

Linocur®, Innozed®, Neokit®
DIN DO Fusegear

MULTIBLOC® Horizontal
NH Fuse Switch Disconnector

MULTIVERT® Vertical
NH Fuses Switch Disconnector

Low Voltage Switches

DIN and French Standard High
Voltage Fuses

### UL/CSA Fuses & Fusegear

Class J

HSJ High-speed Fuses

CC-Midget

Medium Voltage Controllable Fuse

Medium Voltage

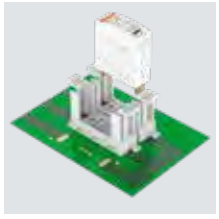
### Surge Protection

UL SPD

Outdoor LED Lighting Protection

IEC SPD Pluggable

IEC SPD Non-pluggable


PCB surge protection base

# SOLUTIONS FOR POWER MANAGEMENT

## ADVANCED PASSIVE & HYBRID COMPONENTS FOR INVERTER AND BATTERY STORAGE POWER MANAGEMENT

## 4 GLOBAL PRODUCT LINES

### Power Transfer for Rail Vehicles

Earth Current Return Units

Fuse Box

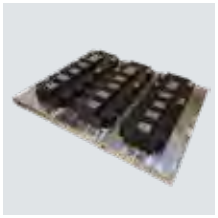
3rd rail Current Collector Device

Surge Arresters

On-board Switch

### Cooling

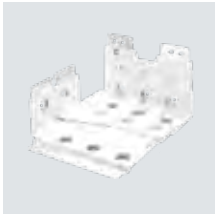
Air cooling



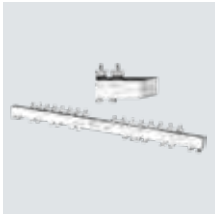
Liquid Cooling Cold Plate

Heatpipes

### Bus Bars



Busbar for power converter and inverter, high voltage, high T°, low inductance



Multilayer Laminated busbar for power distribution

Busbar with monitoring feature for battery connection

### Power capacitors

Electrolytic and film Capacitors, busbar-cap assemblies

### Over current protection for semiconductors & batteries: high speed fuses & hybrid devices

Square & Cylindrical fuses

Round American fuses

High-performance fuses

Rotating fuses

BS88-4 fuses

NH fuses

Xp & Xs hybrid devices

Custom design fuses

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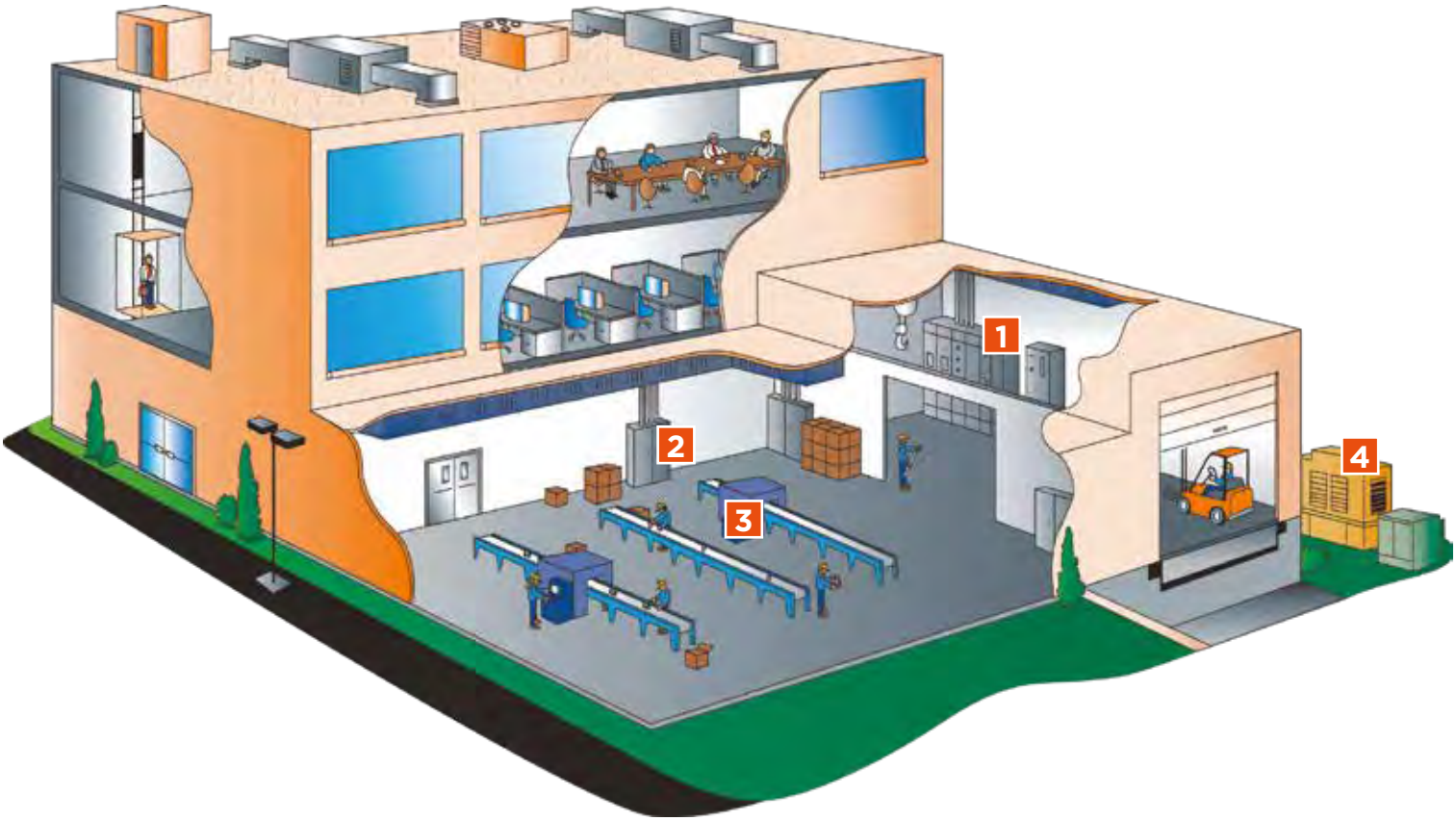
# Keeping industry safe with electrical protection products that mitigate arc flash hazards




It's your responsibility to protect your people and equipment. The explosive energies reached during an arc flash – intense heat, thermoacoustic shock wave, molten metal, shrapnel, blinding light, toxic smoke – can cause severe, often fatal, injuries to workers even several feet away. It's imperative that your electrical systems are protected — and Mersen electrical protection components can provide the peace of mind you need to keep your employees and equipment safe.

## 1 POWER DISTRIBUTION

IEC FR Standard

IEC DIN Standard

IEC DIN Standard

IEC BS Standard

IEC SPDs

## 2 MOTOR CONTROL CENTER

IEC FR Standard

IEC DIN Standard

IEC BS Standard

## 3 MACHINE CONTROL AND MOTOR PROTECTION

High Speed Fuses, Cooling et Busbar

## 4 MV/LV TRANSFORMER SUBSTATION

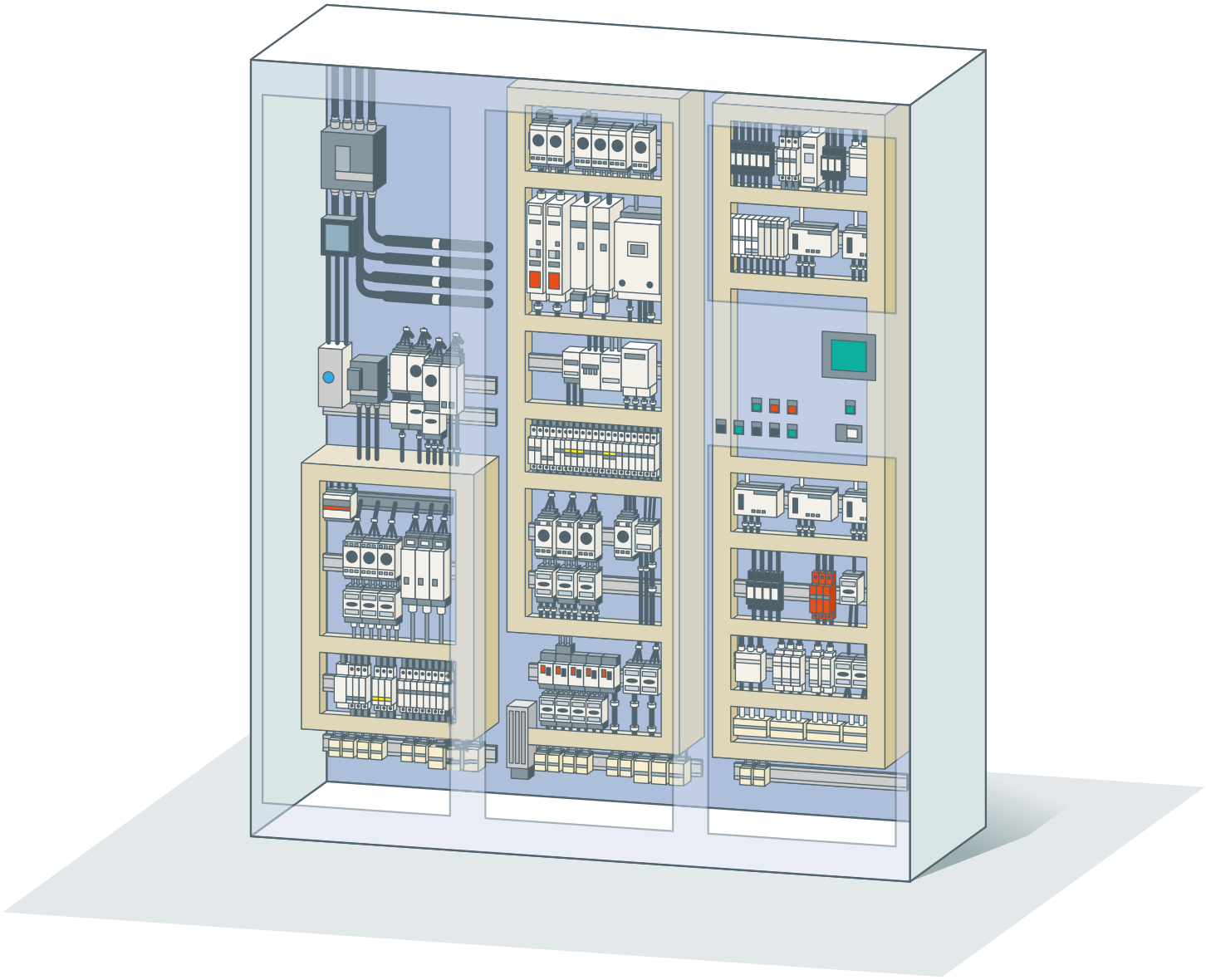
HV fuses DIN & FR Standard

Fuse switch disconnector

gTr fuses

# Mersen electrical components protect your buildings from the ground up

Count on Mersen to provide the electrical protection components that are integral to safe operation of your building's electrical systems. Whether it's to safely disconnect circuits during an emergency, fuses with high interrupting ratings, or surge protection to protect from overcurrent or overvoltage events originating inside or outside your building, Mersen has the products you need to keep your systems safe.



## LV FUSE-LINKS, FUSE-HOLDERS, FUSE-SWITCH

IEC FR Standard

IEC DIN Standard

IEC BS Standard

## LOAD BREAK SWITCH & DISCONNECT SWITCH

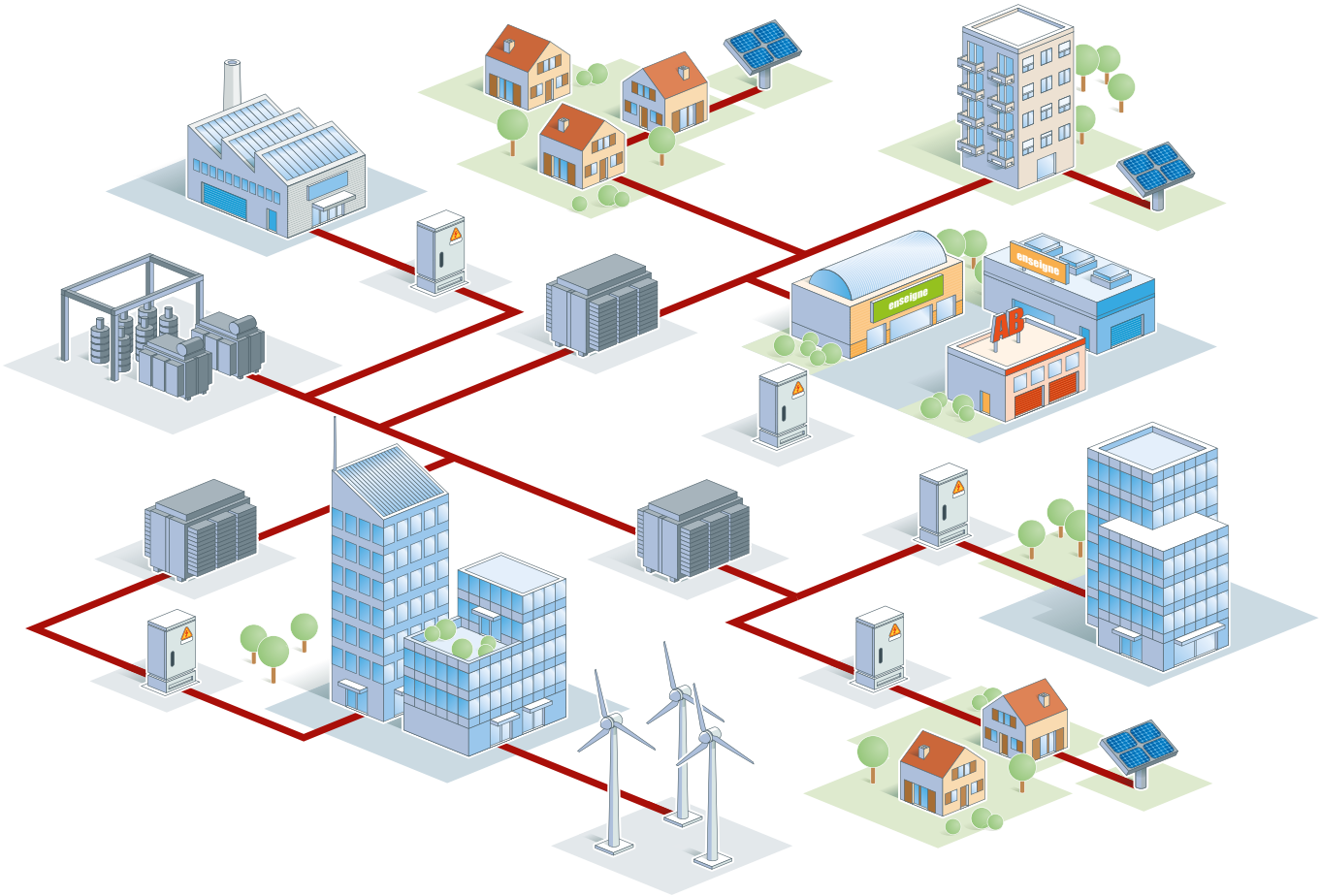
Switch Fuse Disconnect

Fuse Switch Disconnect

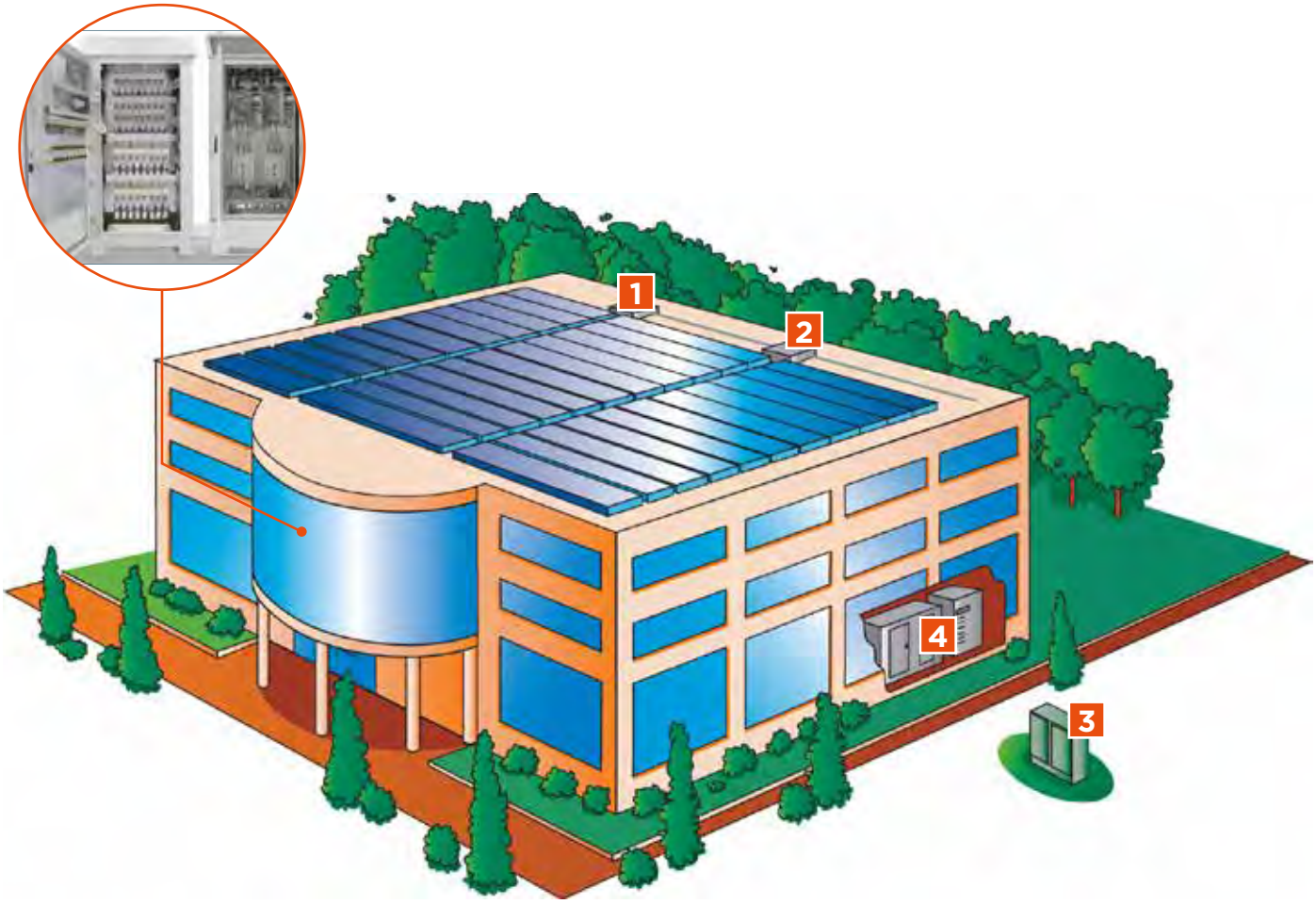
## SURGE PROTECTION DEVICES

# Electrical Utility Distribution network
# Protect - Disconnect - Switch - Monitor

- Medium voltage Transformer substation
- Low voltage Public Distribution cabinet / Feeder pillars

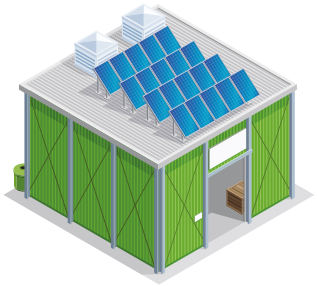


# Protect your solar power investment with components specifically designed for for roof top PV applications



## Residential 5 to 36kW

Mersen is a trusted partner of electrical equipment distributors and played a leadership role in solar power circuit protection long before the boom reached the residential market, i.e. for private homes, small apartment buildings and farm buildings.



## Commercial and Industrial 36 to 250kW

The walls and roofs of buildings - office towers, factories, malls and warehouses - are among the preferred supports for solar power systems. Architects and developers have grasped the importance of this energy revolution, and more of them are recommending “green” solutions.

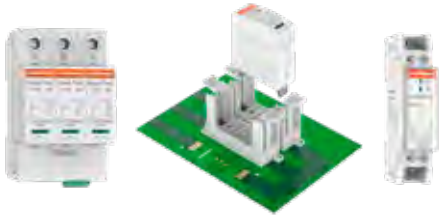
# FOCUS PRODUCTS FOR SOLAR ROOF TOP PROJECTS

## 1 COMBINER BOX AT STRING AND ARRAY LEVEL

gPV fuse-links and fuse-holders

DC switches

Surge Protection Devices



## 2 RECOMBINER BOX ON DC SIDE OF INVERTER

Surge protection devices

gPV fuse-links NH

DC switches

## 3 UTILITY ELECTRICAL CABINET

Surge protection

Fuse Switch Disconnectos & Fuse-links

## 4 AC ELECTRICAL PANEL BOARD

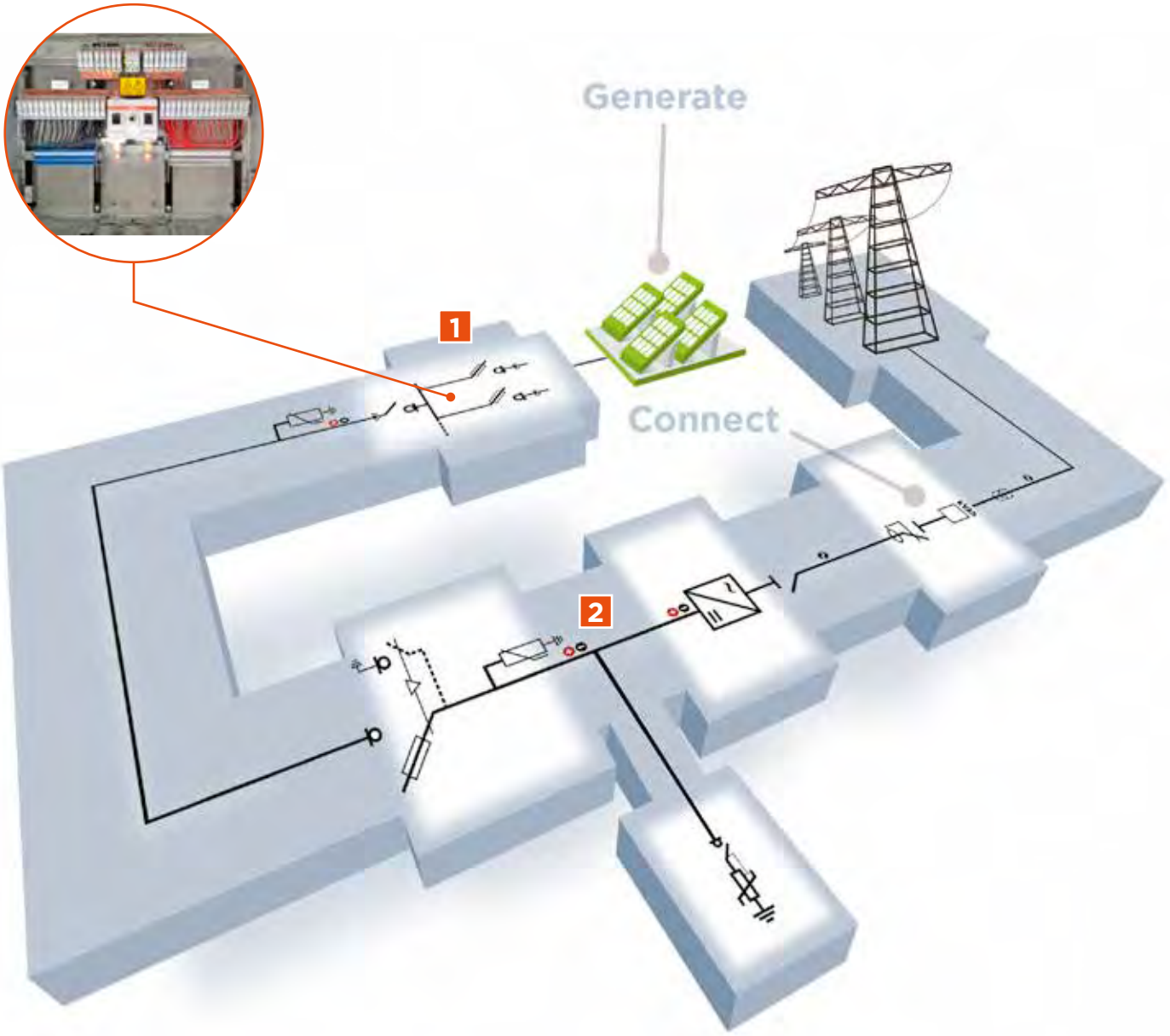
Surge protection devices

## 5 DC/AC INVERTER

High Speed Fuses, Cooling and Busbar

Mersen
Expertise, our source of energy

# Protect your solar power investment with components specifically designed for solar plant PV applications



## Utility and Solar Farm Over 250kW

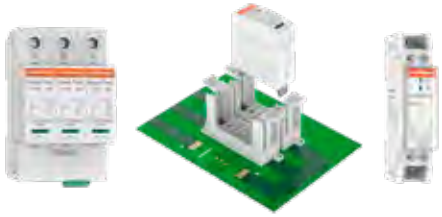
In this type of application, the architecture is centered on an automatic monitoring and control system. Mersen caters to this critical market with electrical protection that safely and reliably protects the solar power investment.

## 1 COMBINER BOX AT STRING OR ARRAY LEVEL

gPV fuse-links and fuse-holders

DC switches

Surge Protection Devices



## 2 RECOMBINER BOXAT CENTRAL INVERTER LEVEL

DC Surge protection devices

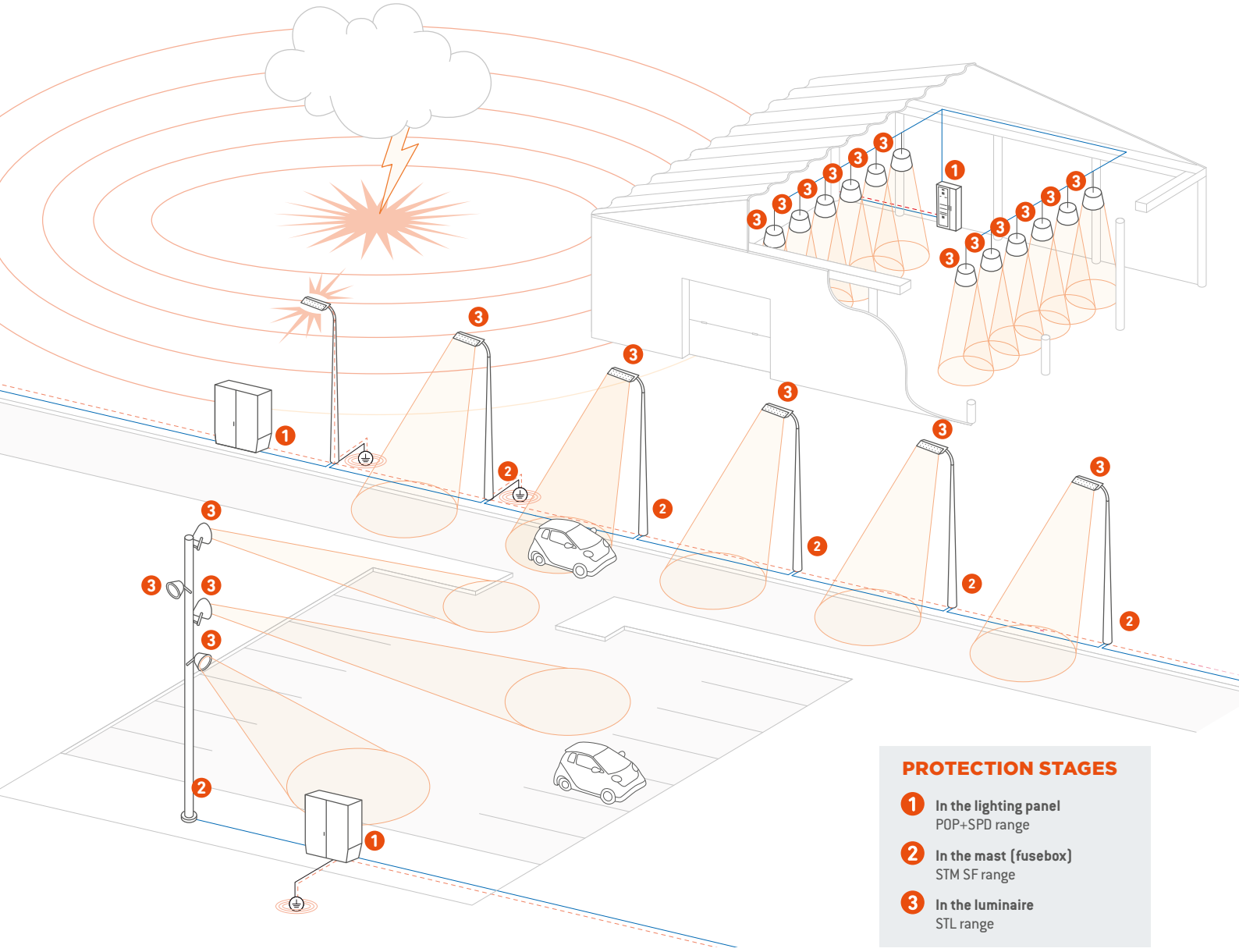
DC switches

gPV fuse-links and bases

## 3 DC/AC INVERTER

High Speed Fuses, Cooling and Busbar

# Focus Product for Street & LED Lighting



**PROTECTION STAGES**

1. **In the lighting panel**
   POP+SPD range
2. **In the mast (fusebox)**
   STM SF range
3. **In the luminaire**
   STL range

1

Overvoltage Protection
First stage (In the panel)

2

Fuse Box

Surge Protection
In the mast (fusebox)

Fuses
In the mast (fusebox)

3

Surge Protection
In the luminaire (OEM / retrofit)

# Components designed to protect your e-mobility power applications

PDU: Power Distribution Unit
BDU: Battery Disconnect Unit
MSD: Maintenance Safety Disconnect
OCPD: Over Current Protection Device
SPD: Surge Protective Device

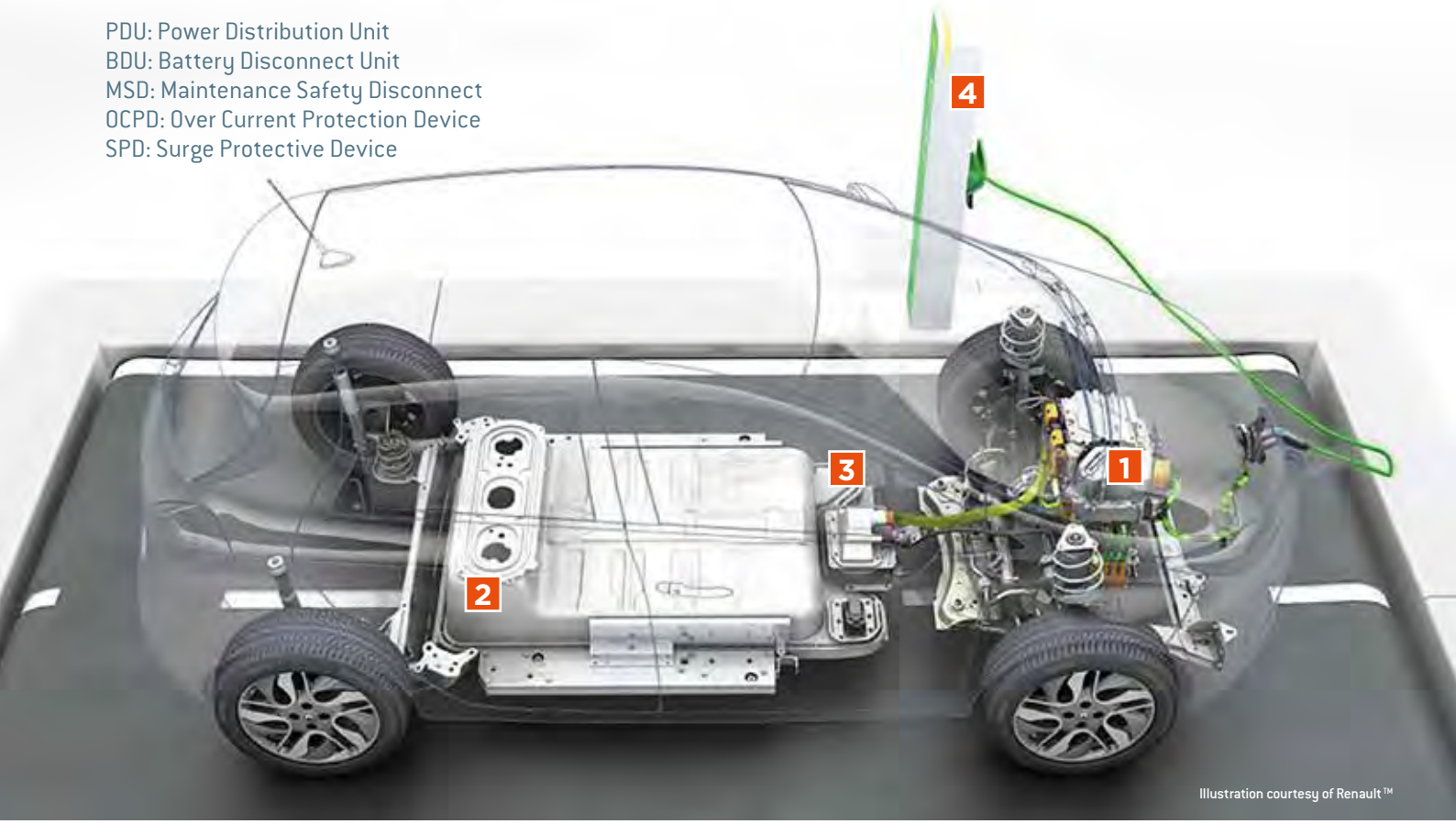



Illustration courtesy of Renault™

With the continuous growth of DC battery-related applications on mobile platforms such as Electric Vehicles, comes the need for better operation, management, and protection of such loads.

**Protection and Operation:** Mersen has developed a broad range of DC Over Current Protection (OCP) devices, based upon incumbent DC fuse technology as well as disruptive hybrid approach (pyro-technique and semiconductor based) designed to safely clear both high and low DC fault currents to help protect the vehicle electronics and occupants. Mersen Surge Protective Devices bring an additional layer of protection in case of overvoltage faults within the electrical systems. Hybrid DC Power Relays by Mersen can safely switch high DC voltage loads with superior cycling capability.

**Management:** Electric vehicle battery monitoring laminated bus bars from Mersen incorporate power and monitoring signals into a single compact and reliable platform, improving the safe operation of onboard batteries. Custom designed robust, reliable, and compact vacuum brazed cold plates are a must for cooling batteries as well as inverters in e-mobility power applications.

# FOCUS PRODUCTS FOR ELECTRIC VEHICLES

## 1 INVERTER/PDU

### Cooling

### Bus Bar

## 2 BATTERY MODULE

### Cooling Plate

### Monitoring Bus Bar

### Module Fuse

## 3 BATTERY PACK/BDU/MSD

### DC Battery Fuses

### Hybrid Pyrotechnic OCPD

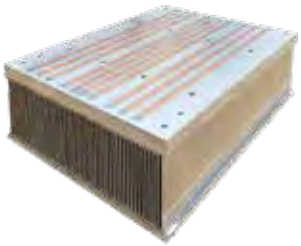
### Power Capacitors

## 4 CHARGING STATION

### Surge Protective Devices (SPDs)

### AC and DC Fuses

### Cooling



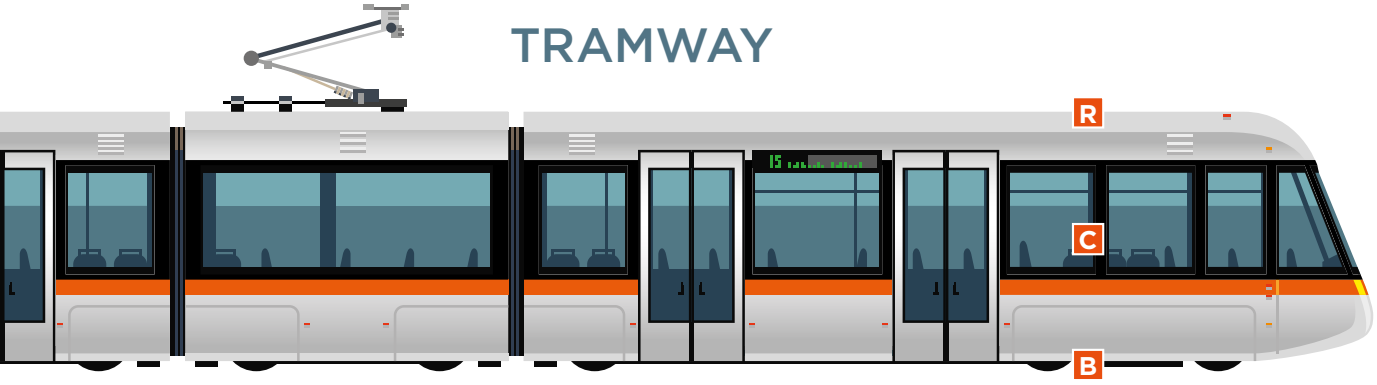
### Bus Bar

MERSEN Expertise, our source of energy

# OPTIMIZING THE PERFORMANCE OF ALL TYPES OF ROLLING STOCK

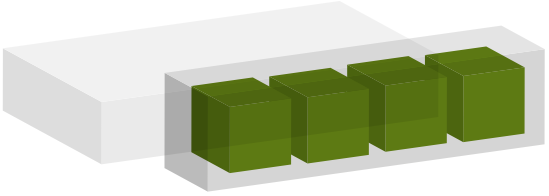
Mersen brings expertise to you with products designed to meet your standards.
Our global experts in traction applications provide experienced and attentive customer service to collect, to connect, to select, to reject

## TRAMWAY




## METRO

## ELECTRIC OR DIESEL LOCOMOTIVE



## SUBSTATION RECTIFIER

Protistor® LR Fuses Medium voltage DIN Fuses

# MERSEN OFFER IN RAIL TRACTION

## TRAMWAY (**R:** Roof - **B:** Bogie - **C:** Car interior)

**R/B -** Fuse Boxes / Energy measurement

**R -** Enclosures

**B -** Earth Return Current units Carbon brushes

**B/C/R -** High Speed Fuses

**B -** Current Collector Devices (CCD)

**C -** Disconnector Inverters

**B -** Carbon brushes and brush-holders for generators / alternators

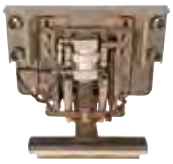
**R -** Carbon brushes and brush-holders for auxiliary motors

**B -** Lubricating sticks and applicators

**B -** Carbon brushes and brush-holders for traction motors

**R -** Pantograph contact strips

## METRO (**R:** Roof - **B:** Bogie - **C:** Car interior)



**B -** Current Collector Devices (CCD)

**B/C/R -** High Speed Fuses

**B -** Connection Boxes

**R/B -** Fuse Boxes / Energy measurement

**C -** Disconnector Inverters

**B -** Carbon brushes and brush-holders for traction motors

**R -** Carbon brushes and brush-holders for auxiliary motors

**B -** CCD shoes: traditional and EcoDesign

**B -** Earth Return Current units - Carbon brushes

**B -** Carbon brushes and brush-holders for generators / alternators

**B -** Lubricating sticks and applicators

## ELECTRIC OR DIESEL LOCOMOTIVE (**R:** Roof - **B:** Bogie - **C:** Car interior)

**R -** Surge arrester

**B/C/R -** High Speed Fuses

**B -** Earth Return Current units - Carbon brushes

**C -** Disconnector Inverters

**B -** Carbon brushes and brush-holders for generators / alternators

**R -** Carbon brushes and brush-holders for auxiliary motors

**R -** Pantograph contact strips

**B -** Lubricating sticks and applicators

**B -** Carbon brushes and brush-holders for traction motors

**B -** Slip ring assemblies



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# EXTENDED SOLUTIONS FOR POWER MANAGEMENT : MERSEN OFFERS PERIPHERAL PRODUCTS USED TO OPTIMIZE OPERATION AND INCREASE SAFETY AND RELIABILITY OF POWER CONVERSION SYSTEMS.

**In today's world, many industrial electrical applications require conversion of one form of power to another such as AC to DC, DC to AC or DC to DC. These power conversions utilize power electronics to perform the conversion in drives, inverters or converter products.**

**Mersen solutions for power management offer a broad range of cooling products to cool the power electronics, bus bars to manage the interconnectivity of power electronics and specially designed fuses to protect the power electronics from destructive current faults.**

## WHAT IS LAMINATED BUS BAR?

Laminated bus bar is an engineered component consisting of layers of fabricated copper separated by thin dielectric materials, laminated into a unified structure. Sizes and applications range from surface mounted bus bars the size of a fingertip to multilayer bus bars that exceed 20 feet in length. Laminated bus bar solutions are routinely used for low volumes up through tens of thousands per week.

## LEVERAGING OVER 65 YEARS OF EXPERIENCE

With the addition of Eldre in USA and France to the Mersen family in 2012, Mersen added laminated busbars to its extensive portfolio of products. Along with other solutions for power management such as cooling and fuses, Mersen has created a powerful bundled product offering for the protection and management of power electronics.

## WHY CHOOSE LAMINATED BUS BAR?

Bus bars reduce system costs, improve reliability, increase capacitance, and eliminate wiring errors. They also lower inductance and lower impedance. Plus, the physical structure of bus bars offers unique features in mechanical design. For example, complete power distribution subsystems can also act as structural members of a total system. Multilayer bus bars offer a structural integrity that wiring methods just can't match.

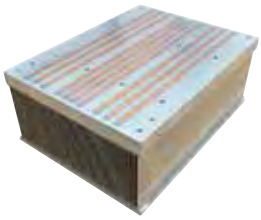
## WE CAN HELP YOU WITH ANY DESIGNS OR SPECIFICATIONS

We at Mersen provide FREE consultation for our customers to be able to directly discuss their design requirements with our expert application and product specialists. We take pride in striving to provide fast response time, usually within one business day to customers enquiries. We provide one on one design and engineering support to arrive at the best fit solution every time. Visitep.mersen.com for contact information.

# EXTENDED SOLUTIONS FOR POWER MANAGEMENT

## HIGH-PERFORMANCE COOLING SOLUTIONS FOR POWER ELECTRONICS

Mersen integrates its extensive cooling expertise and patented heat sink technology into power electronics applications to make them more efficient, reliable, and profitable. Our unique knowledge of air, phase change, and liquid cooled heat sinks enables Mersen to help customers find the right customized thermal protection solution for their unique applications.



Aquamax®



IsoMAXX



Aquasurf®

## AIR COOLING SOLUTIONS

Mersen's air cooled Fabfin® heat sink stands out from ordinary extruded heat sinks because of its higher fins, giving it excellent performances. Using a swaging process means a variety of its higher fins and increased height-to-space ratio types of fins can be used.

## LIQUID COOLING SOLUTIONS

Power electronics components (SiC, IGBTs, thyristors) need a cooling solution that is both effective and reliable, especially when installed in a confined space. To ensure maximum reliability, Mersen has mastered vacuum brazing technology for liquid cooled solutions to achieve guaranteed water tightness with no seams, robustness, corrosion free, and excellent thermal performance.

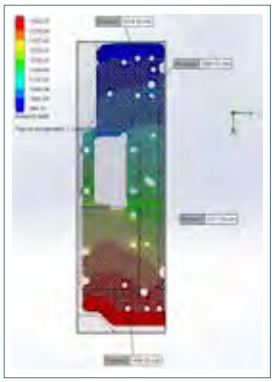
Heat Pipe Assembly

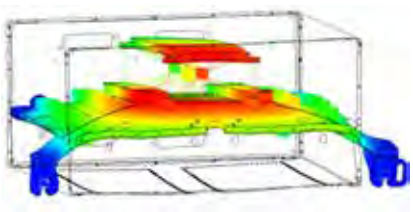
## HEAT PIPES FOR INSTANTANEOUS COOLING ACTION

The high heat losses from press-pack or IGBT power devices can easily be conveyed outward via heat pipe cooling units. A heat pipe is a device that uses "phase change" to efficiently conduct large amounts of heat between two solid surfaces.

## FROM DESIGN, TO PROTOTYPE, TO PRODUCTION

Mersen is ready to assist customers throughout the development of the solution they need: from the earliest stages of identifying needs right through production and logistics at the end of the process. Participation in thermal research groups and design work on several demanding thermal applications all over the globe, means we can offer the widest variety of adapted competitive designs. Mersen is capable of completing thermal testing for all air cooled products and heat pipe assemblies in-house using their new thermal lab.





Design / Thermal hydraulic simulation / Mechanical simulation

# MERSEN QUALITY POLICY

**At Mersen, our goal is to meet the needs of all of our partners - not simply our customers, but our suppliers, our shareholders and local authorities as well.**
**To that end, we've developed an extensive quality, safety and environmental policies:**

- Quality policies that spur continual improvements in products, services and productivity.
- Safety policies to protect our associates from accidents and illnesses.
- Environmental policies governing every step in the product lifecycle, from design to destruction.
- Mersen products, solutions and processes meet the highest quality requirements, extending the demands of national and international standards, certified by many company held patents for products and their assembling procedures together with independent test certification.

## CE - CE Mark

The CE Mark, required for products intended for sale anywhere in the European Union, shows that a product has been tested by a Notified Body and meets the requirements of all relevant European directives.

## - Kitemark

The British Standards Institution Mark — known as the Kitemark — is proof of compliance with standards endorsed by BSI, the world's first national standards organization.

## Intertek - S Mark

Granted by independent laboratory ETL SEMKO, the S Mark designates products that comply with safety requirements applicable to the European Union.

## LISTED - UL Listed Mark

The mark most familiar in the U.S., the UL Listed Mark is issued by Underwriters Laboratories. It signifies that a product has been tested by a Nationally Recognized Testing Laboratory (NRTL) and met the requirements of widely accepted product safety standards.

## - UL Recognized Mark

Products bearing this mark are generally components of a product that will later be tested as a whole to obtain a UL Listed Mark. Using UL Recognized components does not ensure an automatic UL listing, however. The complete final product must be tested as a unit.

## - CSA Mark

Issued by the Canadian Standards Association, the CSA Mark signifies a product that is tested to Canadian product safety standards. Products certified for sale in Canada may also bear the relatively new C-UL Mark issued by Underwriters Laboratories.

## - CCC Mark

The China Compulsory Certificate mark, commonly known as a CCC Mark, is a compulsory safety mark for many products imported, sold or used in the Chinese market.

## EAC - EAC Mark

The Eurasian Conformity mark (EAC, Russian: Евразийское соответствие) is a certification mark to indicate products that conform to all technical regulations of the Eurasian Customs Union.

## - ISI Mark

The Eurasian Conformity mark (EAC, Russian: Евразийское соответствие) is a certification mark to indicate products

**Mersen products are compliant REACH and RoHS**

## REACH

Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) is a European Union regulation addressing the production and use of chemical substances, and their potential impacts on both human health and the environment.

## RoHS - RoHS

Restriction of Hazardous Substances Directive RoHS, short for EU directive (2011/65/EU) Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment

# MERSEN QUALITY POLICY

CERTIFICATE OF APPROVAL

MERSEN
15 Rue Jacques Vaucanson
69701 SAINT BONNET DE MURE, France

ISO 14001:2004

Design and production of fuses and switchgear low and medium voltage, current collector devices, earth return current units, fuses-box and switches on board.

**Mersen commitment to quality and environment is demonstrated by compliance of Mersen management systems to ISO 9001, EN 9100, IRIS and ISO 14001.**

ISO 9001 Quality Management certificates:

ISO 9001 registration has become an international symbol for quality management practices. Implemented by more than 600,000 organizations in 160 countries, it's proof that an organization meets the stringent requirements of the Quality Management System standard.

Mersen's ISO 9001 registration signifies our commitment to providing quality not only in our products, but in every facet of our operations.

afaq

Certificat

MERSEN FRANCE SB SAS

ISO 9001 : 2015

afnor

**All our manufacturing facilities all over the world are ISO 9001 certified:**

## Europe

- Saint Bonnet/El Fahs/La Mure/Saint Loup de Naud facilities (France/Tunisia)
- Gorcy facility (France)
- Saint Sylvain d'Anjou facility (France)
- Kapsovar facility (Hungary)
- Sezemice facilitiy (Czech Republic)

## North America

- Juarez facility (Mexico)
- Newburyport facility (USA)
- Toronto facility (Canada)
- Mississauga facility (Canada)
- Rochester facility (USA)

## Asia

- Bangalore facility (India)
- Songjiang (Shanghai) facility (China)
- Wenzhou (Zhejiang) facility (China)

## Aerospace - EN 9100 Certificate:

- La Mure facility (France)
- Saint Sylvain d'Anjour facility (France)

## Railway - IRIS Cerfificate:

- PTRV Products Saint Bonnet de Mure facility (France)
- Saint Sylvain d'Anjou facility (France)

## ISO 14001 Environmental standards

ISO 14001 is an internationally recognized management system standard that provides a highly effective framework for establishing and managing environmental activities and programs.

- Saint Bonnet de Mure facility
- Nolam Tunisia M'Ghrira facility
- Juarez facility

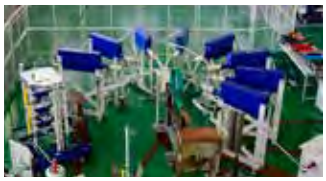
# Mersen offers global test capabilities

**Mersen develops, manufactures and sells products and services for all of the many markets in electrical engineering. Those products and services are often highly technical and must comply with many functional requirements, as well as being qualified and certified, to guarantee excellence in operation.**

## Europe

**Saint-Bonnet-de-Mure, France**

The center is accredited by the COFRAC Laboratories with a strong experience in overcurrent tests with high voltage and high current capabilities.



**Terrassa, Spain**

Our center is an independent Lab and is specialized in high voltage and high current transient impulses. It offers certification, validation, quality control services for SPDs, POP and ESE. It is an accredited lab by ENAC, approved for client testing by UL (CTDP) and authorized lab by Dekra.

## North America

**Newburyport, MA, U.S.A.**

The lab specialized in high and low power current impulses.

It also offers high power testing for UL appliances surge testing for UL SPDs (UL approved for thirdparty testing)

TPTDP with UL for standards of fuses and SPDs.

UL in short-circuit tests for SPDs.

## Asia

**Guangzhou, China**

Our lab is specialized in SPDs, mainly for internal use. It is equipped with a current generator for IEC SPDS.

# Focus on Saint-Bonnet-de-Mure: 5 test labs expertises...

**The facility houses five labs: high power, electrical performance, PV solar, mechanical, and environmental and process tests.**

The lab offers customized tests to match specific conditions: PV test lab for solar applications, high di/dt test bench for capacitor discharge simulation, mechanical and environmental test benches for electric vehicle and railway applications. The lab works regularly with VDE, UL... for product certification and is recognize for IEC product qualification.

It is assessed by LCIE Customer's Testing Facilities stage 3 for certification Schemes IECEE CB (OD-2048), European ECS (ECS 032) and NF Mark (n°LCIE-CTF-033).

High Power Lab

Pv Solar Test Lab

Electrical performance Test Lab

Mechanical Test Lab

Environmental and Process Test Lab

# Electrical, dielectric, mechanical and environmental tests

Products from the many markets in electrical engineering are highly technical and must comply with many functional requirements, as well as being qualified and certified, to guarantee excellence in operation.

Since 1981 and the test lab created by Lucien Ferraz, Mersen has developed expertise in electrical, dielectric, mechanical and environmental tests. Our role is to provide testing services and expert analysis, both for the many divisions of the Mersen group and for customers.

Our labs are complementary regarding:

- AC versus DC capabilities.
- UL-CSA testing versus IEC testing.

Mersen regularly invests in maintaining and improving the testing facilities to keep them up-to-date with latest technologies and demands.

## ... via four power applications

### Power Controls

- LV & HV motor controls
- Control panels
- HVAC
- Material handling

### Power Distribution

- Switchgear
- Switchboards
- Panel boards
- Load centers
- PF correction
- Surge protection
- Rail current collection
- Rail grouding

### Power Electronics

- Drives
- Soft Starters
- UPS
- Rectifiers
- Inverters
- Frequency converters
- Induction heating
- Rail propulsion
- Welding

### Power Transfer for Rail Vehicles

- Substations
- Transformers
- Transmission lines
- PF correction

# IEC/FR - LOW VOLTAGE FUSE-SYSTEM

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MERSEN Expertise, our source of energy

# Ferrule fuse-links 8x31 gG 400VAC

PRODUCT RANGE

FR8GG40V4

FR8GG40V25

## Size 8,5x31,5 400VAC gG without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR8GG40V0.5 | P218191 | 400 V | 0.5 A | 20 kA | 0.55 W | 4.4 g |
| FR8GG40V1 | C218709 | 400 V | 1 A | 20 kA | 0.35 W | 4.4 g |
| FR8GG40V2 | Q219227 | 400 V | 2 A | 20 kA | 0.45 W | 4.4 g |
| FR8GG40V4 | W222958 | 400 V | 4 A | 20 kA | 0.65 W | 4.4 g |
| FR8GG40V6 | A211025 | 400 V | 6 A | 20 kA | 0.83 W | 4.4 g |
| FR8GG40V8 | B213096 | 400 V | 8 A | 20 kA | 1 W | 4.4 g |
| FR8GG40V10 | A214613 | 400 V | 10 A | 20 kA | 1.2 W | 4.4 g |
| FR8GG40V12 | R216146 | 400 V | 12 A | 20 kA | 1.3 W | 4.4 g |
| FR8GG40V16 | P216650 | 400 V | 16 A | 20 kA | 1.7 W | 4.4 g |
| FR8GG40V20 | F217677 | 400 V | 20 A | 20 kA | 2 W | 4.4 g |
| FR8GG40V25 | D218710 | 400 V | 25 A | 20 kA | 2.4 W | 4.4 g |

FR8GG40V25I

## Size 8,5x31,5 gG 400VAC with indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR8GG40V2I | B222204 | 400 V | 2 A | 20 kA | 0.45 W | 4.4 g |
| FR8GG40V4I | X222959 | 400 V | 4 A | 20 kA | 0.65 W | 4.4 g |
| FR8GG40V6I | V201291 | 400 V | 6 A | 20 kA | 0.83 W | 4.4 g |
| FR8GG40V8I | B211026 | 400 V | 8 A | 20 kA | 1 W | 4.4 g |
| FR8GG40V10I | A212060 | 400 V | 10 A | 20 kA | 1.2 W | 4.4 g |
| FR8GG40V12I | C213097 | 400 V | 12 A | 20 kA | 1.3 W | 4.4 g |
| FR8GG40V16I | Y214105 | 400 V | 16 A | 20 kA | 1.7 W | 4.4 g |
| FR8GG40V20I | J215127 | 400 V | 20 A | 20 kA | 2 W | 4.4 g |
| FR8GG40V25I | S216147 | 400 V | 25 A | 20 kA | 2.4 W | 4.4 g |

# Ferrule fuse-links 8x31 aM 400VAC

PRODUCT RANGE

FR8AM40V2

## Size 8,5x31,5 aM 400VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR8AM40V1 | C217168 | 400 V | 1 A | 20 kA | 0.09 W | 4.4 g |
| FR8AM40V2 | R218193 | 400 V | 2 A | 20 kA | 0.15 W | 4.4 g |
| FR8AM40V4 | S219229 | 400 V | 4 A | 20 kA | 0.26 W | 4.4 g |
| FR8AM40V6 | C222205 | 400 V | 6 A | 20 kA | 0.35 W | 4.4 g |
| FR8AM40V8 | F200749 | 400 V | 8 A | 20 kA | 0.47 W | 4.4 g |
| FR8AM40V10 | W201292 | 400 V | 10 A | 20 kA | 0.55 W | 4.4 g |
| FR8AM40V12 | V1007188 | 400 V | 12 A | 20 kA | 0.7 W | 4.4 g |

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# Ferrule fuse-links 10x38 gG 400 to 690VAC

PRODUCT RANGE

FR10GG50V6

FR10GG40V32

## Size 10,3x38 gG 400/500VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR10GG50V0.5 | C211027 | 500 V | 0.5 A | 120 kA | 0.07 W | 8.3 g |
| FR10GG50V1 | B212061 | 500 V | 1 A | 120 kA | 0.45 W | 8.3 g |
| FR10GG50V2 | D213098 | 500 V | 2 A | 120 kA | 0.5 W | 8.3 g |
| FR10GG50V4 | X213598 | 500 V | 4 A | 120 kA | 0.85 W | 8.3 g |
| FR10GG50V6 | K215128 | 500 V | 6 A | 120 kA | 0.95 W | 8.3 g |
| FR10GG50V8 | D217169 | 500 V | 8 A | 120 kA | 1.15 W | 8.3 g |
| FR10GG50V10 | S218194 | 500 V | 10 A | 120 kA | 1.3 W | 8.3 g |
| FR10GG50V12 | W219761 | 500 V | 12 A | 120 kA | 1.4 W | 8.3 g |
| FR10GG50V16 | G200750 | 500 V | 16 A | 120 kA | 1.9 W | 8.3 g |
| FR10GG50V20 | D211028 | 500 V | 20 A | 120 kA | 2.4 W | 8.3 g |
| FR10GG50V25 | E213099 | 500 V | 25 A | 120 kA | 2.7 W | 8.3 g |
| FR10GG40V32 | A214107 | 400 V | 32 A | 120 kA | 2.8 W | 8.3 g |

FR10GG40V32I

## Size 10,3x38 gG 400/500VAC with indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR10GG50V2I | S216653 | 500 V | 2 A | 120 kA | 0.5 W | 8.3 g |
| FR10GG50V4I | E217170 | 500 V | 4 A | 120 kA | 0.85 W | 8.3 g |
| FR10GG50V6I | T218195 | 500 V | 6 A | 120 kA | 0.95 W | 8.3 g |
| FR10GG50V8I | V219231 | 500 V | 8 A | 120 kA | 1.15 W | 8.3 g |
| FR10GG50V10I | E222207 | 500 V | 10 A | 120 kA | 1.3 W | 8.3 g |
| FR10GG50V12I | H200751 | 500 V | 12 A | 120 kA | 1.4 W | 8.3 g |
| FR10GG50V16I | H201809 | 500 V | 16 A | 120 kA | 1.9 W | 8.3 g |
| FR10GG50V20I | X211551 | 500 V | 20 A | 120 kA | 2.4 W | 8.3 g |
| FR10GG50V25I | W212585 | 500 V | 25 A | 120 kA | 2.7 W | 8.3 g |
| FR10GG40V32I | Z213600 | 400 V | 32 A | 120 kA | 2.8 W | 8.3 g |

FR10GG25V32P

## Size 10,3x38 gG 250/400VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR10GG40V2P | G083703 | 400 V | 2 A | 100 kA | 0.6 W | 9.2 g |
| FR10GG40V4P | D084758 | 400 V | 4 A | 100 kA | 0.75 W | 9.2 g |
| FR10GG40V6P | Y084799 | 400 V | 6 A | 100 kA | 0.9 W | 9.2 g |
| FR10GG40V8P | F083955 | 400 V | 8 A | 100 kA | 1 W | 9.2 g |
| FR10GG40V10P | A084801 | 400 V | 10 A | 100 kA | 1.1 W | 9.2 g |
| FR10GG40V12P | G083956 | 400 V | 12 A | 100 kA | 1.25 W | 9.2 g |
| FR10GG40V16P | X084798 | 380 V | 16 A | 100 kA | 1.35 W | 9.2 g |
| FR10GG40V20P | Z084800 | 380 V | 20 A | 100 kA | 1.45 W | 9.2 g |
| FR10GG25V25P | H083957 | 250 V | 25 A | 100 kA | 1.7 W | 9.2 g |
| FR10GG25V32P | E083954 | 250 V | 32 A | 100 kA | 2.2 W | 9.2 g |

FR10GG69V6

## Size 10,3x38 gG 690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR10GG69V1 | R302787 | 690 V | 1 A | 120 kA | 0.45 W | 9 g |
| FR10GG69V2 | S302788 | 690 V | 2 A | 120 kA | 0.55 W | 9 g |
| FR10GG69V4 | T302789 | 690 V | 4 A | 120 kA | 0.6 W | 9 g |
| FR10GG69V6 | V302790 | 690 V | 6 A | 120 kA | 0.9 W | 9 g |
| FR10GG69V8 | W302791 | 690 V | 8 A | 120 kA | 1 W | 9 g |
| FR10GG69V10 | X302792 | 690 V | 10 A | 120 kA | 1.15 W | 9 g |
| FR10GG69V12 | Y302793 | 690 V | 12 A | 120 kA | 1.4 W | 9 g |
| FR10GG69V16 | Z302794 | 690 V | 16 A | 120 kA | 1.9 W | 9 g |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

# Ferrule fuse-links 10x38 aM 400 to 690VAC

PRODUCT RANGE

FR10AM40V32

## Size 10,3x38 aM 400/500VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR10AM50V0.16 | E214617 | 500 V | 0.16 A | 120 kA | 0.07 W | 8.3 g |
| FR10AM50V0.25 | M215130 | 500 V | 0.25 A | 120 kA | 0.08 W | 8.3 g |
| FR10AM50V0.5 | W216150 | 500 V | 0.5 A | 120 kA | 0.07 W | 8.3 g |
| FR10AM50V1 | F217171 | 500 V | 1 A | 120 kA | 0.1 W | 8.3 g |
| FR10AM50V2 | H218714 | 500 V | 2 A | 120 kA | 0.14 W | 8.3 g |
| FR10AM50V4 | W219232 | 500 V | 4 A | 120 kA | 0.28 W | 8.3 g |
| FR10AM50V6 | F222208 | 500 V | 6 A | 120 kA | 0.38 W | 8.3 g |
| FR10AM50V8 | Z201295 | 500 V | 8 A | 120 kA | 0.55 W | 8.3 g |
| FR10AM50V10 | Y211552 | 500 V | 10 A | 120 kA | 0.62 W | 8.3 g |
| FR10AM50V12 | A213601 | 500 V | 12 A | 120 kA | 0.82 W | 8.3 g |
| FR10AM50V16 | F214618 | 500 V | 16 A | 120 kA | 0.87 W | 8.3 g |
| FR10AM50V20 | X216151 | 500 V | 20 A | 120 kA | 1.05 W | 8.3 g |
| FR10AM40V25 | G217172 | 400 V | 25 A | 120 kA | 1.2 W | 8.3 g |
| FR10AM40V32 | J218715 | 400 V | 32 A | 120 kA | 1.8 W | 8.3 g |

FR10AM40V25I

## Size 10,3x38 aM 400/500VAC with indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR10AM50V1I | X219233 | 500 V | 1 A | 120 kA | 0.1 W | 8.3 g |
| FR10AM50V2I | G222209 | 500 V | 2 A | 120 kA | 0.14 W | 8.3 g |
| FR10AM50V4I | K200753 | 500 V | 4 A | 120 kA | 0.28 W | 8.3 g |
| FR10AM50V6I | K201811 | 500 V | 6 A | 120 kA | 0.38 W | 8.3 g |
| FR10AM50V8I | Z211553 | 500 V | 8 A | 120 kA | 0.55 W | 8.3 g |
| FR10AM50V10I | H213102 | 500 V | 10 A | 120 kA | 0.62 W | 8.3 g |
| FR10AM50V12I | D214110 | 500 V | 12 A | 120 kA | 0.82 W | 8.3 g |
| FR10AM50V16I | P215132 | 500 V | 16 A | 120 kA | 0.87 W | 8.3 g |
| FR10AM50V20I | V216655 | 500 V | 20 A | 120 kA | 1.05 W | 8.3 g |
| FR10AM40V25I | L217682 | 400 V | 25 A | 120 kA | 1.2 W | 8.3 g |

FR10AM40V8P

## Size 10,3x38 aM 400VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR10AM40V2P | Z084984 | 400 V | 2 A | 100 kA | 0.18 W | 9.2 g |
| FR10AM40V4P | Y085259 | 400 V | 4 A | 100 kA | 0.2 W | 9.2 g |
| FR10AM40V6P | W085257 | 400 V | 6 A | 100 kA | 0.21 W | 9.2 g |
| FR10AM40V8P | A084985 | 400 V | 8 A | 100 kA | 0.29 W | 9.2 g |
| FR10AM40V10P | B084986 | 400 V | 10 A | 100 kA | 0.36 W | 9.2 g |
| FR10AM40V12P | X085258 | 400 V | 12 A | 100 kA | 0.43 W | 9.2 g |
| FR10AM40V16P | C084757 | 380 V | 16 A | 100 kA | 0.57 W | 9.2 g |
| FR10AM40V20P | V085256 | 380 V | 20 A | 100 kA | 0.72 W | 9.2 g |
| FR10AM25V25P | A076038 | 250 V | 25 A | 100 kA | 1.2 W | 9.2 g |
| FR10AM25V32P | B076039 | 250 V | 32 A | 100 kA | 1.6 W | 9.2 g |

FR10AM69V8

## Size 10,3x38 aM 690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR10AM69V1 | H302779 | 690 V | 1 A | 120 kA | 0.1 W | 8.3 g |
| FR10AM69V2 | J302780 | 690 V | 2 A | 120 kA | 0.14 W | 8.3 g |
| FR10AM69V4 | K302781 | 690 V | 4 A | 120 kA | 0.28 W | 8.3 g |
| FR10AM69V6 | L302782 | 690 V | 6 A | 120 kA | 0.38 W | 8.3 g |
| FR10AM69V8 | M302783 | 690 V | 8 A | 120 kA | 0.55 W | 8.3 g |
| FR10AM69V10 | N302784 | 690 V | 10 A | 120 kA | 0.62 W | 8.3 g |
| FR10AM69V12 | P302785 | 690 V | 12 A | 120 kA | 0.78 W | 8.3 g |

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# Ferrule fuse-links 14x51 gG 500 to 690VAC

PRODUCT RANGE

FR14GG50V50

## Size 14,3x51 gG 500/690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR14GG69V1 | K218716 | 690 V | 1 A | 120 kA | 0.6 W | 21 g |
| FR14GG69V2 | Y219234 | 690 V | 2 A | 120 kA | 0.75 W | 21 g |
| FR14GG69V4 | A219765 | 690 V | 4 A | 120 kA | 1.1 W | 21 g |
| FR14GG69V6 | H222210 | 690 V | 6 A | 120 kA | 1.25 W | 21 g |
| FR14GG69V8 | D222965 | 690 V | 8 A | 120 kA | 1.45 W | 21 g |
| FR14GG69V10 | L200754 | 690 V | 10 A | 120 kA | 1.65 W | 21 g |
| FR14GG69V12 | L201812 | 690 V | 12 A | 120 kA | 1.8 W | 21 g |
| FR14GG69V16 | A211554 | 690 V | 16 A | 120 kA | 2.35 W | 21 g |
| FR14GG69V20 | Z212588 | 690 V | 20 A | 120 kA | 2.75 W | 21 g |
| FR14GG69V25 | C213603 | 690 V | 25 A | 120 kA | 3.1 W | 21 g |
| FR14GG69V32 | L1010170 | 690 V | 32 A | 120 kA | 3.6 W | 21 g |
| FR14GG69V40 | P1010173 | 690 V | 40 A | 120 kA | 4 W | 21 g |
| FR14GG69V50 | Q1010174 | 690 V | 50 A | 120 kA | 4.8 W | 21 g |
| FR14GG50V32 | W216656 | 500 V | 32 A | 120 kA | 3.6 W | 21 g |
| FR14GG50V40 | X218198 | 500 V | 40 A | 120 kA | 4 W | 21 g |
| FR14GG50V50 | Z219235 | 500 V | 50 A | 120 kA | 4.8 W | 21 g |

FR14GG50V50P

## Size 14,3x51 gG 500VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR14GG50V2P | J211033 | 500 V | 2 A | 120 kA | 0.75 W | 21 g |
| FR14GG50V4P | H212067 | 500 V | 4 A | 120 kA | 1.1 W | 21 g |
| FR14GG50V6P | G214113 | 500 V | 6 A | 120 kA | 1.25 W | 21 g |
| FR14GG50V8P | R215134 | 500 V | 8 A | 120 kA | 1.45 W | 21 g |
| FR14GG50V10P | Z216153 | 500 V | 10 A | 120 kA | 1.65 W | 21 g |
| FR14GG50V12P | L217176 | 500 V | 12 A | 120 kA | 1.8 W | 21 g |
| FR14GG50V16P | Z218200 | 500 V | 16 A | 120 kA | 2.35 W | 21 g |
| FR14GG50V20P | B219237 | 500 V | 20 A | 120 kA | 2.75 W | 21 g |
| FR14GG50V25P | L222213 | 500 V | 25 A | 120 kA | 3.1 W | 21 g |
| FR14GG50V32P | P200757 | 500 V | 32 A | 120 kA | 3.6 W | 21 g |
| FR14GG50V40P | P201815 | 500 V | 40 A | 120 kA | 4 W | 21 g |
| FR14GG50V50P | D211557 | 500 V | 50 A | 120 kA | 4.8 W | 21 g |

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# Ferrule fuse-links 14x51 aM 500 to 690VAC

PRODUCT RANGE

FR14AM50V50

## Size 14,3x51 aM 500/690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR14AM69V0.25 | B212590 | 690 V | 0.25 A | 120 kA | 0.1 W | 21 g |
| FR14AM69V0.5 | L213105 | 690 V | 0.5 A | 120 kA | 0.9 W | 21 g |
| FR14AM69V1 | E213605 | 690 V | 1 A | 120 kA | 0.13 W | 21 g |
| FR14AM69V2 | H214114 | 690 V | 2 A | 120 kA | 0.18 W | 21 g |
| FR14AM69V4 | K214622 | 690 V | 4 A | 120 kA | 0.28 W | 21 g |
| FR14AM69V6 | S215135 | 690 V | 6 A | 120 kA | 0.42 W | 21 g |
| FR14AM69V8 | T215642 | 690 V | 8 A | 120 kA | 0.55 W | 21 g |
| FR14AM69V10 | Z216659 | 690 V | 10 A | 120 kA | 0.65 W | 21 g |
| FR14AM69V12 | M217177 | 690 V | 12 A | 120 kA | 0.75 W | 21 g |
| FR14AM69V16 | Q217686 | 690 V | 16 A | 120 kA | 1.05 W | 21 g |
| FR14AM69V20 | P218720 | 690 V | 20 A | 120 kA | 1.3 W | 21 g |
| FR14AM69V25 | E219769 | 690 V | 25 A | 120 kA | 1.55 W | 21 g |
| FR14AM69V32 | G1011477 | 690 V | 32 A | 120 kA | 2.05 W | 21 g |
| FR14AM69V40 | J1011479 | 690 V | 40 A | 120 kA | 2.65 W | 21 g |
| FR14AM50V32 | M222214 | 500 V | 32 A | 120 kA | 2.05 W | 21 g |
| FR14AM50V40 | Q200758 | 500 V | 40 A | 120 kA | 2.65 W | 21 g |
| FR14AM50V45 | L211035 | 500 V | 45 A | 120 kA | 2.85 W | 21 g |
| FR14AM50V50 | E211558 | 500 V | 50 A | 120 kA | 2.95 W | 21 g |

FR14AM50V10P

## Size 14,3x51 aM 500VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR14AM50V1P | W215644 | 500 V | 1 A | 120 kA | 0.13 W | 21 g |
| FR14AM50V2P | B216661 | 500 V | 2 A | 120 kA | 0.18 W | 21 g |
| FR14AM50V4P | C218203 | 500 V | 4 A | 120 kA | 0.28 W | 21 g |
| FR14AM50V6P | E219240 | 500 V | 6 A | 120 kA | 0.42 W | 21 g |
| FR14AM50V8P | N222215 | 500 V | 8 A | 120 kA | 0.55 W | 21 g |
| FR14AM50V10P | S200760 | 500 V | 10 A | 120 kA | 0.65 W | 21 g |
| FR14AM50V12P | R201817 | 500 V | 12 A | 120 kA | 0.75 W | 21 g |
| FR14AM50V16P | G211560 | 500 V | 16 A | 120 kA | 1.05 W | 21 g |
| FR14AM50V20P | E212593 | 500 V | 20 A | 120 kA | 1.3 W | 21 g |
| FR14AM50V25P | H213608 | 500 V | 25 A | 120 kA | 1.55 W | 21 g |
| FR14AM50V32P | N214625 | 500 V | 32 A | 120 kA | 2.05 W | 21 g |
| FR14AM50V40P | X215645 | 500 V | 40 A | 120 kA | 2.65 W | 21 g |
| FR14AM50V45P | C216662 | 500 V | 45 A | 120 kA | 2.85 W | 21 g |
| FR14AM50V50P | D218204 | 500 V | 50 A | 120 kA | 2.95 W | 21 g |

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# Ferrule fuse-links 22x58 gG 500 to 690VAC

PRODUCT RANGE

FR22GG69V2

## Size 22x58 gG 500/690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR22GG69V2 | F219241 | 690 V | 2 A | 120 kA | 0.9 W | 54 g |
| FR22GG69V4 | H219772 | 690 V | 4 A | 120 kA | 1.25 W | 54 g |
| FR22GG69V6 | P222216 | 690 V | 6 A | 120 kA | 1.4 W | 54 g |
| FR22GG69V8 | L222972 | 690 V | 8 A | 120 kA | 1.6 W | 54 g |
| FR22GG69V10 | T200761 | 690 V | 10 A | 120 kA | 1.9 W | 54 g |
| FR22GG69V12 | J201304 | 690 V | 12 A | 120 kA | 2 W | 54 g |
| FR22GG69V16 | S201818 | 690 V | 16 A | 120 kA | 2.5 W | 54 g |
| FR22GG69V20 | P211038 | 690 V | 20 A | 120 kA | 3.4 W | 54 g |
| FR22GG69V25 | N212072 | 690 V | 25 A | 120 kA | 3.5 W | 54 g |
| FR22GG69V32 | F212594 | 690 V | 32 A | 120 kA | 3.7 W | 54 g |
| FR22GG69V40 | J213609 | 690 V | 40 A | 120 kA | 4.3 W | 54 g |
| FR22GG69V50 | P214626 | 690 V | 50 A | 120 kA | 5.3 W | 54 g |
| FR22GG69V63 | Y215646 | 690 V | 63 A | 120 kA | 6.3 W | 54 g |
| FR22GG69V80 | Q217180 | 690 V | 80 A | 120 kA | 7.4 W | 54 g |
| FR22GG50V100 | E218205 | 500 V | 100 A | 120 kA | 8.3 W | 54 g |
| FR22GG50V125 | J219773 | 500 V | 125 A | 120 kA | 11.3 W | 54 g |

FR22GG50V125P

## Size 22x58 gG 500/690VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR22GG69V2P | N093760 | 690 V | 2 A | 120 kA | 0.9 W | 54 g |
| FR22GG69V4P | R214628 | 690 V | 4 A | 120 kA | 1.25 W | 54 g |
| FR22GG69V6P | A215648 | 690 V | 6 A | 120 kA | 1.4 W | 54 g |
| FR22GG69V8P | F216665 | 690 V | 8 A | 120 kA | 1.6 W | 54 g |
| FR22GG69V10P | W217691 | 690 V | 10 A | 120 kA | 1.9 W | 54 g |
| FR22GG69V12P | W218726 | 690 V | 12 A | 120 kA | 2 W | 54 g |
| FR22GG69V16P | L219775 | 690 V | 16 A | 120 kA | 2.5 W | 54 g |
| FR22GG69V20P | P222975 | 690 V | 20 A | 120 kA | 3.4 W | 54 g |
| FR22GG69V25P | M201307 | 690 V | 25 A | 120 kA | 3.5 W | 54 g |
| FR22GG69V32P | S211041 | 690 V | 32 A | 120 kA | 3.7 W | 54 g |
| FR22GG69V40P | R212075 | 690 V | 40 A | 120 kA | 4.3 W | 54 g |
| FR22GG69V50P | M213612 | 690 V | 50 A | 120 kA | 5.3 W | 54 g |
| FR22GG69V63P | T1022160 | 690 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22GG69V80P | Z1022165 | 690 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22GG50V63P | S214629 | 500 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22GG50V80P | F216159 | 500 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22GG50V100P | T217183 | 500 V | 100 A | 120 kA | 8.3 W | 54 g |
| FR22GG50V125P | H218208 | 500 V | 125 A | 120 kA | 11.3 W | 54 g |

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# Ferrule fuse-links 22x58 aM 500 to 690VAC

PRODUCT RANGE

FR22AM50V125

## Size 22x58 aM 500/690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR22AM69V1 | M219776 | 690 V | 1 A | 120 kA | 0.2 W | 54 g |
| FR22AM69V2 | T222220 | 690 V | 2 A | 120 kA | 0.25 W | 54 g |
| FR22AM69V4 | Q222976 | 690 V | 4 A | 120 kA | 0.35 W | 54 g |
| FR22AM69V6 | Y200765 | 690 V | 6 A | 120 kA | 0.45 W | 54 g |
| FR22AM69V8 | N201308 | 690 V | 8 A | 120 kA | 0.6 W | 54 g |
| FR22AM69V10 | X201822 | 690 V | 10 A | 120 kA | 0.75 W | 54 g |
| FR22AM69V12 | T211042 | 690 V | 12 A | 120 kA | 0.85 W | 54 g |
| FR22AM69V16 | M211565 | 690 V | 16 A | 120 kA | 1.15 W | 54 g |
| FR22AM69V20 | S212076 | 690 V | 20 A | 120 kA | 1.35 W | 54 g |
| FR22AM69V25 | J212597 | 690 V | 25 A | 120 kA | 1.7 W | 54 g |
| FR22AM69V32 | V213113 | 690 V | 32 A | 120 kA | 2.2 W | 54 g |
| FR22AM69V40 | N213613 | 690 V | 40 A | 120 kA | 2.7 W | 54 g |
| FR22AM69V50 | R214122 | 690 V | 50 A | 120 kA | 3.6 W | 54 g |
| FR22AM69V63 | C215650 | 690 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22AM69V80 | H216667 | 690 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22AM50V100 | Y217693 | 500 V | 100 A | 120 kA | 6.65 W | 54 g |
| FR22AM50V125 | J218209 | 500 V | 125 A | 120 kA | 9.9 W | 54 g |

FR22AM69V1P

## Size 22x58 aM 500/690VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|
| FR22AM69V1P | E215652 | 690 V | 1 A | 120 kA | 0.2 W | 54 g |
| FR22AM69V2P | J216162 | 690 V | 2 A | 120 kA | 0.25 W | 54 g |
| FR22AM69V4P | A217695 | 690 V | 4 A | 120 kA | 0.35 W | 54 g |
| FR22AM69V6P | Y218728 | 690 V | 6 A | 120 kA | 0.45 W | 54 g |
| FR22AM69V8P | Q219779 | 690 V | 8 A | 120 kA | 0.6 W | 54 g |
| FR22AM69V10P | S222978 | 690 V | 10 A | 120 kA | 0.75 W | 54 g |
| FR22AM69V12P | R201311 | 690 V | 12 A | 120 kA | 0.85 W | 54 g |
| FR22AM69V16P | W211044 | 690 V | 16 A | 120 kA | 1.15 W | 54 g |
| FR22AM69V20P | W212079 | 690 V | 20 A | 120 kA | 1.35 W | 54 g |
| FR22AM69V25P | Q213615 | 690 V | 25 A | 120 kA | 1.7 W | 54 g |
| FR22AM69V32P | X214633 | 690 V | 32 A | 120 kA | 2.2 W | 54 g |
| FR22AM69V40P | F215653 | 690 V | 40 A | 120 kA | 2.7 W | 54 g |
| FR22AM69V50P | K216669 | 690 V | 50 A | 120 kA | 3.6 W | 54 g |
| FR22AM69V63P | A1022166 | 690 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22AM69V80P | C1022168 | 690 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22AM50V63P | B217696 | 500 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22AM50V80P | Z218729 | 500 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22AM50V100P | T222979 | 500 V | 100 A | 120 kA | 6.65 W | 54 g |
| FR22AM50V125P | S201312 | 500 V | 125 A | 120 kA | 9.9 W | 54 g |

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## Modulostar® CMC8

PRODUCT RANGE

CMC81

### Modulostar® fuse-holders for 8.5x31.5 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMC810N | W1062688 | N | CMC8 CMC10 neutral conductor | 12 | - |
| CMC81 | V1062687 | 1 | CMC8 single pole | 12 | - |
| CMC81N | P1062682 | 1 + N | CMC8 single pole + neutral conductor | 6 | - |
| CMC82 | Q1062683 | 2 | CMC8 double pole | 6 | - |
| CMC83 | M1062680 | 3 | CMC8 triple pole | 4 | - |
| CMC83N | H1062676 | 3 + N | CMC8 triple pole + neutral conductor | 3 | - |
| CMC84 | J1062677 | 4 | CMC8 quadruple pole | 3 | - |

CMC81I

### Modulostar® fuse-holders for 8.5x31.5 fuse-links, with standard indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMC81I | X1062689 | 1 | CMC8 single pole | 12 | - |
| CMC81NI | R1062684 | 1 + N | CMC8 single pole + neutral conductor | 6 | - |
| CMC82I | S1062685 | 2 | CMC8 double pole | 6 | - |
| CMC83I | N1062681 | 3 | CMC8 triple pole | 4 | - |
| CMC83NI | K1062678 | 3 + N | CMC8 triple pole + neutral conductor | 3 | - |
| CMC84I | L1062679 | 4 | CMC8 quadruple pole | 3 | - |

## Modulostar® CMC10

PRODUCT RANGE

CMC102

CMC103N

### Modulostar® compact fuse-holders for 10.3x38.1 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMC101 | P1062705 | 1 | CMC10 single pole | 12 | - |
| CMC101N | G1062698 | 1 + N | CMC10 single pole + neutral conductor | 6 | - |
| CMC102 | H1062699 | 2 | CMC10 double pole | 6 | - |
| CMC103 | E1062696 | 3 | CMC10 triple pole | 4 | - |
| CMC103N | Y1062690 | 3 + N | CMC10 triple pole + neutral conductor | 3 | - |
| CMC104 | Z1062691 | 4 | CMC10 quadruple pole | 3 | - |
| CMC810N | W1062688 | N | CMC8 CMC10 neutral conductor | 12 | - |

CMC101I

CMC103I

### Modulostar® compact fuse-holders for 10.3x38.1 fuse-links, with standard indicator

| Catalog number | Item number | Number of poles/ phases | Design | Voltage limit for blown fuse indicator | Package | Weight |
|---|---|---|---|---|---|---|
| CMC101I | S1062708 | 1 | CMC10 single pole | - | 12 | - |
| CMC101NI | J1062700 | 1 + N | CMC10 single pole + neutral conductor | - | 6 | - |
| CMC102I | L1062702 | 2 | CMC10 double pole | - | 6 | - |
| CMC103I | F1062697 | 3 | CMC10 triple pole | - | 4 | - |
| CMC103NI | A1062692 | 3 + N | CMC10 triple pole + neutral conductor | - | 3 | - |
| CMC104I | B1062693 | 4 | CMC10 quadruple pole | - | 3 | - |
| - | on demand | - | Version with special indicator | Standard: 220V-700V AC/ DC<br>Very low: 20V-50V AC/DC<br>Low: 50V-250V AC/DC | - | - |

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# Modulostar® CMC8 and CMC10

ACCESSORIES

CMS810PAK

## Kit for multi phase connection

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| CMS810PAK | Z233725 | 12 | Links for connection of multipole units | 0.5 g |

LOCK

## Locking devices

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| LOCK | M223525 | 1 | Padlock | 0.48 kg |

TBB1A TBB1C

TBB23A TBB23C

## Power supply

| Catalog number | Item number | Application | Package | Features | Weight |
|---|---|---|---|---|---|
| TBB1A | D210315 | Max. rms current 90A | 50 | 1 phase<br>axial incoming power supply | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 50 | 1 phase<br>lateral incoming power supply | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 50 | 2 & 3 phases<br>axial incoming power supply | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 50 | 2 & 3 phases<br>lateral incoming power supply | 23.1 g |

CMS810BB1F13

CMS810BB2F6

## Wiring bars / Insulated bus bars

| Catalog number | Item number | Application | Package | Features | Weight |
|---|---|---|---|---|---|
| CMS810BB1F13 | T210306 | Max. rms current 63A, for installation of 13 modules | 10 | single pole, 10 mm², partition 17,5 mm (distance of poles), peg design, L-shaped | 33.5 g |
| CMS810BB2F6 | V210307 | Max. rms current 63A, for installation of 6 modules | 10 | double pole, 10 mm², partition 17,5 mm (distance of poles), peg design, L-shaped | 80 g |
| CMS810BB3F4 | W210308 | Max. rms current 100A, for installation of 4 modules | 10 | triple pole, 10 mm² partition 17,5 mm (distance of poles), peg design, L-shaped | 84 g |
| CMS810BB4F3 | X210309 | Max. rms current 100A, for installation of 3 modules | 10 | quadruple pole, 10 mm², partition 17,5 mm (distance of poles), peg design, L-shaped | 0.12 kg |

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# Modulostar® CUS10

## Modular fuse-holders

PRODUCT RANGE

CUS101

### Modulostar™ compact fuse holders for 10.3x38.1 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package |
|---|---|---|---|---|
| CUS101 | G1062721 | 1 | CUS10 single pole | 12 |
| CUS101N | C1062717 | 1+N | CUS10 single pole + neutral conductor | 6 |
| CUS102 | D1062718 | 2 | CUS10 double pole | 6 |
| CUS103 | A1062715 | 3 | CUS10 triple pole | 4 |
| CUS103N | W1062711 | 3+N | CUS10 triple pole + neutral conductor | 3 |
| CUS104 | X1062712 | 4 | CUS10 quadruple pole | 3 |
| CUS10N | H1062722 | N | CUS10 neutral conductor | 12 |

CUS101I

### Modulostar™ compact fuse holders for 10.3x38.1 fuse-links, with standard indicator

| Catalog number | Item number | Number of poles/ phases | Design | Voltage limit for blown fuse indicator | Package |
|---|---|---|---|---|---|
| CUS101I | J1062723 | 1 | CUS10 single pole | - | 12 |
| CUS101NI | E1062719 | 1+N | CUS10 single pole + neutral conductor | - | 6 |
| CUS102I | F1062720 | 2 | CUS10 double pole | - | 6 |
| CUS103I | B1062716 | 3 | CUS10 triple pole | - | 4 |
| CUS103NI | Y1062713 | 3+N | CUS10 triple pole + neutral conductor | - | 3 |
| CUS104I | Z1062714 | 4 | CUS10 quadruple pole | - | 3 |
| - | on demand | - | Version with special indicator | Standard: 220V-700V AC/DC<br>Very low: 20V-50V AC/DC<br>Low: 50V-250V AC/DC<br>1000V: 220 - 1000V AC/DC | - |

ACCESSORIES

CMS810PAK

### Kit for multi phase connection

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| CMS810PAK | Z233725 | Links for connection of multipole units | 12 | 0.5 g |

LOCK

### Locking devices

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |

CMS810BB1F13

### Wiring bars / Insulated bus bars

| Catalog number | Item number | Application | Features | Package | Weight |
|---|---|---|---|---|---|
| CMS810BB1F13 | T210306 | Max. rms current 63A, for installation of 13 modules | single pole, 10 mm², partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 33.5 g |
| CMS810BB2F6 | V210307 | Max. rms current 63A, for installation of 6 modules | double pole, 10 mm², partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 80 g |
| CMS810BB3F4 | W210308 | Max. rms current 100A, for installation of 4 modules | triple pole, 10 mm² partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 84 g |
| CMS810BB4F3 | X210309 | Max. rms current 100A, for installation of 3 modules | quadruple pole, 10 mm², partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 0.12 kg |

CMS810BB2F6

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# Modulostar® CMS14

## Modular fuse-holders

PRODUCT RANGE

CMS142

CMS143N

### Modulostar® fuse-holders for 14x51 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Standard complience | Package | Weight |
|---|---|---|---|---|---|
| CMS14N | T331056 | N | CMS 14 neutral conductor | 6 | 0.14 kg |
| CMS141 | A331016 | 1 | CMS 14 single pole | 6 | 0.14 kg |
| CMS141N | T331010 | 1 + N | CMS 14 single pole + neutral conductor | 3 | 0.29 kg |
| CMS142 | R331031 | 2 | CMS 14 double pole | 3 | 0.27 kg |
| CMS143 | S331032 | 3 | CMS 14 triple pole | 2 | 0.42 kg |
| CMS143N | D331042 | 3 + N | CMS 14 triple pole + neutral conductor | 1 | 0.56 kg |
| CMS144 | F331021 | 4 | CMS 14 quadruple pole | 1 | 0.57 kg |

CMS141I

### Modulostar® fuse-holders for 14x51 fuse-links, with indicator

| Catalog number | Item number | Number of poles/phases | Standard complience | Package | Weight |
|---|---|---|---|---|---|
| CMS141I | L331049 | 1 | CMS 14 single pole | 6 | 0.14 kg |
| CMS141NI | M331050 | 1 + N | CMS 14 single pole + neutral conductor | 3 | 0.30 kg |
| CMS142I | M331004 | 2 | CMS 14 double pole | 3 | 0.29 kg |
| CMS143I | K331071 | 3 | CMS 14 triple pole | 2 | 0.43 kg |
| CMS143NI | Q331007 | 3 + N | CMS 14 triple pole + neutral conductor | 1 | 0.57 kg |

### Modulostar® fuse-holders for 14x51 fuse-links, for installation of indicator and/or auxiliary micro switch

| Catalog number | Item number | Number of poles/ phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS141P | W331058 | 1 | CMS14 single pole | 6 | 0.14 kg |
| CMS141NP | X331059 | 1 + N | CMS14 single pole + neutral conductor | 3 | 0.30 kg |
| CMS142P | G331022 | 2 | CMS14 double pole, two auxiliary microswitches | 3 | 0.29 kg |
| CMS143P | R331054 | 3 | CMS14 triple pole | 2 | 0.43 kg |
| CMS143NP | Z331015 | 3 + N | CMS14 triple pole + neutral conductor | 1 | 0.56 kg |

CMS143NM

### Modulostar® fuse-holders for 14x51 fuse-links, with auxiliary microswitch

| Catalog number | Item number | Number of poles/ phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS141M | Z331038 | 1 | CMS14 single pole | 6 | 0.15 kg |
| CMS141NM | L331026 | 1 + N | CMS14 single pole + neutral conductor | 3 | 0.31 kg |
| CMS142M | A331062 | 2 | CMS14 double pole, two auxiliary microswitches | 3 | 0.29 kg |
| CMS143M | F331067 | 3 | CMS14 triple pole | 2 | 0.43 kg |
| CMS143M2 | H331069 | 3 | CMS14 triple pole, two auxiliary microswitches | 2 | 0.43 kg |
| CMS143NM | E331043 | 3 + N | CMS14 triple pole + neutral conductor | 1 | 0.61 kg |

### Modulostar® fuse-holders for 14x51 fuse-links, with indicator and auxiliary microswitch

| Catalog number | Item number | Number of poles/ phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS141MI | S331055 | 1 | CMS14 single pole | 6 | 0.16 kg |
| CMS141NMI | Q331030 | 1 + N | CMS14 single pole + neutral conductor | 3 | 0.30 kg |
| CMS142MI | X331036 | 2 | CMS14 double pole, two auxiliary microswitches | 3 | 0.29 kg |
| CMS143MI | P331006 | 3 | CMS14 triple pole | 2 | 0.45 kg |
| CMS143M2I | Y331037 | 3 | CMS14 triple pole, two auxiliary microswitches | 2 | 0.43 kg |
| CMS143NMI | H331000 | 3 + N | CMS14 triple pole + neutral conductor | 1 | 0.57 kg |

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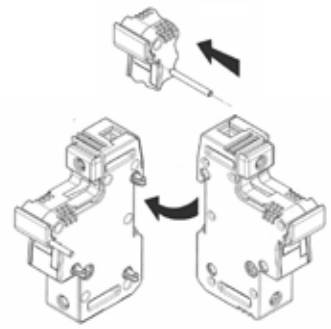
# Modulostar® CMS14

## Modular fuse-holders

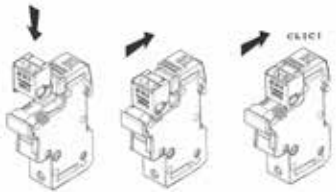
ACCESSORIES



Assembly kit

### Kit for multi phase connection

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| CMS1422PAK | Z218223 | 10 | links for connection of multipole units | 2.1 g |



### Auxiliary Switches

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| CMS14W1 | CMS14W1 | 1 | Auxiliary microswitch kit 1 pole CMS14 | 20 g |
| CMS14W2 | CMS14W2 | 1 | Auxiliary microswitch kit 3 poles CMS14 | 25 g |
| CMS14W3 | CMS14W3 | 1 | 2 Auxiliary microswitches kit 3 poles CMS14 | 29 g |
| CMS1422PTH | CMS1422PTH | 10 | Auxiliary microswitch assembly pin (between 2 kits) | 0.5 g |
| CMS1422BP | CMS1422BP | 10 | Enlargement pin for auxiliary microswitch | 1.5 g |

LOCK

### Locking devices

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| LOCK | M223525 | 1 | Padlock | 0.48 kg |
| TAGLOCKCMS14 | T1015927 | 1 | Locking kit (Tag and lockout) | 20 g |

TBB1A

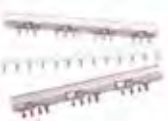
TBB1C

TBB23A

TBB23C

### Power supply

| Catalog number | Item number | Application | Package | Features | Weight |
|---|---|---|---|---|---|
| TBB1A | D210315 | Max. rms current 90A | 50 | 1 phase<br>axial incoming power supply | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 50 | 1 phase<br>lateral incoming power supply | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 50 | 2 & 3 phases<br>axial incoming power supply | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 50 | 2 & 3 phases<br>lateral incoming power supply | 23.1 g |



### Wiring bars / Insulated bus bars

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| CMS14BB3F4 | A210312 | triple pole | Max. rms current 100A,<br>for installation of 4 modules | 5 | 0.12 kg |
| CMS14BB2F6 | Z210311 | double pole | Max. rms current 63A,<br>for installation of 6 modules | 5 | 0.1 kg |
| CMS14BB1F12 | Y210310 | single pole | Max. rms current 63A,<br>for installation of 12 modules | 5 | 47.4 g |

### Indication facilities

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| CMS1422LHI | A225653 | 1 | Indicator light kit | 10 g |

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# Modulostar® CMS22

## Modular fuse-holders

PRODUCT RANGE

CMS222

CMS223

### Modulostar® fuse-holders for 22x58 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS22N | K331094 | N | CMS22 neutral conductor | 6 | 0.22 kg |
| CMS221 | T331079 | 1 | CMS22 single pole | 6 | 0.22 kg |
| CMS221N | H331092 | 1 + N | CMS22 single pole + neutral conductor | 3 | 0.47 kg |
| CMS222 | Q331122 | 2 | CMS22 double pole | 3 | 0.44 kg |
| CMS223 | E331135 | 3 | CMS22 triple pole | 2 | 0.66 kg |
| CMS223N | A331108 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.93 kg |
| CMS224 | Q331099 | 4 | CMS22 quadruple pole | 1 | 0.88 kg |

CMS221I

### Modulostar® fuse-holders for 22x58 fuse-links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS221I | B331086 | 1 | CMS22 single pole | 6 | 0.20 kg |
| CMS221NI | W1001462 | 1 + N | CMS22 single pole + neutral conductor | 3 | 0.41 kg |
| CMS222I | D331134 | 2 | CMS22 double pole | 3 | 0.43 kg |
| CMS223I | L331095 | 3 | CMS22 triple pole | 2 | 0.66 kg |
| CMS223NI | N1001455 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.92 kg |

CMS223P

### Modulostar® fuse-holders for 22x58 fuse-links,for installation of indicator and/or auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS221P | Y331083 | 1 | CMS22 single pole | 6 | 0.22 kg |
| CMS223P | V331126 | 3 | CMS22 triple pole | 2 | 0.64 kg |
| CMS223NP | M331073 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.92 kg |

CMS223NM

### Modulostar® fuse-holders for 22x58 fuse-links, with auxiliary microswitch

| Catalog number | Item number | Number of poles/ phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS221M | S331078 | 1 | CMS22 single pole | 6 | 0.22 kg |
| CMS221NM | W1016642 | 1 + N | CMS22 single pole + neutral conductor | 3 | 0.43 kg |
| CMS222M | V331080 | 2 | CMS22 double pole, two auxiliary microswitches | 3 | 0.47 kg |
| CMS223M | B331109 | 3 | CMS22 triple pole | 2 | 0.66 kg |
| CMS223M2 | C331087 | 3 | CMS22 triple pole, two auxiliary microswitches | 2 | 0.68 kg |
| CMS223NM | T331102 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.86 kg |

### Modulostar® fuse-holders for 22x58 fuse-links, with indicator and auxiliary microswitch

| Catalog number | Item number | Number of poles/ phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS221MI | N331074 | 1 | CMS22 single pole | 6 | 0.23 kg |
| CMS221NMI | N1016589 | 1 + N | CMS22 single pole + neutral conductor | 3 | 0.5 kg |
| CMS222MI | P331098 | 2 | CMS22 double pole, two auxiliary microswitches | 3 | 0.46 kg |
| CMS223MI | E331112 | 3 | CMS22 triple pole | 2 | 0.66 kg |
| CMS223M2I | Q331076 | 3 | CMS22 triple pole, two auxiliary microswitches | 2 | 0.94 kg |
| CMS223NMI | W331104 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.93 kg |

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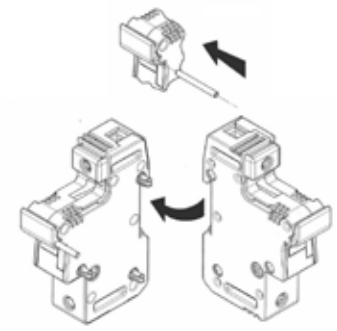
# Modulostar® CMS22
## Modular fuse-holders

ACCESSORIES



Assembly kit

### Kit for multi phase connection

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| CMS1422PAK | Z218223 | 10 | links for connection of multipole units | 2.1 g |

### Auxiliary Switches

| Catalog number | Item number | Design | Package | Features | Weight |
|---|---|---|---|---|---|
| CMS22W1 | CMS22W1 | - | 1 | Auxiliary microswitch kit 1 pole CMS22 | 20 g |
| CMS22W2 | CMS22W2 | Auxiliary microswitch kit 3 poles CMS22 | 1 | - | 32 g |
| CMS22W3 | CMS22W3 | 2 Auxiliary microswitches kit 3 poles CMS22 | 1 | - | 35 g |
| CMS1422PTH | CMS1422PTH | - | 10 | Auxiliary microswitch assembly pin (between 2 kits) | 0.5 g |
| CMS1422BP | CMS1422BP | - | 10 | Enlargement pin for auxiliary microswitch | 1.5 g |

LOCK

### Locking devices

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| LOCK | M223525 | 1 | Padlock | 0.48 kg |
| TAGLOCKCMS22 | V1015928 | 1 | Locking kit (Tag and lockout) | 25 g |

TBB1A TBB1C

TBB23A TBB23C

### Power supply

| Catalog number | Item number | Application | Package | Features | Weight |
|---|---|---|---|---|---|
| TBB1A | D210315 | Max. rms current 90A | 50 | 1 phase<br>axial incoming power supply | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 50 | 1 phase<br>lateral incoming power supply | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 50 | 2 & 3 phases<br>axial incoming power supply | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 50 | 2 & 3 phases<br>lateral incoming power supply | 23.1 g |

### Wiring bars / Insulated bus bars

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| CMS22BB2F6 | C210314 | double pole | Max. rms current 150A,<br>for installation of 6 modules | 5 | 0.30 kg |
| CMS22BB1F12 | B210313 | single pole | Max. rms current 90A,<br>for installation of 12 modules | 5 | 81 g |

### Indication facilities

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| CMS1422LHI | A225653 | 1 | Indicator light kit | 10 g |

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# Compact fuse holders CCR

PRODUCT RANGE

CCR81

## CCR8 for fuse-links 8,5x31mm, 25A, 400V

| Catalog number | Item number | Number of poles/ phases | Design | Standard complience | Package | Weight |
|---|---|---|---|---|---|---|
| CCR81 | C200769 | 1 | CCR8 single pole | IEC60947-3<br>IEC60269-2<br>IEC60269-3 + NF | 12 | 58 g |
| CCR81N | A218730 | 1 + N | CCR8 single pole<br>+ neutral conductor<br>in one module | IEC60947-3<br>IEC60269-2<br>IEC60269-3 + NF | 12 | 58 g |
| CCR82 | V233721 | 2 | CCR8 double pole | IEC60269-2 | 6 | 0.13 kg |
| CCR83 | W233722 | 3 | CCR8 triple pole | IEC60269-2 | 4 | 0.19 kg |
| CCR810N | Z214635 | - | neutral conductor | IEC60947-3<br>IEC60269-2<br>IEC60269-3 + NF | 12 | 58 g |

CCR101N

## CCR10 for fuse-links 10x38mm, 32A, 500V

| Catalog number | Item number | Number of poles/ phases | Design | Standard complience | Package | Weight |
|---|---|---|---|---|---|---|
| CCR101 | N218213 | 1 | CCR10 single pole | IEC60947-3<br>IEC60269-2<br>IEC60269-3 + NF | 12 | 58 g |
| CCR101N | H215655 | 1 + N | CCR10 single pole<br>+ neutral conductor<br>in one module | IEC60947-3<br>IEC60269-2<br>IEC60269-3 + NF | 12 | 62.9 g |
| CCR102 | X233723 | 2 | CCR10 double pole | IEC60269-2 | 6 | 0.13 kg |
| CCR103 | Y233724 | 3 | CCR10 triple pole | IEC60269-3 | 4 | 0.19 kg |
| CCR810N | Z214635 | - | neutral conductor | IEC60947-3<br>IEC60269-2<br>IEC60269-3 + NF | 12 | 58 g |

ACCESSORIES

CMS810PAK

## Kit for multi phase connection

| Catalog number | Item number | Package | Features | Weight |
|---|---|---|---|---|
| CMS810PAK | Z233725 | 12 | Links for connection of multipole units | 0.5 g |

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# Compact fuse-holders CC8, CC10, CC14, CC22

PRODUCT RANGE

### Modulostar® CC8 for fuse-links 8x31mm, 25A, 400V

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|---|---|---|---|---|
| CC81 | E215146 | 1 | 12 | 48 g |

CC101

### Modulostar® CC10 for fuse-links 10x38mm, 32A, 500V

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|---|---|---|---|---|
| CC101 | S211570 | 1 | 12 | 50 g |

### Modulostar® CC14 for fuse-links 14x51mm, 50A, 690V

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|---|---|---|---|---|
| CC141 | S219781 | 1 | 12 | 0.11 kg |

### Modulostar® CC14 for fuse-links 14x51mm, 50A, 690V, rail mounting

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|---|---|---|---|---|
| CC141R | Z211047 | 1 | 12 | 0.11 kg |

### Modulostar® CC22 for fuse-links 22x58mm, 125A, 690V

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|---|---|---|---|---|
| CC221 | X214127 | 1 | 6 | 0.19 kg |

CC221R

### Modulostar® CC22 for fuse-links 22x58mm, 125A, 690V, rail mounting

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|---|---|---|---|---|
| CC221R | B217190 | 1 | 6 | 0.19 kg |

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# Modulostar® CMS27 - Ultrasafe™ US27

PRODUCT RANGE

## Modular fuse-holders

CMS271

### Modulostar® fuse holders for 27x60 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS271 | R210580 | 1 | single pole | 3 | 0.30 kg |
| CMS271N | S210581 | 1 + N | single pole + neutral conductor | 1 | 0.72 kg |
| CMS272 | T210582 | 2 | double pole | 1 | 0.67 kg |
| CMS273 | V210583 | 3 | triple pole | 1 | 0.91 kg |
| CMS273N | W210584 | 3 + N | triple pole + neutral conductor | 1 | 1.25 kg |
| CMS27N | B210152 | N | neutral conductor | 3 | 0.37 kg |

### UltraSafe™ fuse holders for 27x60 fuse-links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271I | J226420 | 1 | single pole | 3 | 0.30 kg |
| US271NI | K226421 | 1+N | single pole + neutral conductor | 1 | 0.73 kg |
| US272I | L226422 | 2 | double pole | 1 | 0.67 kg |
| US273I | M226423 | 3 | triple pole | 3 | 1 kg |
| US273NI | N226424 | 3+N | triple pole + neutral conductor | 1 | 1.27 kg |

### UltraSafe™ fuse holders for 27x60 fuse-links, without indicator

US273

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271 | G320005 | 1 | single pole | 3 | 0.30 kg |
| US272 | H320006 | 2 | double pole | 1 | 0.66 kg |
| US273 | J320007 | 3 | triple pole | 3 | 0.9 kg |
| US27N | R232729 | N | neutral conductor | 3 | 0.37 kg |

US271MI

### UltraSafe™ fuse holders for 27x60 fuse-links, with auxiliary microswitch and indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271MI | R227600 | 1 | single pole | 1 | 0.32 kg |
| US272M2I | T227602 | 2 | double pole, 2 microswitches | 1 | 0.7 kg |
| US272MI | S227601 | 2 | double pole, 1 microswitch | 1 | 0.68 kg |

### UltraSafe™ fuse holders for 27x60 fuse-links, with auxiliary microswitch, indicator and ring lug connection

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271MIRING | Z227607 | 1 | single pole | 1 | 0.54 kg |
| US272M2IRING | B227609 | 2 | double pole, 2 microswitches | 1 | 1.00 kg |

### UltraSafe™ fuse holders for 27x60 fuse-links, with indicator and ring lug connection

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271NIRING | E223518 | 1+N | single pole + neutral conductor | 1 | 0.8 kg |
| US27IRING | B223515 | 1 | single pole | 3 | 0.47 kg |
| US272IRING | C223516 | 2 | double pole | 1 | 1.00 kg |
| US273IRING | D223517 | 3 | triple pole | 3 | 1.39 kg |
| US27NIRING | F223519 | N | neutral conductor | 3 | 0.34 kg |

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# Modulostar® CMS27 - Ultrasafe™ US27

## Modular fuse-holders

ACCESSORIES

### Kit for multi phase connection

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| US27PAK | US27PAK | links for connection of multipole units | 10 | 3 g |

### Auxiliary Switches

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| US27W1 | US27W1 | Microswitch kit | 1 | 20 g |

### Wiring bars / Insulated bus bars

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| RAILDINSYPERF | C213672 | 35mm Mounting rail symmetric drilled | 40 | 0.33 kg |
| RAILDINSY | J213172 | 35mm Mounting rail symmetric | 40 | 0.36 kg |
| RAILDINSYRENFZ | R215203 | 35mm Mounting rail symmetric reinforced | 40 | 0.67 kg |

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# Clips for Cylindrical fuses IEC

## Ø sizes 10, 14, 20, 22, 27, 36, 45, 55

PRODUCT RANGE

MR10CI-RESSORT

### MR 10 and MR 10 CI

| Catalog number | Item number | Rated current $I_n$ | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|---|---|---|---|---|---|---|
| MR10RESSORT | B098004 | 32 A | 32 A | 6 mm² | 20 | 7 g |
| MR10CIRESSORT | Y098507 | 32 A | 32 A | 6 mm² | 1000 | 4.5 g |
| MR10RESSORTSP | C098994 | 32 A | 32 A | 6 mm² | 20 | 5.7 g |

### MR 14

| Catalog number | Item number | Rated current $I_n$ | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|---|---|---|---|---|---|---|
| MR14SPRING | G098170 | 63 A | 63 A | 10 mm² | 10 | 16 g |

### MR 20

| Catalog number | Item number | Rated current $I_n$ | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|---|---|---|---|---|---|---|
| MR20RESSORT | H099988 | 125 A | 125 A | 35 mm² | 20 | 40 g |

### MR 22

| Catalog number | Item number | Rated current $I_n$ | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|---|---|---|---|---|---|---|
| MR22SPRING | K098909 | 135 A | 135 A | 35 mm² | 20 | 40 g |

### MR 27

| Catalog number | Item number | Rated current $I_n$ | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|---|---|---|---|---|---|---|
| MR27RESSORT | Y092734 | 250 A | 250 A | 120 mm² | 20 | 50 g |

### MR 36

| Catalog number | Item number | Rated current $I_n$ | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|---|---|---|---|---|---|---|
| MR36R | M091275 | 250 A | 250 A | 120 mm² | 1 | 85 g |

### MR 45

| Catalog number | Item number | Rated current $I_n$ | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|---|---|---|---|---|---|---|
| MR45R | L096472 | 315 A | 315 A | 185 mm² | 1 | 0.44 kg |
| MR45SPL | S210236 | 315 A | 315 A | 185 mm² | 1 | 0.23 kg |

### MR 55

| Catalog number | Item number | Rated current $I_n$ | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|---|---|---|---|---|---|---|
| MR55R | L078969 | 315 A | 315 A | 185 mm² | 1 | 0.45 kg |

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# NOTES

# IEC D/D0 - LOW VOLTAGE FUSE SYSTEM

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# D fuse-links gG

## 500 to 690VAC/500VDC

PRODUCT RANGE

NDZGG50V16

### Size NDZ gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Package | Weight |
|---|---|---|---|---|---|---|---|
| NDZGG50V2 | W212539 | 500 V | 500 V | 2 A | pink | 25 | 13.3 g |
| NDZGG50V4 | G213055 | 500 V | 500 V | 4 A | brown | 25 | 13.3 g |
| NDZGG50V6 | C213557 | 500 V | 500 V | 6 A | green | 25 | 13.3 g |
| NDZGG50V10 | B214062 | 500 V | 500 V | 10 A | red | 25 | 13.3 g |
| NDZGG50V16 | J214575 | 500 V | 500 V | 16 A | grey | 25 | 13.3 g |
| NDZGG50V20 | Q215087 | 500 V | 500 V | 20 A | blue | 25 | 13.3 g |
| NDZGG50V25 | Q215593 | 500 V | 500 V | 25 A | yellow | 25 | 13.3 g |

DIIGG50V6

### Size DII gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| DIIGG50V2 | Z219718 | 500 V | 500 V | 2 A | pink | 2.1 W | 25 | 26.8 g |
| DIIGG50V4 | G222163 | 500 V | 500 V | 4 A | brown | 2 W | 25 | 26.8 g |
| DIIGG50V6 | B222917 | 500 V | 500 V | 6 A | green | 1.2 W | 25 | 26.8 g |
| DIIGG50V10 | K200707 | 500 V | 500 V | 10 A | red | 1.6 W | 25 | 26.8 g |
| DIIGG50V10/6F | D213558 | 500 V | 500 V | 10 A | red | 1.6 W | 25 | 26.8 g |
| DIIGG50V16 | K201765 | 500 V | 500 V | 16 A | grey | 2.4 W | 25 | 26.8 g |
| DIIGG50V20 | A211508 | 500 V | 500 V | 20 A | blue | 2.1 W | 25 | 26.8 g |
| DIIGG50V25 | X212540 | 500 V | 500 V | 25 A | yellow | 3.5 W | 25 | 26.8 g |

DIIIGG50V63

### Size DIII gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| DIIIGG50V32 | M229091 | 500 V | 500 V | 32 A | black | - | 25 | 51.6 g |
| DIIIGG50V35 | C214063 | 500 V | 500 V | 35 A | black | 3.7 W | 25 | 51.6 g |
| DIIIGG50V50 | K214576 | 500 V | 500 V | 50 A | white | 5.2 W | 25 | 51.6 g |
| DIIIGG50V63 | R215088 | 500 V | 500 V | 63 A | copper | 6 W | 25 | 51.6 g |

DIVGG50V80

### Size DIV gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| DIVGG50V80 | V216609 | 500 V | 500 V | 80 A | silver | 7.9 W | 10 | 110 g |
| DIVGG50V100 | M217637 | 500 V | 500 V | 100 A | red | 8.9 W | 10 | 120 g |

DVGG50V125

### Size DV gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| DVGG50V125 | V218150 | 500 V | 500 V | 125 A | yellow | 10 W | 5 | 200 g |
| DVGG50V160 | G218667 | 500 V | 500 V | 160 A | copper | 16.5 W | 5 | 200 g |
| DVGG50V200 | W219186 | 500 V | 500 V | 200 A | blue | 18 W | 5 | 200 g |

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# D fuse-links flink
## 500VAC/500VDC

NDZFK50V2

### Size NDZ flink

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Package | Weight |
|---|---|---|---|---|---|---|---|
| NDZFK50V2 | C222918 | 500 V | 500 V | 2 A | pink | 25 | 12.9 g |
| NDZFK50V4 | L200708 | 500 V | 500 V | 4 A | brown | 25 | 12.9 g |
| NDZFK50V6 | A201250 | 500 V | 500 V | 6 A | green | 25 | 12.9 g |
| NDZFK50V10 | L201766 | 500 V | 500 V | 10 A | red | 25 | 12.9 g |
| NDZFK50V16 | D207049 | 500 V | 500 V | 16 A | grey | 25 | 12.9 g |
| NDZFK50V20 | B211509 | 500 V | 500 V | 20 A | blue | 25 | 12.9 g |
| NDZFK50V25 | Y212541 | 500 V | 500 V | 25 A | yellow | 25 | 12.9 g |

DIIFK50V2

### Size DII flink

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Package | Weight |
|---|---|---|---|---|---|---|---|
| DIIFK50V2 | E213559 | 500 V | 500 V | 2 A | pink | 25 | 26.8 g |
| DIIFK50V4 | D214064 | 500 V | 500 V | 4 A | brown | 25 | 26.8 g |
| DIIFK50V6 | L214577 | 500 V | 500 V | 6 A | green | 25 | 26.8 g |
| DIIFK50V10 | S215089 | 500 V | 500 V | 10 A | red | 25 | 26.8 g |
| DIIFK50V10/6F | X218152 | 500 V | 500 V | 10 A | red | 25 | 26.8 g |
| DIIFK50V16 | A216108 | 500 V | 500 V | 16 A | grey | 25 | 26.8 g |
| DIIFK50V20 | J217128 | 500 V | 500 V | 20 A | blue | 25 | 26.8 g |
| DIIFK50V25 | P217639 | 500 V | 500 V | 25 A | yellow | 25 | 26.8 g |

DIIIFK50V35

### Size DIII flink

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Package | Weight |
|---|---|---|---|---|---|---|---|
| DIIIFK50V35 | J218669 | 500 V | 500 V | 35 A | black | 25 | 52.8 g |
| DIIIFK50V50 | J222165 | 500 V | 500 V | 50 A | white | 25 | 52.8 g |
| DIIIFK50V63 | M200709 | 500 V | 500 V | 63 A | copper | 25 | 52.8 g |

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# D fuse-bases and accessories

PRODUCT RANGE

00685.110000

## Size DII/DIII with touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| 00685.110000 | D211511 | DII | 500 V | 500 V | 25 A | 1 | Cross section 1,5 to 10 mm² | Clamping yokes | 10 | 120 g |
| 00686.410000 | C216110 | DIII | 500 V | 500 V | 63 A | 1 | Cross section 2,5 to 25 mm² | Clamp straps with 2 screws / clamping yoke | 10 | 170 g |

00685.100000

## Size DII/DIII without touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| 00685.100000 | K207055 | DII | 500 V | 500 V | 25 A | 1 | Cross section 1,5 to 10 mm² | Clamping yokes | 15 | 100 g |
| 00686.400000 | V215597 | DIII | 500 V | 500 V | 63 A | 1 | Cross section 2,5 to 25 mm² | Clamp straps with 2 screws / clamping yoke | 15 | 150 g |

00081.110000

## Size DII/DIII with touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| 00081.110000 | Z219189 | DII | 500 V | 500 V | 25 A | 1 | Cross section 1,5 to 10 mm² | Clamping yokes | 10 | 120 g |
| 00072.410000 | A212543 | DIII | 500 V | 500 V | 63 A | 1 | Cross section 2,5 to 25 mm² | Clamp straps with 2 screws / clamping yoke | 10 | 160 g |

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# D fuse-bases and accessories

PRODUCT RANGE

00081.100000

## Size DII/DIII without touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| 00081.100000 | K218670 | DII | 500 V | 500 V | 25 A | 1 | Cross section 1,5 to 10 mm² | Clamping yokes | 15 | 100 g |
| 00072.400000 | H212021 | DIII | 500 V | 500 V | 63 A | 1 | Cross section 2,5 to 25 mm² | Clamp straps with 2 screws / clamping yoke | 15 | 150 g |

00685.700000

## Size DII/DIII cover caps for touch protection

| Catalog number | Item number | Size | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 00685.700000 | H214068 | DII | 1 | Width 40mm | 30 | 15 g |
| 00625.700000 | N213061 | DII | 3 | Width 107mm | 8 | 110 g |
| 00686.700000 | X215093 | DIII | 1 | Width 50mm | 30 | 17 g |
| 00686.709000 | X215599 | DIII | 1 | Width 54mm | 30 | 18.5 g |

02071.000000

## D Screw caps, plastic-design, with testing hole

| Catalog number | Item number | Size | Thread | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Design | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 02071.000000 | L201720 | DII | E27 | 500 V | 500 V | 25 A | with testing-hole | 20 | 28.7 g |
| 02072.000000 | E214019 | DIII | E33 | 500 V | 500 V | 63 A | with testing-hole | 20 | 27.7 g |

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# D fuse-bases and accessories

PRODUCT RANGE

00590.000200

00690.000200

00589.000000

00605.000000

## D Screw caps, porcelain-design

| Catalog number | Item number | Size | Thread | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| **with testing-hole** | | | | | | | | |
| 00590.000200 | L217130 | DII | E27 | 500 V | 500 V | 25 A | 20 | 38.8 g |
| 00591.000200 | R217641 | DIII | E33 | 500 V | 500 V | 63 A | 20 | 64.6 g |
| **with testing-hole and stainless steel** | | | | | | | | |
| 00690.000200 | E218619 | DII | E27 | 500 V | 500 V | 25 A | 20 | 41 g |
| 00691.000200 | B213004 | DIII | E33 | 500 V | 500 V | 63 A | 20 | 37.3 g |
| **without testing-hole** | | | | | | | | |
| 00589.000000 | Z216613 | NDZ | E16 | 500 V | 500 V | 25 A | 50 | 21.2 g |
| 00690.000000 | Z218108 | DII | E27 | 500 V | 500 V | 25 A | 20 | 39.5 g |
| 00691.000000 | F211973 | DIII | E33 | 500 V | 500 V | 63 A | 20 | 60 g |
| **long design** | | | | | | | | |
| 00605.000000 | L218671 | DIII | E33 | 690 V | - | 16 A | 25 | 110 g |

01657.002000

01658.063000

## D Screw gauge pieces

| Catalog number | Item number | Size | Rated current $I_n$ | Colour | Package | Weight |
|---|---|---|---|---|---|---|
| 01657.002000 | A219190 | DII | 2 A | pink | 25 | 14.2 g |
| 01657.004000 | D219722 | DII | 4 A | brown | 25 | 14.2 g |
| 01657.006000 | L222167 | DII | 6 A | green | 25 | 14.2 g |
| 01657.010000 | F222921 | DII | 10 A | red | 25 | 14.2 g |
| 01657.016000 | P200711 | DII | 16 A | grey | 25 | 14.2 g |
| 01657.020000 | D201253 | DII | 20 A | blue | 25 | 14.2 g |
| 01657.025000 | P201769 | DII | 25 A | yellow | 25 | 14.2 g |
| 01658.035000 | C207071 | DIII | 35 A | black | 25 | 22 g |
| 01658.050000 | E211512 | DIII | 50 A | white | 25 | 22 g |
| 01658.063000 | J212022 | DIII | 63 A | copper | 25 | 22 g |

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# D fuse-bases and accessories

PRODUCT RANGE

01652.002000

## D Gauge rings

| Catalog number | Item number | Size | Rated current $I_n$ | Colour | Package | Weight |
|---|---|---|---|---|---|---|
| 01652.002000 | W215092M | DII | 2 A | pink | 25 | 4.9 g |
| 01652.004000 | W215598M | DII | 4 A | brown | 25 | 4.9 g |
| 01652.006000 | D216111M | DII | 6 A | green | 25 | 4.9 g |
| 01652.010000 | A216614M | DII | 10 A | red | 25 | 4.9 g |
| 01652.016000 | M217131M | DII | 16 A | grey | 25 | 4.9 g |
| 01652.020000 | S217642M | DII | 20 A | blue | 25 | 4.9 g |
| 01652.025000 | A218155M | DII | 25 A | yellow | 25 | 4.9 g |
| 01653.002000 | M218672M | DIII | 2 A | pink | 25 | 7.6 g |
| 01653.004000 | E219723M | DIII | 4 A | brown | 25 | 7.6 g |
| 01653.006000 | M222168M | DIII | 6 A | green | 25 | 7.6 g |
| 01653.010000 | G222922M | DIII | 10 A | red | 25 | 7.6 g |
| 01653.016000 | Q200712M | DIII | 16 A | grey | 25 | 7.6 g |
| 01653.020000 | E201254M | DIII | 20 A | blue | 25 | 7.6 g |
| 01653.025000 | Q201770M | DIII | 25 A | yellow | 25 | 7.6 g |
| 01653.035000 | L207079M | DIII | 35 A | black | 25 | 7.6 g |
| 01653.050000 | F211513M | DIII | 50 A | white | 25 | 7.6 g |

01657.993000

## Key for D Gauge pieces

| Catalog number | Item number | Size | Package | Weight |
|---|---|---|---|---|
| 01657.993000 | E216112 | DII/DIII | 10 | 22.5 g |

00181.900000

## D Touch protection rings

| Catalog number | Item number | Size | Package | Weight |
|---|---|---|---|---|
| 00181.900000 | K222120 | DII | 50 | 15 g |
| 00182.900000 | A222870 | DIII | 40 | 18.7 g |

00581.000000

## D Adapter fittings

| Catalog number | Item number | Size | Design | Package | Weight |
|---|---|---|---|---|---|
| 00581.000000 | C212545 | DII -> DIII | for DII fuse-links to DIII fuse-bases | 24 | 14.1 g |

02071.800000

## D Locking caps

| Catalog number | Item number | Size | Thread | Rated current $I_n$ | Colour | Design | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| 02071.800000 | B216615 | DII | E27 | 25 A | black | EVU, for authorized personal only | 5 | 32.7 g |
| 02071.810000 | N217132 | DII | E33 | 25 A | red | Industrie | 5 | 32.7 g |
| 02072.800000 | T217643 | DIII | E27 | 63 A | black | EVU, for authorized personal only | 5 | 38.5 g |
| 02072.810000 | B218156 | DIII | E33 | 63 A | red | Industrie | 5 | 38.5 g |

01714.820000

## D Locking keys

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 01714.820000 | K213564A | for authorized personnel only (Utilities) | 1 | 32.5 g |
| 01714.830000 | J214069A | - | 1 | 45 g |

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# NEOZED D0 fuse-links aM 400/440VAC

PRODUCT RANGE

D02AM44V25

## Size D02 (E18) aM

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Utilisation category | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| D02AM44V20 | H211607 | 440 V | 20 A | blue | 2.5 W | aM | 10 | 13.2 g |
| D02AM44V25 | F212640 | 440 V | 25 A | yellow | 3 W | aM | 10 | 13.2 g |
| D02AM44V35 | J213655 | 440 V | 35 A | black | 4 W | aM | 10 | 13.2 g |

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# NEOZED D0 fuse-links gG 400/440VAC

PRODUCT RANGE

D01GG40V2

## Size D01 (E14) gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Utilisation category | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| D01GG40V2 | T214676 | 400 V | 250 V | 2 A | pink | 1.5 W | gG | 50 | 6.6 g |
| D01GG40V4 | W200809 | 400 V | 250 V | 4 A | brown | 1.6 W | gG | 50 | 6.6 g |
| D01GG40V6 | B215695 | 400 V | 250 V | 6 A | green | 1.7 W | gG | 50 | 6.6 g |
| D01GG40V10 | W211090 | 400 V | 250 V | 10 A | red | 1.8 W | gG | 50 | 6.6 g |
| D01GG40V13 | C201206 | 400 V | 250 V | 13 A | black | 2.1 W | gG | 50 | 6.6 g |
| D01GG40V16 | R223023 | 400 V | 250 V | 16 A | grey | 2.2 W | gG | 50 | 6.6 g |

D02GG40V20

## Size D02 (E18) gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Utilisation category | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| D02GG40V20 | B217742 | 400 V | 250 V | 20 A | blue | 2 W | gG | 50 | 12 g |
| D02GG40V25 | W213160 | 400 V | 250 V | 25 A | yellow | 3 W | gG | 50 | 12 g |
| D02GG40V32 | S227647 | 400 V | 250 V | 32 A | black | - | gG | 50 | 12 g |
| D02GG40V35 | R219826 | 400 V | 250 V | 35 A | black | 3.9 W | gG | 50 | 12 g |
| D02GG40V40 | Q1028666 | 400 V | 250 V | 40 A | black | 3.9 W | gG | 50 | 12 g |
| D02GG40V50 | D215191 | 400 V | 250 V | 50 A | white | 4.7 W | gG | 50 | 12 g |
| D02GG40V63 | C201873 | 400 V | 250 V | 63 A | copper | 5.4 W | gG | 50 | 12 g |

D03GG40V80

## Size D03 (M30x2) gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Utilisation category | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| D03GG40V80 | L216716 | 400 V | 250 V | 80 A | silver | 5.6 W | gG | 10 | 41 g |
| D03GG40V100 | N212647 | 400 V | 250 V | 100 A | red | 6.7 W | gG | 10 | 41 g |

D01GG44V10

## Size D01 (E14) gG Marine

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Utilisation category | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| D01GG44V2 | E218780 | 440 V | 250 V | 2 A | pink | 1.5 W | gG | 50 | 6.6 g |
| D01GG44V4 | V219829 | 440 V | 250 V | 4 A | brown | 1.6 W | gG | 50 | 6.6 g |
| D01GG44V6 | X223028 | 440 V | 250 V | 6 A | green | 1.7 W | gG | 50 | 6.6 g |
| D01GG44V10 | S201358 | 440 V | 250 V | 10 A | red | 1.8 W | gG | 50 | 6.6 g |
| D01GG44V16 | C211096 | 440 V | 250 V | 16 A | grey | 2.2 W | gG | 50 | 6.6 g |

D02GG44V25

## Size D02 (E18) gG Marine

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Colour | Power dissipation at $I_n$ | Utilisation category | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| D02GG44V20 | X212126 | 440 V | 250 V | 20 A | blue | 2 W | gG | 50 | 12.6 g |
| D02GG44V25 | S213663 | 440 V | 250 V | 25 A | yellow | 3 W | gG | 50 | 12.6 g |
| D02GG44V35 | C214684 | 440 V | 250 V | 35 A | black | 3.9 W | gG | 50 | 12.6 g |
| D02GG44V50 | J215702 | 440 V | 250 V | 50 A | white | 4.7 W | gG | 50 | 12.6 g |
| D02GG44V63 | N216718 | 440 V | 250 V | 63 A | copper | 5.1 W | gG | 50 | 12.6 g |

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# NEOKIT

PRODUCT RANGE

## D0 fuse-disconnectors 400VAC

09490.021000

### Size D01 (E14) with fuse-monitoring, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/phases | Connection | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| 09490.021000 | D1004390 | D01 | 400 V | 2 A | 1 | Cross section 1.5 to 16mm² | 12 | 61 g |
| 09490.041000 | E1004391 | D01 | 400 V | 4 A | 1 | Cross section 1.5 to 16mm² | 12 | 61 g |
| 09490.061000 | F1004392 | D01 | 400 V | 6 A | 1 | Cross section 1.5 to 16mm² | 12 | 61 g |
| 09490.062000 | G1004393 | D01 | 400 V | 6 A | 2 | Cross section 1.5 to 16mm² | 6 | 120 g |
| 09490.063000 | J1004395 | D01 | 400 V | 6 A | 3 | Cross section 1.5 to 16mm² | 4 | 180 g |
| 09490.101000 | K1004396 | D01 | 400 V | 10 A | 1 | Cross section 1.5 to 16mm² | 12 | 61 g |
| 09490.102000 | L1004397 | D01 | 400 V | 10 A | 2 | Cross section 1.5 to 16mm² | 6 | 120 g |
| 09490.103000 | M1004398 | D01 | 400 V | 10 A | 3 | Cross section 1.5 to 16mm² | 4 | 180 g |
| 09490.131000 | P1004400 | D01 | 400 V | 13 A | 1 | Cross section 1.5 to 16mm² | 12 | 61 g |
| 09490.132000 | Q1004401 | D01 | 400 V | 13 A | 2 | Cross section 1.5 to 16mm² | 6 | 120 g |
| 09490.133000 | R1004402 | D01 | 400 V | 13 A | 3 | Cross section 1.5 to 16mm² | 4 | 180 g |
| 09490.161000 | S1004403 | D01 | 400 V | 16 A | 1 | Cross section 1.5 to 16mm² | 12 | 61 g |
| 09490.162000 | T1004404 | D01 | 400 V | 16 A | 2 | Cross section 1.5 to 16mm² | 6 | 120 g |
| 09490.163000 | W1004406 | D01 | 400 V | 16 A | 3 | Cross section 1.5 to 16mm² | 4 | 180 g |

09490.021100

### Size D01 (E14) without fuse-monitoring, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| 09490.021100 | N1004376 | D01 | 400 V | 2 A | 1 | Cross section 1.5 to 16mm² | 12 | 59 g |
| 09490.041100 | P1004377 | D01 | 400 V | 4 A | 1 | Cross section 1.5 to 16mm² | 12 | 59 g |
| 09490.061100 | Q1004378 | D01 | 400 V | 6 A | 1 | Cross section 1.5 to 16mm² | 12 | 59 g |
| 09490.062100 | R1004379 | D01 | 400 V | 6 A | 2 | Cross section 1.5 to 16mm² | 6 | 120 g |
| 09490.063100 | S1004380 | D01 | 400 V | 6 A | 3 | Cross section 1.5 to 16mm² | 4 | 180 g |
| 09490.101100 | T1004381 | D01 | 400 V | 10 A | 1 | Cross section 1.5 to 16mm² | 12 | 59 g |
| 09490.102100 | V1004382 | D01 | 400 V | 10 A | 2 | Cross section 1.5 to 16mm² | 6 | 120 g |
| 09490.103100 | W1004383 | D01 | 400 V | 10 A | 3 | Cross section 1.5 to 16mm² | 4 | 180 g |
| 09490.131100 | X1004384 | D01 | 400 V | 13 A | 1 | Cross section 1.5 to 16mm² | 12 | 59 g |
| 09490.132100 | Y1004385 | D01 | 400 V | 13 A | 2 | Cross section 1.5 to 16mm² | 6 | 120 g |
| 09490.133100 | Z1004386 | D01 | 400 V | 13 A | 3 | Cross section 1.5 to 16mm² | 4 | 180 g |
| 09490.161100 | A1004387 | D01 | 400 V | 16 A | 1 | Cross section 1.5 to 16mm² | 12 | 59 g |
| 09490.162100 | B1004388 | D01 | 400 V | 16 A | 2 | Cross section 1.5 to 16mm² | 6 | 120 g |
| 09490.163100 | C1004389 | D01 | 400 V | 16 A | 3 | Cross section 1.5 to 16mm² | 4 | 180 g |

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# INNOZED®

PRODUCT RANGE

## D0 fuse-bases with touch protection

04724.000000

### INNOZED D01 16 A, 400 V AC single pole E14

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 04724.000000 | W1032489 | both sides double function clamp 1.5-35 mm² | 9 | 83.3 g |

04734.000000

### INNOZED D01 16 A, 400 V AC triple pole E14

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 04734.000000 | X1032490 | both sides double function clamp 1.5-35 mm² | 3 | 240 g |

04725.000000

### INNOZED D02 63 A, 400 V AC single pole E18

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 04725.000000 | Y1032491 | both sides double function clamp 1.5-35 mm² | 9 | 80.8 g |

04735.000000

### INNOZED D02 63 A, 400 V AC triple pole E18

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 04735.000000 | Z1032492 | both sides double function clamp 1.5-35 mm² | 3 | 240 g |

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# INNOZED®

ACCESSORIES

## D0 fuse-bases with touch protection

01714.000200

01715.000000

### D0 screw caps 400V AC synthetic

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01714.000200 | E212501 | D01, E14, 16A, with testing hole | 20 | 11.8 g |
| 01715.000200 | P211981 | D02, E18, 63A, with testing hole | 20 | 11.6 g |
| 11714.000220 | R214536 | D01, E14, 16A, with sealing and testing hole | 20 | 11.6 g |
| 11715.000220 | S214537 | D02, E18, 63A, with sealing and testing hole | 20 | 11.6 g |
| 01715.000000 | L206435 | D02, E18, 63A, without testing hole | 20 | 12 g |
| 01715.890200 | M214026 | D02, E18, 63A, with adapter insert for fuse links size D01 | 20 | 12.4 g |

01711.000200

01770.000200

### D0 screw caps 400/440 VAC, 250 V DC porcelain, with removal grips

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01710.000200 | H201211 | D01, E14, 16A, with testing hole | 20 | 16.4 g |
| 01711.000200 | T215044 | D02, E18, 63A, with testing hole | 20 | 18.5 g |
| 01770.000200 | F1033740 | D01, E14, 16A, with testing hole | 20 | 16.4 g |

01705.006000

01705.010000

### D0 cartridge ring adapter inserts D01 E14

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01705.002000 | J216576 | 2A, pink | 50 | 0.4 g |
| 01705.004000 | J219681 | 4A, brown | 50 | 0.4 g |
| 01705.006000 | P206438 | 6A, green | 50 | 0.4 g |
| 01705.010000 | M213014 | 10A, red | 50 | 0.4 g |

01706.002000

01706.020000

### D0 cartridge ring adapter inserts D02 E18

| Catalog number | Item number | Application | Features | Package | Weight |
|---|---|---|---|---|---|
| 01706.002000 | K216577 | For D01 fuse links in D02 fuse bases | 2A, pink | 50 | 0.6 g |
| 01706.004000 | S222127 | For D01 fuse links in D02 fuse bases | 4A, brown | 50 | 0.6 g |
| 01706.006000 | R211983 | For D01 fuse links in D02 fuse bases | 6A, green | 50 | 0.6 g |
| 01706.010000 | H216069 | For D01 fuse links in D02 fuse bases | 10A, red | 50 | 0.6 g |
| 01706.016000 | Q218629 | For D01 fuse links in D02 fuse bases | 16A, grey | 50 | 0.5 g |
| 01706.020000 | S200668 | For D02 fuse links | 20A, blue | 50 | 0.5 g |
| 01706.025000 | R213524 | For D02 fuse links | 25A, yellow | 50 | 0.6 g |
| 01706.035000 | J216070 | For D02 fuse links | 35A, black | 50 | 0.5 g |
| 01706.050000 | R218630 | For D02 fuse links | 50A, white | 50 | 0.6 g |

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# INNOZED®

## D0 fuse-bases with touch protection

02963.000000

22963.003000

22963.363000

02901.000000

02901.350000

02903.165000

### Wiring bars

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 02963.000000 | M215107 | single pole, 16 mm²,<br>partition 27 mm (distance of poles),<br>peg design, L-shaped | 5 | 170 g |
| 22963.003000 | K302873 | triple pole, 16 mm²,<br>partition 27 mm (distance of poles),<br>peg design, L-shaped | 5 | 660 g |
| 22963.361000 | J1002417 | single pole, 35 mm²,<br>partition 27 mm (distance of poles),<br>peg design, L-shaped | 5 | 470 g |
| 22963.363000 | L302874 | triple pole, 35 mm²,<br>partition 27 mm (distance of poles),<br>peg design, L-shaped | 5 | 1210 g |
| 02901.000000 | E302891 | end cap<br>for single pole wiring bus bar | 10 | 0.4 g |
| 02901.350000 | K1002418 | endcover<br>for triple pole wiring bus bar | 10 | 0.5 g |
| 02903.165000 | G302893 | end cap<br>for triple pole wiring bus bars up to 16 mm² | 10 | 1.8 g |
| 02903.350000 | R302902 | end cap<br>for triple pole wiring bus bars up to 35 mm² | 10 | 1.5 g |

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# NEOZED D0 fuse-bases 400VAC

PRODUCT RANGE

01720.170000

## Size D01 (E14) with touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 01720.170000 | B211463 | D01 | 400 V | 16 A | 1 | Cross section 1,5 to 4 mm² | Clamping yokes | 20 | 76.7 g |
| 01720.370000 | T215550 | D01 | 400 V | 16 A | 1 | Cross section 1,5 to 4 mm² | Clamping yoke / screw terminal | 20 | 69.5 g |
| 01730.172000 | A219144 | D01 | 400 V | 16 A | 3 | Cross section 1,5 to 4 mm² | Clamping yokes | 5 | 220 g |

01720.150000

## Size D01 (E14) without touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 01720.150000 | J200660 | D01 | 400 V | 16 A | 1 | Cross section 1,5 to 4 mm² | Clamping yokes | 20 | 68 g |
| 01730.152000 | B216063 | D01 | 400 V | 16 A | 3 | Cross section 1,5 to 4 mm² | Clamping yokes | 5 | 41 g |

01720.100000

## Size D01 (E14) without touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 01720.100000 | Z216061 | D01 | 400 V | 16 A | 1 | Cross section 1,5 to 4 mm² | Clamping yokes | 20 | 3.2 g |
| 01730.100000 | K200661 | D01 | 400 V | 16 A | 3 | Cross section 1,5 to 4 mm² | Clamping yokes | 5 | 40 g |

01721.270000

## Size D02 (E18) with touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 01721.270000 | M200663 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm² | Clamp straps with 2 screws | 20 | 89.5 g |
| 01721.470000 | K218624 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm² | Clamp strap with 2 screws / screw terminal | 20 | 93 g |
| 01731.272000 | E222874 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm² | Clamp straps with 2 screws | 5 | 280 g |

01721.450000

## Size D02 (E18) without touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 01721.250000 | J218623 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm² | Clamp straps with 2 screws | 20 | 72 g |
| 01721.450000 | W215552 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm² | Clamp strap with 2 screws / screw terminal | 20 | 72 g |
| 01731.252000 | Y217601 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm² | Clamp straps with 2 screws | 5 | 250 g |
| 01731.452000 | M211979 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm² | Clamp strap with 2 screws / screw terminal | 5 | 46.2 g |

01721.200000

## Size D02 (E18) without touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 01721.200000 | M214532 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm² | Clamp straps with 2 screws | 20 | 71.5 g |
| 01721.400000 | F213008 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm² | Clamp strap with 2 screws / screw terminal | 20 | 72 g |
| 01731.200000 | F216573 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm² | Clamp straps with 2 screws | 5 | 240 g |
| 01731.400000 | K206365 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm² | Clamp strap with 2 screws / screw terminal | 5 | 9 g |

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# NEOZED D0 fuse-bases 400VAC

PRODUCT RANGE

01722.470000

## Size D03 (M30x2) with touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 01722.470000 | F216067 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm² | Clamp strap with 2 screws / screw terminal | 10 | 220 g |

01722.450000

## Size D03 (M30x2) without touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 01722.450000 | Q214535 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm² | Clamp strap with 2 screws / screw terminal | 10 | 200 g |

01722.400000

## Size D03 (M30x2) without touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| 01722.400000 | J213011 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm² | Clamp strap with 2 screws / screw terminal | 10 | 190 g |

01722.480000

## Size D03 general fuse-bases with cover cap

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **snap-on-fixing** | | | | | | | | | |
| 01722.480000 | H219680 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm² | Clamp strap with 2 screws / screw terminal | 10 | 260 g |
| **screw mounting** | | | | | | | | | |
| 01722.430000 | K214024 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm² | Clamp strap with 2 screws / screw terminal | 10 | 250 g |

01738.250000

## Size D02 triple-pole fuse-bases without touch protection

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Number of poles/ phases | Connection | Cable termination | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **snap-on fixing** | | | | | | | | | |
| 01738.250000 | B218110 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm² | Clamp straps with 2 screws | 5 | 42.6 g |
| **screw mounting** | | | | | | | | | |
| 01738.200000 | Z217602 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm² | Clamp straps with 2 screws | 5 | 41.6 g |

01732.700000

## Size D01-D03 cover caps for touch protection

| Catalog number | Item number | Size | Number of poles/phases | Package | Weight |
|---|---|---|---|---|---|
| **Base Size D01/D02, triple-pole (standard), write on** | | | | | |
| 01732.700000 | M216579 | D01/02 | 3 | 20 | 22.7 g |
| **Base Size D01/D02, single-pole (standard), write on** | | | | | |
| 01718.700000 | V200670 | D01/02 | 1 | 50 | 9.6 g |
| **Base Size D03, single-pole** | | | | | |
| 01728.000000 | V211986 | D03 | 1 | 40 | 20.5 g |

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# NEOZED D0 fuse-bases 400VAC

ACCESSORIES

01714.000200

01715.000000

## D0 screw caps 400V AC synthetic

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01714.000200 | E212501 | D01, E14, 16A, with testing hole | 20 | 11.8 g |
| 01715.000200 | P211981 | D02, E18, 63A, with testing hole | 20 | 11.6 g |
| 11714.000220 | R214536 | D01, E14, 16A, with sealing and testing hole | 20 | 11.6 g |
| 11715.000220 | S214537 | D02, E18, 63A, with sealing and testing hole | 20 | 11.6 g |
| 01715.000000 | L206435 | D02, E18, 63A, without testing hole | 20 | 12 g |
| 01715.890200 | M214026 | D02, E18, 63A, with adapter insert for fuse links size D01 | 20 | 12.4 g |

01711.000200

01770.000200

## D0 screw caps 400/440 VAC, 250 V DC porcelain, with removal grips

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01770.000200 | F1033740 | D01, E14, 16A, with testing hole | 20 | 16.4 g |
| 01711.000200 | T215044 | D02, E18, 63A, with testing hole | 20 | 18.5 g |
| 01712.000200 | V215045 | D03, M30x2, 100A, with testing hole | 10 | 84 g |

01705.006000

01705.010000

## D0 cartridge ring adapter inserts D01 E14

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01705.002000 | J216576 | 2A, pink | 50 | 0.4 g |
| 01705.004000 | J219681 | 4A, brown | 50 | 0.4 g |
| 01705.006000 | P206438 | 6A, green | 50 | 0.4 g |
| 01705.010000 | M213014 | 10A, red | 50 | 0.4 g |
| 01716.000000 | X222936 | Screw cap wrench | 1 | 30 g |

01716.000000

01706.002000

01706.020000

## D0 cartridge ring adapter inserts D02 E18

| Catalog number | Item number | Application | Features | Package | Weight |
|---|---|---|---|---|---|
| 01706.002000 | K216577 | For D01 fuse links in D02 fuse bases | 2A, pink | 50 | 0.6 g |
| 01706.004000 | S222127 | For D01 fuse links in D02 fuse bases | 4A, brown | 50 | 0.6 g |
| 01706.006000 | R211983 | For D01 fuse links in D02 fuse bases | 6A, green | 50 | 0.6 g |
| 01706.010000 | H216069 | For D01 fuse links in D02 fuse bases | 10A, red | 50 | 0.6 g |
| 01706.016000 | Q218629 | For D01 fuse links in D02 fuse bases | 16A, grey | 50 | 0.5 g |
| 01706.020000 | S200668 | For D02 fuse links | 20A, blue | 50 | 0.5 g |
| 01706.025000 | R213524 | For D02 fuse links | 25A, yellow | 50 | 0.6 g |
| 01706.035000 | J216070 | For D02 fuse links | 35A, black | 50 | 0.5 g |
| 01706.050000 | R218630 | For D02 fuse links | 50A, white | 50 | 0.6 g |

01707.080000

## D0 cartridge ring adapter inserts D03 M30x2

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01707.080000 | T200669 | 80A, silver | 20 | 1.6 g |

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# NEOZED D0 fuse-bases 400VAC

ACCESSORIES

01714.800000

01715.810000

01714.830000

## Locking devices

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01714.810000 | P213062E | Locking cap for D01 E14 fuse-bases | 5 | 12.4 g |
| 01714.800000 | D212546E | Locking cap for D01 E14 fuse-bases for authorized personal only (EVU) | 5 | 12.2 g |
| 01715.810000 | Y215094E | Locking cap for D02 E18 fuse-bases | 5 | 13.7 g |
| 01715.800000 | R214582E | Locking cap for D02 E18 fuse-bases for authorized personal only (EVU) | 5 | 14 g |
| 01714.830000 | J214069A | Special key for locking caps | 1 | 45 g |

01713.000000

## Adapter inserts

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01709.000000 | P214028 | Adapter for Size D02 fuse-links in Size D03 bases | 25 | 1.3 g |
| 01713.000000 | Z215049 | Adapter for Size D01 fuse-links in Size D02 bases | 50 | 0.9 g |
| 01733.000000 | J218117 | Adapter for Size D01 fuse-links in DL-bases | 100 | 0.2 g |

01708.000000

## Adapter removal and fitting devices

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01708.000000 | J212505 | Screw removal and insertion key to remove and insert cartridge ring adapter inserts size D01-D03 | 1 | 19.7 g |

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# LINOCUR®

PRODUCT RANGE

## Size D02 63A 230VAC/440VAC

05861.063000

05863.063000

### D0 Linocur® D02 230 to 400VAC, 65VDC

| Catalog number | Item number | Rated current $I_n$ | Number of poles/ phases | Width | Cross section | Package | Weight |
|---|---|---|---|---|---|---|---|
| 05861.063000 | Z1012620 | 63 A | 1 | 27 mm | 35 mm² | 3 | 210 g |
| 05862.063000 | J1012606 | 63 A | 2 | 54 mm | 35 mm² | 2 | 320 g |
| 05863.063000 | B1012622 | 63 A | 3 | 81 mm | 35 mm² | 1 | 640 g |
| 05861.063100 | H1012628 | 63 A | 1+N | 54 mm | 35 mm² | 2 | 320 g |
| 05863.063100 | E1012602 | 63 A | 3+N | 108 mm | 35 mm² | 1 | 640 g |

05864.063000

### D0 Linocur® D02 220VDC

| Catalog number | Item number | Rated current $I_n$ | Number of poles/ phases | Width | Cross section | Package | Weight |
|---|---|---|---|---|---|---|---|
| 05864.063000 | L1012608 | 63 A | 4 | 108 mm | 35 mm² | 1 | 630 g |

05863.050000

### D0 Linocur® D02 230VAC to 400VAC, 65VDC, with fuse-links and fixed gauge pieces

| Catalog number | Item number | Rated current $I_n$ | Number of poles/ phases | Width | Cross section | Package | Weight |
|---|---|---|---|---|---|---|---|
| 05861.020000 | M1012609 | 20 A | 1 | 27 mm | 35 mm² | 3 | 210 g |
| 05861.025000 | A1012621 | 25 A | 1 | 27 mm | 35 mm² | 3 | 210 g |
| 05862.025000 | B1012760 | 25 A | 2 | 54 mm | 35 mm² | 2 | 320 g |
| 05863.025000 | G1012627 | 25 A | 3 | 81 mm | 35 mm² | 1 | 640 g |
| 05861.035000 | N1012610 | 35 A | 1 | 27 mm | 35 mm² | 3 | 210 g |
| 05862.035000 | D1012624 | 35 A | 2 | 54 mm | 35 mm² | 2 | 320 g |
| 05863.035000 | E1012625 | 35 A | 3 | 81 mm | 35 mm² | 1 | 640 g |
| 05861.050000 | C1012761 | 50 A | 1 | 27 mm | 35 mm² | 3 | 210 g |
| 05862.050000 | D1012762 | 50 A | 2 | 54 mm | 35 mm² | 2 | 320 g |
| 05863.050000 | P1012611 | 50 A | 3 | 81 mm | 35 mm² | 1 | 640 g |

05863.063040

### D0 Linocur® D02 250VAC to 440 VAC (suitable for marine application)

| Catalog number | Item number | Rated current $I_n$ | Number of poles/ phases | Width | Cross section | Package | Weight |
|---|---|---|---|---|---|---|---|
| 05861.063040 | H1012605 | 63 A | 1 | 27 mm | 35 mm² | 3 | 140 g |
| 05862.063040 | S1012614 | 63 A | 2 | 54 mm | 35 mm² | 2 | 320 g |
| 05863.063040 | J1012629 | 63 A | 3 | 81 mm | 35 mm² | 1 | 640 g |
| 05863.063140 | T1012615 | 63 A | 3+N | 108 mm | 35 mm² | 1 | 250 g |

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# LINOCUR®

## Size D02 63A 230VAC/440VAC

ACCESSORIES

01713.700000

01715.700000

### D0 screw caps 400V AC synthetic

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01713.700000 | W1016665 | Reduction Spring, for the use of D01 fuse-links in the bayonet screw cap Size D01 | 10 | 1 g |
| 01715.700000 | K1015206 | Replacement srew cap with sealing hole, without testing hole D02, 63A | 10 | 12.5 g |

01716.000000

### D0 cartridge ring adapter inserts D01 E14

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| 01716.000000 | X222936 | Screw cap wrench | 1 | 30 g |

01715.710000

01714.830000

### Locking devices

| Catalog number | Item number | Design | Features | Rated current $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| 01715.710000 | L1015207 | - | Locking cap for D0 Linocur, with industrial locking wrench 63A | 63 A | 10 | 6 g |
| 01714.830000 | J214069 | - | Special key for locking caps | - | 1 | 45 g |

02963.000000

22963.003000

22963.363000

02901.000000

02903.165000

### Wiring bars

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 02923.109156 | D302890 | special wiring bar to connect Linocur (27mm) with miniature circuit breakers (18mm) length 140mm, cross section 16mm² | 5 | 71.1 g |
| 02963.000000 | M215107 | single pole, 16 mm², partition 27 mm (distance of poles), peg design, L-shaped | 5 | 170 g |
| 22963.003000 | K302873 | triple pole, 16 mm², partition 27 mm (distance of poles), peg design, L-shaped | 5 | 660 g |
| 22963.363000 | L302874 | triple pole, 35 mm², partition 27 mm (distance of poles), peg design, L-shaped | 5 | 1 210 g |
| 02901.000000 | E302891 | end cap for single pole wiring bus bar | 10 | 0.4 g |
| 02903.165000 | G302893 | end cap for triple pole wiring bus bars up to 16 mm² | 10 | 1.8 g |
| 02903.350000 | R302902 | end cap for triple pole wiring bus bars up to 35 mm² | 10 | 1.5 g |
| 02923.102159 | Z302886 | Eurovario wiring rail - fixed length and may not be cut length 159mm, cross section 10mm² | 5 | 46.5 g |
| 02923.162159 | A302887 | Eurovario wiring rail - fixed length and may not be cut length 159mm, cross section 16mm² | 5 | 67.5 g |
| 02923.102243 | B302888 | Eurovario wiring rail - fixed length and may not be cut length 243mm, cross section 10mm² | 5 | 81.7 g |
| 02923.162243 | C302889 | Eurovario wiring rail - fixed length and may not be cut length 243mm, cross section 16mm² | 10 | 120 g |

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# LINOCUR®

## Size D02 63A 230VAC/440VAC

05860.100000

05860.200000

05860.300000

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 05860.100000 | G1015203 | Monitoring device for Linocur 2P, 3P, 3P+N<br>Type 1 (switch position), cross section 1,5mm², operating voltage 400V +/-10% | 1 | 440 g |
| 05860.200000 | H1015204 | Monitoring device for Linocur 2P, 3P, 3P+N<br>Type 2 (fuse operation), cross section 1,5mm², operating voltage 400V +/-10% | 1 | 440 g |
| 05860.300000 | J1015205 | Monitoring device for Linocur 2P, 3P, 3P+N<br>Type 3 (switch position and fuse operation), cross section 1,5mm², operating voltage 400V +/-10% | 1 | 440 g |

02993.100000

### Terminal clamps

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 02993.100000 | V1007924 | Connecting terminal 50mm², insulated, long, cross section 50mm²<br>(if 35mm² rail 2296.363000 is used then in feed terminal required) | 10 | 37.5 g |

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# IEC NH - LOW VOLTAGE FUSE SYSTEM

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MERSEN Expertise, our source of energy

# NH fuse-links gG 400VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 1, 2, 3

NH000GG40V35

### Size 000 gG 400VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH000GG40V2 | Z223674 | 400 V | 2 A | 0.7 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG40V4 | A223675 | 400 V | 4 A | 0.9 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG40V6 | B223676 | 400 V | 6 A | 1.2 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG40V10 | C223677 | 400 V | 10 A | 1.3 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG40V16 | D223678 | 400 V | 16 A | 1.6 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V20 | E223679 | 400 V | 20 A | 1.9 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V25 | F223680 | 400 V | 25 A | 2.2 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V32 | G223681 | 400 V | 32 A | 2.7 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V35 | H223682 | 400 V | 35 A | 3.1 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V40 | J223683 | 400 V | 40 A | 3.5 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V50 | K223684 | 400 V | 50 A | 3.9 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V63 | L223685 | 400 V | 63 A | 5.2 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V80 | M223686 | 400 V | 80 A | 5.3 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V100 | N223687 | 400 V | 100 A | 5.7 W | 20.8 mm | 9 | 0.13 kg |

NH00GG40V160

### Size 00 gG 400VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH00GG40V125 | E223702 | 400 V | 125 A | 7.4 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG40V160 | F223703 | 400 V | 160 A | 8.3 W | 29.5 mm | 3 | 0.2 kg |

NH1GG40V125

### Size 1 gG 400VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH1GG40V35 | J223706 | 400 V | 35 A | 4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V50 | K223707 | 400 V | 50 A | 5.2 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V63 | L223708 | 400 V | 63 A | 6.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V80 | M223709 | 400 V | 80 A | 6.2 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V100 | N223710 | 400 V | 100 A | 8.6 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V125 | P223711 | 400 V | 125 A | 9.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V160 | Q223712 | 400 V | 160 A | 12.4 W | 39.5 mm | 3 | 0.41 kg |
| NH1GG40V200 | R223713 | 400 V | 200 A | 14.4 W | 39.5 mm | 3 | 0.41 kg |
| NH1GG40V224 | S223714 | 400 V | 224 A | 15.6 W | 39.5 mm | 3 | 0.41 kg |
| NH1GG40V250 | T223715 | 400 V | 250 A | 17.6 W | 39.5 mm | 3 | 0.41 kg |

NH2GG40V250

### Size 2 gG 400VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH2GG40V35 | T227257 | 400 V | 35 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V50 | V227258 | 400 V | 50 A | 5.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V63 | W227259 | 400 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V80 | F223726 | 400 V | 80 A | 6.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V100 | G223727 | 400 V | 100 A | 8.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V125 | H223728 | 400 V | 125 A | 10.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V160 | J223729 | 400 V | 160 A | 10.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V200 | K223730 | 400 V | 200 A | 15.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V224 | L223731 | 400 V | 224 A | 14.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V250 | M223732 | 400 V | 250 A | 17.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V315 | N223733 | 400 V | 315 A | 20.1 W | 51 mm | 3 | 0.64 kg |
| NH2GG40V355 | P223734 | 400 V | 355 A | 22.6 W | 51 mm | 3 | 0.64 kg |
| NH2GG40V400 | Q223735 | 400 V | 400 A | 25.4 W | 51 mm | 3 | 0.64 kg |

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# NH fuse-links gG 400VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 1, 2, 3

NH3GG40V250

### Size 3 gG 400VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH3GG40V250 | R223736 | 400 V | 250 A | 15.4 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V315 | S223737 | 400 V | 315 A | 19.8 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V400 | T223738 | 400 V | 400 A | 25.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V500 | V223739 | 400 V | 500 A | 31.1 W | 70 mm | 1 | 1.05 kg |
| NH3GG40V630 | W223740 | 400 V | 630 A | 39 W | 70 mm | 1 | 1.05 kg |

# NH fuse-links gG 500VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH000GG50V2

### Size 000 gG 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH000GG50V2 | B211946 | 500 V | 250 V | 2 A | 1.9 W | 3 | 0.13 kg |
| NH000GG50V4 | M212462 | 500 V | 250 V | 4 A | 1.5 W | 3 | 0.13 kg |
| NH000GG50V6 | D213995 | 500 V | 250 V | 6 A | 1.6 W | 3 | 0.13 kg |
| NH000GG50V10 | B219651 | 500 V | 250 V | 10 A | 1.1 W | 3 | 0.13 kg |
| NH000GG50V16 | K222097 | 500 V | 250 V | 16 A | 1.8 W | 9 | 0.13 kg |
| NH000GG50V20 | A222847 | 500 V | 250 V | 20 A | 2.3 W | 9 | 0.13 kg |
| NH000GG50V25 | E201185 | 500 V | 250 V | 25 A | 2.4 W | 9 | 0.13 kg |
| NH000GG50V32 | Z211438 | 500 V | 250 V | 32 A | 3.1 W | 9 | 0.13 kg |
| NH000GG50V35 | C211947 | 500 V | 250 V | 35 A | 3 W | 9 | 0.13 kg |
| NH000GG50V40 | N212463 | 500 V | 250 V | 40 A | 3.7 W | 9 | 0.13 kg |
| NH000GG50V50 | T212974 | 500 V | 250 V | 50 A | 4.1 W | 9 | 0.13 kg |
| NH000GG50V63 | E213996 | 500 V | 250 V | 63 A | 5.4 W | 9 | 0.13 kg |
| NH000GG50V80 | Y216543 | 500 V | 250 V | 80 A | 6.5 W | 9 | 0.13 kg |
| NH000GG50V100 | B219122 | 500 V | 250 V | 100 A | 7.5 W | 9 | 0.13 kg |

NH00GG50V125

### Size 00 gG 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH00GG50V125 | R201863 | 500 V | 250 V | 125 A | 10 W | 3 | 0.2 kg |
| NH00GG50V160 | P211084 | 500 V | 250 V | 160 A | 11.3 W | 3 | 0.2 kg |

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# NH fuse-links gG 500VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH0GG50V6

### Size 0 gG 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH0GG50V6 | H213148 | 500 V | 250 V | 6 A | 1.6 W | 3 | 0.27 kg |
| NH0GG50V10 | G214159 | 500 V | 250 V | 10 A | 1.1 W | 3 | 0.27 kg |
| NH0GG50V16 | Q215179 | 500 V | 250 V | 16 A | 1.8 W | 3 | 0.27 kg |
| NH0GG50V20 | R215686 | 500 V | 250 V | 20 A | 2.3 W | 3 | 0.27 kg |
| NH0GG50V25 | Y216198 | 500 V | 250 V | 25 A | 2.4 W | 3 | 0.27 kg |
| NH0GG50V32 | W216702 | 500 V | 250 V | 32 A | 3.1 W | 3 | 0.27 kg |
| NH0GG50V35 | J217220 | 500 V | 250 V | 35 A | 3 W | 3 | 0.27 kg |
| NH0GG50V40 | P217731 | 500 V | 250 V | 40 A | 3.7 W | 3 | 0.27 kg |
| NH0GG50V50 | Z218246 | 500 V | 250 V | 50 A | 4.1 W | 3 | 0.27 kg |
| NH0GG50V63 | N218765 | 500 V | 250 V | 63 A | 6.6 W | 3 | 0.27 kg |
| NH0GG50V80 | C219284 | 500 V | 250 V | 80 A | 8 W | 3 | 0.27 kg |
| NH0GG50V100 | D219814 | 500 V | 250 V | 100 A | 9.4 W | 3 | 0.27 kg |
| NH0GG50V125 | P222492 | 500 V | 250 V | 125 A | 11.8 W | 3 | 0.27 kg |
| NH0GG50V160 | F223013 | 500 V | 250 V | 160 A | 14.6 W | 3 | 0.27 kg |
| NH0GG50V200 | C229611 | 500 V | 250 V | 200 A | 18.1 W | 3 | 0.27 kg |
| NH0GG50V224 | D229612 | 500 V | 250 V | 224 A | 19.2 W | 3 | 0.27 kg |
| NH0GG50V250 | E229613 | 500 V | 250 V | 250 A | 20.3 W | 3 | 0.27 kg |

NH1GG50V16

### Size 1 gG 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH1GG50V16 | M200801 | 500 V | 250 V | 16 A | 1.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V20 | C201344 | 500 V | 250 V | 20 A | 2.3 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V25 | N201860 | 500 V | 250 V | 25 A | 2.4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V32 | L211081 | 500 V | 250 V | 32 A | 3.1 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V35 | A211600 | 500 V | 250 V | 35 A | 3 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V40 | Y212633 | 500 V | 250 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V50 | B213648 | 500 V | 250 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V63 | L214669 | 500 V | 250 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V80 | S215687 | 500 V | 250 V | 80 A | 8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V100 | X216703 | 500 V | 250 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V125 | V236044 | 500 V | 250 V | 125 A | 11.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V160 | A218247 | 500 V | 250 V | 160 A | 14.6 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V200 | P218766 | 500 V | 250 V | 200 A | 18 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V224 | D219285 | 500 V | 250 V | 224 A | 19 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V250 | E219815 | 500 V | 250 V | 250 A | 20 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V315 | Q228519 | 500 V | 250 V | 315 A | 20.5 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V355 | R228520 | 500 V | 250 V | 355 A | 23.7 W | 39.5 mm | 3 | 0.42 kg |

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# NH fuse-links gG 500VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH2GG50V63

### Size 2 gG 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH2GG50V25 | N200802 | 500 V | 250 V | 25 A | 2.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V32 | D201345 | 500 V | 250 V | 32 A | 3.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V35 | P201861 | 500 V | 250 V | 35 A | 3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V40 | M211082 | 500 V | 250 V | 40 A | 3.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V50 | B211601 | 500 V | 250 V | 50 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V63 | Z212634 | 500 V | 250 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V80 | C213649 | 500 V | 250 V | 80 A | 8.3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V100 | M214670 | 500 V | 250 V | 100 A | 10.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V125 | T215688 | 500 V | 250 V | 125 A | 12.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V160 | Y216704 | 500 V | 250 V | 160 A | 15 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V200 | R217733 | 500 V | 250 V | 200 A | 18.5 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V224 | Q218767 | 500 V | 250 V | 224 A | 19.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V250 | R222494 | 500 V | 250 V | 250 A | 20.6 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V300 | P200803 | 500 V | 250 V | 300 A | 21 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V315 | E201346 | 500 V | 250 V | 315 A | 25 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V355 | Q201862 | 500 V | 250 V | 355 A | 31.5 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V400 | N211083 | 500 V | 250 V | 400 A | 32 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V425 | S228521 | 500 V | 250 V | 425 A | 32.2 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V500 | T228522 | 500 V | 250 V | 500 A | 35.6 W | 51 mm | 3 | 0.64 kg |

NH3GG50V250

NH3GG50V800

### Size 3 gG 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH3GG50V224 | V233744 | 500 V | 250 V | 224 A | 20 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V250 | C211602 | 500 V | 250 V | 250 A | 21.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V300 | A212635 | 500 V | 250 V | 300 A | 20 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V315 | L213151 | 500 V | 250 V | 315 A | 25 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V355 | K214162 | 500 V | 250 V | 355 A | 32 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V400 | T215182 | 500 V | 250 V | 400 A | 34 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V425 | B216201 | 500 V | 250 V | 425 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V450 | Z216705 | 500 V | 250 V | 450 A | 38 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V500 | M217223 | 500 V | 250 V | 500 A | 43 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V630 | S217734 | 500 V | 250 V | 630 A | 43.1 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V800 | V228523 | 500 V | 250 V | 800 A | 53.2 W | 70 mm | 1 | 1.05 kg |

# NH fuse-links gG 500VAC

PRODUCT RANGE

## middle indicator/live gripping-lugs size 4, 4a

NH4GG50V400

### Size 4 gG 500VAC middle indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH4GG50V400 | K1054283 | 500 V | 250 V | 400 A | 31.5 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V500 | L1054284 | 500 V | 250 V | 500 A | 38 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V630 | M1054285 | 500 V | 250 V | 630 A | 46 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V800 | N1054286 | 500 V | 250 V | 800 A | 62 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V1000 | P1054287 | 500 V | 250 V | 1000 A | 73.5 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V1250 | Q1054288 | 500 V | 250 V | 1250 A | 87 W | 100 mm | 1 | 2.1 kg |



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## NH fuse-links gG 500VAC

PRODUCT RANGE

### middle indicator/live gripping-lugs size 4, 4a

NH4AGG50V400

#### Size 4a gG 500VAC middle indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH4AGG50V400 | R1054289 | 500 V | 250 V | 400 A | 34 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V500 | S1054290 | 500 V | 250 V | 500 A | 42.5 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V630 | T1054291 | 500 V | 250 V | 630 A | 53 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V800 | V1054292 | 500 V | 250 V | 800 A | 65 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V1000 | W1054293 | 500 V | 250 V | 1000 A | 78 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V1250 | X1054294 | 500 V | 250 V | 1250 A | 90 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V1600 | Y1054295 | 500 V | 250 V | 1600 A | 127 W | 100 mm | 1 | 2.58 kg |

## NH fuse-links gG 500VAC

PRODUCT RANGE

### top indicator/live gripping-lugs size 4, 4a

NH4GG50V1250-8

#### Size 4 gG 500VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH4GG50V630-8 | X1034514 | 500 V | 250 V | 630 A | 38 W | 100 mm | 1 | 2.59 kg |
| NH4GG50V800-8 | Y1034515 | 500 V | 250 V | 800 A | 56 W | 100 mm | 1 | 2.59 kg |
| NH4GG50V1000-8 | Z1034516 | 500 V | 250 V | 1000 A | 65 W | 100 mm | 1 | 2.59 kg |
| NH4GG50V1250-8 | A1034517 | 500 V | 250 V | 1250 A | 61 W | 100 mm | 1 | 2.59 kg |

NH4AGG50V1600-8

#### Size 4a gG 500VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH4AGG50V400-8 | B1034518 | 500 V | 250 V | 400 A | 31 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V500-8 | C1034519 | 500 V | 250 V | 500 A | 45 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V630-8 | D1034520 | 500 V | 250 V | 630 A | 47 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V800-8 | F1034522 | 500 V | 250 V | 800 A | 67 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V1000-8 | H1034524 | 500 V | 250 V | 1000 A | 69 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V1250-8 | J1034525 | 500 V | 250 V | 1250 A | 84 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V1600-8 | K1034526 | 500 V | 250 V | 1600 A | 106 W | 98 mm | 1 | 2.59 kg |

## NH fuse-links gG 690VAC

PRODUCT RANGE

### double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH000GG69V2

#### Size 000 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH000GG69V2 | E228440 | 690 V | 250 V | 2 A | 1.9 W | 3 | 0.13 kg |
| NH000GG69V4 | F228441 | 690 V | 250 V | 4 A | 1.5 W | 3 | 0.13 kg |
| NH000GG69V6 | G228442 | 690 V | 250 V | 6 A | 1.6 W | 3 | 0.13 kg |
| NH000GG69V10 | J228444 | 690 V | 250 V | 10 A | 1.1 W | 3 | 0.13 kg |
| NH000GG69V16 | K228445 | 690 V | 250 V | 16 A | 1.8 W | 3 | 0.13 kg |
| NH000GG69V20 | L228446 | 690 V | 250 V | 20 A | 2.3 W | 3 | 0.13 kg |
| NH000GG69V25 | M228447 | 690 V | 250 V | 25 A | 2.4 W | 3 | 0.13 kg |
| NH000GG69V32 | N228448 | 690 V | 250 V | 32 A | 3.1 W | 3 | 0.13 kg |
| NH000GG69V35 | P228449 | 690 V | 250 V | 35 A | 3 W | 3 | 0.13 kg |
| NH000GG69V40 | Q228450 | 690 V | 250 V | 40 A | 3.7 W | 3 | 0.13 kg |
| NH000GG69V50 | R228451 | 690 V | 250 V | 50 A | 4.1 W | 3 | 0.13 kg |
| NH000GG69V63 | S228452 | 690 V | 250 V | 63 A | 5.4 W | 3 | 0.13 kg |
| NH000GG69V80 | T228453 | 690 V | 250 V | 80 A | 6.5 W | 3 | 0.13 kg |

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# NH fuse-links gG 690VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH00GG69V32

### Size 00 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH00GG69V32 | V228454 | 690 V | 250 V | 32 A | 3.1 W | 3 | 0.2 kg |
| NH00GG69V35 | W228455 | 690 V | 250 V | 35 A | 3 W | 3 | 0.2 kg |
| NH00GG69V40 | X228456 | 690 V | 250 V | 40 A | 3.7 W | 3 | 0.2 kg |
| NH00GG69V50 | Y228457 | 690 V | 250 V | 50 A | 4.1 W | 3 | 0.2 kg |
| NH00GG69V63 | Z228458 | 690 V | 250 V | 63 A | 5.6 W | 3 | 0.2 kg |
| NH00GG69V80 | A228459 | 690 V | 250 V | 80 A | 6.8 W | 3 | 0.2 kg |
| NH00GG69V100 | B228460 | 690 V | 250 V | 100 A | 7.5 W | 3 | 0.2 kg |
| NH00GG69V125 | C228461 | 690 V | 250 V | 125 A | 10 W | 3 | 0.2 kg |

NH0GG69V160

### Size 0 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH0GG69V6 | D228462 | 690 V | 400 V | 6 A | 1.6 W | 3 | 0.27 kg |
| NH0GG69V10 | E228463 | 690 V | 400 V | 10 A | 1.1 W | 3 | 0.27 kg |
| NH0GG69V16 | F228464 | 690 V | 400 V | 16 A | 1.8 W | 3 | 0.27 kg |
| NH0GG69V20 | G228465 | 690 V | 400 V | 20 A | 2.3 W | 3 | 0.27 kg |
| NH0GG69V25 | H228466 | 690 V | 400 V | 25 A | 2.4 W | 3 | 0.27 kg |
| NH0GG69V32 | J228467 | 690 V | 400 V | 32 A | 3.1 W | 3 | 0.27 kg |
| NH0GG69V35 | K228468 | 690 V | 400 V | 35 A | 3 W | 3 | 0.27 kg |
| NH0GG69V40 | L228469 | 690 V | 400 V | 40 A | 3.7 W | 3 | 0.27 kg |
| NH0GG69V50 | M228470 | 690 V | 400 V | 50 A | 4.1 W | 3 | 0.27 kg |
| NH0GG69V63 | N228471 | 690 V | 400 V | 63 A | 6.6 W | 3 | 0.27 kg |
| NH0GG69V80 | P228472 | 690 V | 400 V | 80 A | 8 W | 3 | 0.27 kg |
| NH0GG69V100 | Q228473 | 690 V | 400 V | 100 A | 9.4 W | 3 | 0.27 kg |
| NH0GG69V125 | R228474 | 690 V | 400 V | 125 A | 11.8 W | 3 | 0.27 kg |
| NH0GG69V160 | S228475 | 690 V | 400 V | 160 A | 14.6 W | 3 | 0.27 kg |

NH1GG69V20

### Size 1 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH1GG69V16 | T228476 | 690 V | 400 V | 16 A | 1.8 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V20 | V228477 | 690 V | 400 V | 20 A | 2.3 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V25 | W228478 | 690 V | 400 V | 25 A | 2.4 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V32 | X228479 | 690 V | 400 V | 32 A | 3.1 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V35 | Y228480 | 690 V | 400 V | 35 A | 3 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V40 | Z228481 | 690 V | 400 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V50 | A228482 | 690 V | 400 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V63 | B228483 | 690 V | 400 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V80 | C228484 | 690 V | 400 V | 80 A | 8 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V100 | D228485 | 690 V | 400 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V125 | E228486 | 690 V | 400 V | 125 A | 11.8 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG69V160 | F228487 | 690 V | 400 V | 160 A | 14.6 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG69V200 | G228488 | 690 V | 400 V | 200 A | 18 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG69V224 | V233261 | 690 V | 400 V | 224 A | 19 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG69V250 | W233262 | 690 V | 400 V | 250 A | 20 W | 39.5 mm | 3 | 0.42 kg |



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# NH fuse-links gG 690VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH2GG69V32

### Size 2 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH2GG69V32 | H228489 | 690 V | 250 V | 32 A | 3.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V35 | J228490 | 690 V | 250 V | 35 A | 3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V40 | K228491 | 690 V | 250 V | 40 A | 3.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V50 | L228492 | 690 V | 250 V | 50 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V63 | M228493 | 690 V | 250 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V80 | N228494 | 690 V | 250 V | 80 A | 8.3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V100 | P228495 | 690 V | 250 V | 100 A | 10.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V125 | Q228496 | 690 V | 250 V | 125 A | 12.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V160 | R228497 | 690 V | 250 V | 160 A | 15 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V200 | S228498 | 690 V | 250 V | 200 A | 18.5 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V224 | T228499 | 690 V | 250 V | 224 A | 19.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V250 | V228500 | 690 V | 250 V | 250 A | 20.6 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V300 | W228501 | 690 V | 250 V | 300 A | 21 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V315 | X228502 | 690 V | 250 V | 315 A | 25 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V355 | Y228503 | 690 V | 250 V | 355 A | 31.5 W | 51 mm | 3 | 0.64 kg |

NH3GG69V500

### Size 3 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH3GG69V250 | Z228504 | 690 V | 250 V | 250 A | 21.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V300 | A228505 | 690 V | 250 V | 300 A | 22.6 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V315 | B228506 | 690 V | 250 V | 315 A | 25 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V355 | C228507 | 690 V | 250 V | 355 A | 32 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V400 | D228508 | 690 V | 250 V | 400 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG69V425 | E228509 | 690 V | 250 V | 425 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG69V500 | F228510 | 690 V | 250 V | 500 A | 43 W | 70 mm | 1 | 1.05 kg |

# NH fuse-links gG 690VAC

PRODUCT RANGE

## middle indicator/live gripping-lugs size 4, 4a

NH4GG69V400

### Size 4 gG 690VAC middle indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH4GG69V400 | Z1054296 | 690 V | 250 V | 400 A | 31.5 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V500 | A1054297 | 690 V | 250 V | 500 A | 38 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V630 | B1054298 | 690 V | 250 V | 630 A | 46 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V800 | C1054299 | 690 V | 250 V | 800 A | 62 W | 100 mm | 1 | 2.1 kg |

NH4AGG69V500

### Size 4a gG 690VAC middle indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH4AGG69V500 | D1054300 | 690 V | 250 V | 500 A | 42.5 W | 100 mm | 1 | 2.58 kg |
| NH4AGG69V630 | E1054301 | 690 V | 250 V | 630 A | 53 W | 100 mm | 1 | 2.58 kg |
| NH4AGG69V800 | G1054303 | 690 V | 250 V | 800 A | 65 W | 100 mm | 1 | 2.58 kg |
| NH4AGG69V1000 | H1054304 | 690 V | 250 V | 1000 A | 78 W | 100 mm | 1 | 2.58 kg |

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# NH fuse-links gG 690VAC

PRODUCT RANGE

## top indicator/live gripping-lugs size 4 and 4a

### Size 4 gG 690VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH4GG69V400-8 | N214004 | 690 V | 250 kV | 400 A | 32 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V500-8 | Y215025 | 690 V | 250 V | 500 A | 40 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V630-8 | E215537 | 690 V | 250 V | 630 A | 53 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V800-8 | K216554 | 690 V | 250 V | 800 A | 68 W | 100 mm | 1 | 2.1 kg |

### Size 4a gG 690VAC top indicator

NH4AGG69V1000-8

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH4AGG69V630-8 | T1034511 | 690 V | 250 V | 630 A | 47 W | 98 mm | 1 | 2.58 kg |
| NH4AGG69V800-8 | V1034512 | 690 V | 250 V | 800 A | 67 W | 98 mm | 1 | 2.58 kg |
| NH4AGG69V1000-8 | W1034513 | 690 V | 250 V | 1000 A | 73 W | 98 mm | 1 | 2.58 kg |

# NH fuse-links gG 400VAC

PRODUCT RANGE

## double indicator/isolated gripping-lugs size 000, 00, 1, 2, 3

NH000GG40V100-1

### Size 000 gG 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH000GG40V2-1 | P223688 | 400 V | 2 A | 0.7 W | 20.8 mm | 3 | 0.12 kg |
| NH000GG40V6-1 | R223690 | 400 V | 6 A | 1.3 W | 20.8 mm | 3 | 0.12 kg |
| NH000GG40V16-1 | T223692 | 400 V | 16 A | 1.6 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V20-1 | V223693 | 400 V | 20 A | 1.9 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V25-1 | W223694 | 400 V | 25 A | 2.2 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V32-1 | X223695 | 400 V | 32 A | 2.7 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V35-1 | Y223696 | 400 V | 35 A | 3.1 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V40-1 | Z223697 | 400 V | 40 A | 3.5 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V50-1 | A223698 | 400 V | 50 A | 3.9 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V63-1 | B223699 | 400 V | 63 A | 5.2 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V80-1 | C223700 | 400 V | 80 A | 5.3 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V100-1 | D223701 | 400 V | 100 A | 5.7 W | 20.8 mm | 9 | 0.12 kg |

### Size 00 gG 400VAC isolated gripping-lugs

NH00GG40V125-1

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH00GG40V125-1 | G223704 | 400 V | 125 A | 7.4 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG40V160-1 | H223705 | 400 V | 160 A | 8.3 W | 29.5 mm | 3 | 0.2 kg |

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# NH fuse-links gG 400VAC

PRODUCT RANGE

## double indicator/isolated gripping-lugs size 000, 00, 1, 2, 3

NH1GG40V250-1

### Size 1 gG 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH1GG40V35-1 | V223716 | 400 V | 35 A | 4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V50-1 | W223717 | 400 V | 50 A | 5.2 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V63-1 | X223718 | 400 V | 63 A | 6.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V80-1 | Y223719 | 400 V | 80 A | 6.2 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V100-1 | Z223720 | 400 V | 100 A | 8.6 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V125-1 | A223721 | 400 V | 125 A | 9.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V160-1 | B223722 | 400 V | 160 A | 12.4 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG40V200-1 | C223723 | 400 V | 200 A | 14.4 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG40V224-1 | D223724 | 400 V | 224 A | 15.6 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG40V250-1 | E223725 | 400 V | 250 A | 17.6 W | 39.5 mm | 3 | 0.42 kg |

NH2GG40V315-1

### Size 2 gG 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH2GG40V35-1 | L227250 | 400 V | 35 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V63-1 | N227252 | 400 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V80-1 | X223741 | 400 V | 80 A | 6.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V100-1 | Y223742 | 400 V | 100 A | 8.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V125-1 | Z223743 | 400 V | 125 A | 10.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V160-1 | A223744 | 400 V | 160 A | 10.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V200-1 | B223745 | 400 V | 200 A | 15.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V224-1 | C223746 | 400 V | 224 A | 14.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V250-1 | D223747 | 400 V | 250 A | 17.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V315-1 | E223748 | 400 V | 315 A | 20.1 W | 51 mm | 3 | 0.64 kg |
| NH2GG40V355-1 | F223749 | 400 V | 355 A | 22.6 W | 51 mm | 3 | 0.64 kg |
| NH2GG40V400-1 | G223750 | 400 V | 400 A | 25.4 W | 51 mm | 3 | 0.64 kg |

NH3GG40V500-1

### Size 3 gG 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH3GG40V250-1 | H223751 | 400 V | 250 A | 15.4 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V315-1 | J223752 | 400 V | 315 A | 19.8 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V400-1 | K223753 | 400 V | 400 A | 25.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V500-1 | L223754 | 400 V | 500 A | 31.1 W | 70 mm | 1 | 1.05 kg |
| NH3GG40V630-1 | M223755 | 400 V | 630 A | 39 W | 70 mm | 1 | 1.05 kg |

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# NH fuse-links gG 500VAC

PRODUCT RANGE

## double indicator/isolated gripping-lugs size 000, 00, 0, 1, 2, 3

NH000GG50V100-1

### Size 000 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH000GG50V2-1 | C219652 | 500 V | 250 V | 2 A | 1.9 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG50V4-1 | N205770 | 500 V | 250 V | 4 A | 1.5 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG50V6-1 | P212464 | 500 V | 250 V | 6 A | 1.6 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG50V10-1 | V215528 | 500 V | 250 V | 10 A | 1.1 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG50V16-1 | F213997 | 500 V | 250 V | 16 A | 1.8 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V20-1 | F218091 | 500 V | 250 V | 20 A | 2.3 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V25-1 | K200638 | 500 V | 250 V | 25 A | 2.4 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V32-1 | D213489 | 500 V | 250 V | 32 A | 3.1 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V35-1 | G201187 | 500 V | 250 V | 35 A | 3 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V40-1 | D219653 | 500 V | 250 V | 40 A | 3.7 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V50-1 | C222849 | 500 V | 250 V | 50 A | 4.1 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V63-1 | R212466 | 500 V | 250 V | 63 A | 5.4 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V80-1 | N215016 | 500 V | 250 V | 80 A | 6.5 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V100-1 | J201189 | 500 V | 250 V | 100 A | 7.5 W | 20.8 mm | 9 | 0.13 kg |

NH00GG50V160-1

### Size 00 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH00GG50V125-1 | V200808 | 500 V | 250 V | 125 A | 10 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG50V160-1 | W201867 | 500 V | 250 V | 160 A | 12.3 W | 29.5 mm | 3 | 0.2 kg |

NH0GG50V160-1

### Size 0 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH0GG50V6-1 | B212636 | 500 V | 250 V | 6 A | 1.6 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V10-1 | M213152 | 500 V | 250 V | 10 A | 1.1 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V16-1 | E213651 | 500 V | 250 V | 16 A | 1.8 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V20-1 | L214163 | 500 V | 250 V | 20 A | 2.3 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V25-1 | P214672 | 500 V | 250 V | 25 A | 2.4 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V32-1 | V215183 | 500 V | 250 V | 32 A | 3.1 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V35-1 | W215690 | 500 V | 250 V | 35 A | 3 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V40-1 | C216202 | 500 V | 250 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V50-1 | A216706 | 500 V | 250 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V63-1 | N217224 | 500 V | 250 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V80-1 | T217735 | 500 V | 250 V | 80 A | 8 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V100-1 | D218250 | 500 V | 250 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V125-1 | S218769 | 500 V | 250 V | 125 A | 11.8 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V160-1 | F219287 | 500 V | 250 V | 160 A | 14.6 W | 29.5 mm | 3 | 0.23 kg |



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# NH fuse-links gG 500VAC

PRODUCT RANGE

## double indicator/isolated gripping-lugs size 000, 00, 0, 1, 2, 3

NH1GG50V16-1

### Size 1 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH1GG50V16-1 | H219818 | 500 V | 250 V | 16 A | 1.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V20-1 | T222496 | 500 V | 250 V | 20 A | 2.3 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V25-1 | K223017 | 500 V | 250 V | 25 A | 2.4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V32-1 | R200805 | 500 V | 250 V | 32 A | 3.1 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V35-1 | G201348 | 500 V | 250 V | 35 A | 3 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V40-1 | Q211085 | 500 V | 250 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V50-1 | L212116 | 500 V | 250 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V63-1 | N213153 | 500 V | 250 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V80-1 | M214164 | 500 V | 250 V | 80 A | 8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V100-1 | W215184 | 500 V | 250 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V125-1 | T236043 | 500 V | 250 V | 125 A | 11.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V160-1 | B216707 | 500 V | 250 V | 160 A | 14.6 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V200-1 | P217225 | 500 V | 250 V | 200 A | 18 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V224-1 | V217736 | 500 V | 250 V | 224 A | 19 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V250-1 | E218251 | 500 V | 250 V | 250 A | 20 W | 39.5 mm | 3 | 0.42 kg |

NH2GG50V250-1

### Size 2 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH2GG50V25-1 | J219819 | 500 V | 250 V | 25 A | 2.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V35-1 | L223018 | 500 V | 250 V | 35 A | 3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V40-1 | S200806 | 500 V | 250 V | 40 A | 3.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V50-1 | H201349 | 500 V | 250 V | 50 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V63-1 | T201865 | 500 V | 250 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V80-1 | F211605 | 500 V | 250 V | 80 A | 8.3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V100-1 | P213154 | 500 V | 250 V | 100 A | 10.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V125-1 | N214165 | 500 V | 250 V | 125 A | 12.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V160-1 | X215185 | 500 V | 250 V | 160 A | 15 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V200-1 | E216204 | 500 V | 250 V | 200 A | 18.5 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V224-1 | Q217226 | 500 V | 250 V | 224 A | 19.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V250-1 | F218252 | 500 V | 250 V | 250 A | 20.6 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V300-1 | H219289 | 500 V | 250 V | 300 A | 21 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V315-1 | K219820 | 500 V | 250 V | 315 A | 25 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V355-1 | M223019 | 500 V | 250 V | 355 A | 31.5 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V400-1 | T200807 | 500 V | 250 V | 400 A | 28.5 W | 51 mm | 3 | 0.64 kg |

NH3GG50V630-1

### Size 3 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH3GG50V250-1 | J201350 | 500 V | 250 V | 250 A | 21.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V300-1 | S211087 | 500 V | 250 V | 300 A | 20 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V315-1 | G211606 | 500 V | 250 V | 315 A | 25 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V355-1 | E212639 | 500 V | 250 V | 355 A | 32 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V400-1 | H213654 | 500 V | 250 V | 400 A | 34 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V425-1 | S214675 | 500 V | 250 V | 425 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V450-1 | Z215693 | 500 V | 250 V | 450 A | 38 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V500-1 | F216205 | 500 V | 250 V | 500 A | 43 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V630-1 | D216709 | 500 V | 250 V | 630 A | 43.1 W | 70 mm | 1 | 1.05 kg |

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# NH fuse-links gG 690VAC

PRODUCT RANGE

## double indicator/isolated gripping-lugs size 000, 00, 0, 1, 2, 3



### Size 000 gG 690VAC isolated gripping-lugs

NH000GG69V2-1

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH000GG69V2-1 | D229704 | 690 V | 250 V | 2 A | 1.9 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V4-1 | E229705 | 690 V | 250 V | 4 A | 1.5 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V6-1 | F229706 | 690 V | 250 V | 6 A | 1.6 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V10-1 | H229708 | 690 V | 250 V | 10 A | 1.1 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V16-1 | J229709 | 690 V | 250 V | 16 A | 1.8 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V20-1 | K229710 | 690 V | 250 V | 20 A | 2.3 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V25-1 | L229711 | 690 V | 250 V | 25 A | 2.4 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V32-1 | M229712 | 690 V | 250 V | 32 A | 3.1 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V35-1 | N229713 | 690 V | 250 V | 35 A | 3 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V40-1 | P229714 | 690 V | 250 V | 40 A | 3.7 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V50-1 | Q229715 | 690 V | 250 V | 50 A | 4.1 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V63-1 | R229716 | 690 V | 250 V | 63 A | 5.4 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V80-1 | S229717 | 690 V | 250 V | 80 A | 6.5 W | 20.8 mm | 3 | 0.14 kg |

### Size 00 gG 690VAC isolated gripping-lugs

NH00GG69V125-1

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH00GG69V35-1 | V229719 | 690 V | 250 V | 35 A | 3 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V40-1 | W229720 | 690 V | 250 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V50-1 | X229721 | 690 V | 250 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V63-1 | Y229722 | 690 V | 250 V | 63 A | 5.6 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V80-1 | Z229723 | 690 V | 250 V | 80 A | 6.8 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V100-1 | A229724 | 690 V | 250 V | 100 A | 7.5 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V125-1 | B229725 | 690 V | 250 V | 125 A | 10 W | 29.5 mm | 3 | 0.2 kg |

### Size 0 gG 690VAC isolated gripping-lugs

NH0GG69V50-1

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH0GG69V50-1 | L229734 | 690 V | 400 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V63-1 | M229735 | 690 V | 400 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V80-1 | N229736 | 690 V | 400 V | 80 A | 8 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V100-1 | P229737 | 690 V | 400 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V125-1 | Q229738 | 690 V | 400 V | 125 A | 11.8 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V160-1 | R229739 | 690 V | 400 V | 160 A | 14.6 W | 29.5 mm | 3 | 0.25 kg |

### Size 1 gG 690VAC isolated gripping-lugs

NH1GG69V16-1

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH1GG69V16-1 | S229740 | 690 V | 400 V | 16 A | 1.8 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V25-1 | V229742 | 690 V | 400 V | 25 A | 2.4 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V32-1 | W229743 | 690 V | 400 V | 32 A | 3.1 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V35-1 | X229744 | 690 V | 400 V | 35 A | 3 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V40-1 | Y229745 | 690 V | 400 V | 40 A | 3.7 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V50-1 | Z229746 | 690 V | 400 V | 50 A | 4.1 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V63-1 | A229747 | 690 V | 400 V | 63 A | 6.6 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V80-1 | B229748 | 690 V | 400 V | 80 A | 8 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V100-1 | C229749 | 690 V | 400 V | 100 A | 9.4 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V125-1 | D229750 | 690 V | 400 V | 125 A | 11.8 W | 39.5 mm | 1 | 0.42 kg |
| NH1GG69V160-1 | E229751 | 690 V | 400 V | 160 A | 14.6 W | 39.5 mm | 1 | 0.42 kg |
| NH1GG69V200-1 | F229752 | 690 V | 400 V | 200 A | 18 W | 39.5 mm | 1 | 0.42 kg |
| NH1GG69V224-1 | G229753 | 690 V | 400 V | 224 A | 19 W | 39.5 mm | 1 | 0.42 kg |

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# NH fuse-links gG 690VAC

PRODUCT RANGE

## double indicator/isolated gripping-lugs size 000, 00, 0, 1, 2, 3

NH2GG69V250-1

### Size 2 gG 690VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH2GG69V32-1 | J229755 | 690 V | 250 V | 32 A | 3.1 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V35-1 | K229756 | 690 V | 250 V | 35 A | 3 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V40-1 | L229757 | 690 V | 250 V | 40 A | 3.7 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V50-1 | M229758 | 690 V | 250 V | 50 A | 4.1 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V63-1 | N229759 | 690 V | 250 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V80-1 | P229760 | 690 V | 250 V | 80 A | 8.3 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V100-1 | Q229761 | 690 V | 250 V | 100 A | 10.7 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V125-1 | R229762 | 690 V | 250 V | 125 A | 12.2 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V160-1 | S229763 | 690 V | 250 V | 160 A | 15 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V200-1 | T229764 | 690 V | 250 V | 200 A | 18.5 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V224-1 | V229765 | 690 V | 250 V | 224 A | 19.2 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V250-1 | D233729 | 690 V | 250 V | 250 A | 20.6 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V300-1 | X229767 | 690 V | 250 V | 300 A | 21 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V315-1 | Y229768 | 690 V | 250 V | 315 A | 25 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V355-1 | Z229769 | 690 V | 250 V | 355 A | 31.5 W | 51 mm | 3 | 0.64 kg |

NH3GG69V315-1

### Size 3 gG 690VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Width | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| NH3GG69V315-1 | C229772 | 690 V | 250 V | 315 A | 25 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V355-1 | D229773 | 690 V | 250 V | 355 A | 32 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V400-1 | E229774 | 690 V | 250 V | 400 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG69V425-1 | F229775 | 690 V | 250 V | 425 A | 34 W | 70 mm | 1 | 1.05 kg |

# NH fuse-links aM 500VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH000AM50V63

### Size 000 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH000AM50V2 | K232493 | 500 V | 2 A | 0.1 W | 2 | 0.13 kg |
| NH000AM50V4 | L232494 | 500 V | 4 A | 0.2 W | 2 | 0.13 kg |
| NH000AM50V6 | M232495 | 500 V | 6 A | 0.3 W | 2 | 0.13 kg |
| NH000AM50V10 | N232496 | 500 V | 10 A | 0.5 W | 2 | 0.13 kg |
| NH000AM50V16 | P232497 | 500 V | 16 A | 0.7 W | 2 | 0.13 kg |
| NH000AM50V20 | Q232498 | 500 V | 20 A | 0.9 W | 2 | 0.13 kg |
| NH000AM50V25 | R232499 | 500 V | 25 A | 1.2 W | 2 | 0.13 kg |
| NH000AM50V32 | S232500 | 500 V | 32 A | 1.5 W | 2 | 0.13 kg |
| NH000AM50V35 | T232501 | 500 V | 35 A | 1.6 W | 2 | 0.13 kg |
| NH000AM50V40 | V232502 | 500 V | 40 A | 1.8 W | 2 | 0.13 kg |
| NH000AM50V50 | W232503 | 500 V | 50 A | 2.3 W | 2 | 0.13 kg |
| NH000AM50V63 | X232504 | 500 V | 63 A | 2.9 W | 2 | 0.13 kg |
| NH000AM50V80 | C227863 | 500 V | 80 A | 3.6 W | 2 | 0.13 kg |

NH00AM50V100

### Size 00 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH00AM50V100 | Y232505 | 500 V | 100 A | 5.8 W | 2 | 0.2 kg |
| NH00AM50V125 | Z232506 | 500 V | 125 A | 6.4 W | 2 | 0.2 kg |
| NH00AM50V160 | J227869 | 500 V | 160 A | 7.9 W | 2 | 0.2 kg |

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# NH fuse-links aM 500VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH0AM50V100

### Size 0 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH0AM50V100 | A232507 | 500 V | 100 A | 6 W | 2 | 0.26 kg |
| NH0AM50V125 | B232508 | 500 V | 125 A | 7.9 W | 2 | 0.26 kg |
| NH0AM50V160 | C232509 | 500 V | 160 A | 10.5 W | 2 | 0.26 kg |
| NH0AM50V200 | A227884 | 500 V | 200 A | 11.8 W | 2 | 0.26 kg |

NH1AM50V200

### Size 1 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH1AM50V100 | D232510 | 500 V | 100 A | 5.8 W | 2 | 0.42 kg |
| NH1AM50V125 | E232511 | 500 V | 125 A | 7.5 W | 2 | 0.42 kg |
| NH1AM50V160 | F232512 | 500 V | 160 A | 10.4 W | 2 | 0.42 kg |
| NH1AM50V200 | G232513 | 500 V | 200 A | 14.2 W | 2 | 0.42 kg |
| NH1AM50V224 | H232514 | 500 V | 224 A | 15.8 W | 2 | 0.42 kg |
| NH1AM50V315 | K227962 | 500 V | 315 A | 22.1 W | 2 | 0.42 kg |

NH2AM50V250

### Size 2 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH2AM50V250 | K232516 | 500 V | 250 A | 16.8 W | 2 | 0.64 kg |
| NH2AM50V315 | L232517 | 500 V | 315 A | 23.1 W | 2 | 0.64 kg |
| NH2AM50V355 | M232518 | 500 V | 355 A | 26.4 W | 2 | 0.64 kg |
| NH2AM50V400 | N232519 | 500 V | 400 A | 29.7 W | 2 | 0.64 kg |

NH3AM50V630

### Size 3 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH3AM50V315 | P232520 | 500 V | 315 A | 21 W | 1 | 1.05 kg |
| NH3AM50V355 | Q232521 | 500 V | 355 A | 23.3 W | 1 | 1.05 kg |
| NH3AM50V400 | R232522 | 500 V | 400 A | 29.1 W | 1 | 1.05 kg |
| NH3AM50V425 | S232523 | 500 V | 425 A | 29.1 W | 1 | 1.05 kg |
| NH3AM50V450 | T232524 | 500 V | 450 A | 34 W | 1 | 1.05 kg |
| NH3AM50V500 | V232525 | 500 V | 500 A | 42 W | 1 | 1.05 kg |
| NH3AM50V630 | M227987 | 500 V | 630 A | 42 W | 1 | 1.05 kg |

# NH fuse-links aM 500VAC

PRODUCT RANGE

## top indicator/live gripping-lugs size 4, 4a

NH4AM50V630-8

### Size 4 aM 500VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH4AM50V400-8 | P233555 | 500 V | 400 A | 26 W | 1 | 2.18 kg |
| NH4AM50V500-8 | Q233556 | 500 V | 500 A | 38 W | 1 | 2.18 kg |
| NH4AM50V630-8 | E222115 | 500 V | 630 A | 50 W | 1 | 2.18 kg |
| NH4AM50V800-8 | V222865 | 500 V | 800 A | 65 W | 1 | 2.18 kg |
| NH4AM50V1000-8 | S219137 | 500 V | 1000 A | 80 W | 1 | 2.18 kg |
| NH4AM50V1250-8 | V219668 | 500 V | 1250 A | 110 W | 1 | 2.18 kg |



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## NH fuse-links aM 500VAC

PRODUCT RANGE

### top indicator/live gripping-lugs size 4, 4a

NH4AAM50V630-8

#### Size 4a aM 500VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH4AAM50V500-8 | R233557 | 500 V | 500 A | 38 W | 1 | 2.2 kg |
| NH4AAM50V630-8 | S233558 | 500 V | 630 A | 50 W | 1 | 2.2 kg |
| NH4AAM50V800-8 | T233559 | 500 V | 800 A | 65 W | 1 | 2.2 kg |
| NH4AAM50V1000-8 | V233560 | 500 V | 1000 A | 80 W | 1 | 2.2 kg |
| NH4AAM50V1250-8 | W233561 | 500 V | 1250 A | 110 W | 1 | 2.2 kg |

## NH fuse-links aM 690VAC

PRODUCT RANGE

### double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH000AM69V10

#### Size 000 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH000AM69V2 | P227851 | 690 V | 2 A | 0.1 W | 3 | 0.13 kg |
| NH000AM69V4 | Q227852 | 690 V | 4 A | 0.2 W | 3 | 0.13 kg |
| NH000AM69V6 | R227853 | 690 V | 6 A | 0.3 W | 3 | 0.13 kg |
| NH000AM69V10 | S227854 | 690 V | 10 A | 0.5 W | 3 | 0.13 kg |
| NH000AM69V16 | T227855 | 690 V | 16 A | 0.7 W | 3 | 0.13 kg |
| NH000AM69V20 | V227856 | 690 V | 20 A | 0.9 W | 3 | 0.13 kg |
| NH000AM69V25 | W227857 | 690 V | 25 A | 1.2 W | 3 | 0.13 kg |
| NH000AM69V32 | X227858 | 690 V | 32 A | 1.5 W | 3 | 0.13 kg |
| NH000AM69V35 | Y227859 | 690 V | 35 A | 1.6 W | 3 | 0.13 kg |
| NH000AM69V40 | Z227860 | 690 V | 40 A | 1.8 W | 3 | 0.13 kg |
| NH000AM69V50 | A227861 | 690 V | 50 A | 2.3 W | 3 | 0.13 kg |
| NH000AM69V63 | B227862 | 690 V | 63 A | 2.9 W | 3 | 0.13 kg |

NH00AM69V125

#### Size 00 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH00AM69V50 | D227864 | 690 V | 50 A | 2.3 W | 3 | 0.2 kg |
| NH00AM69V63 | E227865 | 690 V | 63 A | 2.9 W | 3 | 0.2 kg |
| NH00AM69V80 | F227866 | 690 V | 80 A | 3.6 W | 3 | 0.2 kg |
| NH00AM69V100 | G227867 | 690 V | 100 A | 5.2 W | 3 | 0.2 kg |
| NH00AM69V125 | H227868 | 690 V | 125 A | 6.4 W | 3 | 0.2 kg |

NH0AM69V160

#### Size 0 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH0AM69V10 | L227871 | 690 V | 10 A | 0.5 W | 3 | 0.26 kg |
| NH0AM69V16 | M227872 | 690 V | 16 A | 0.8 W | 3 | 0.26 kg |
| NH0AM69V20 | N227873 | 690 V | 20 A | 1 W | 3 | 0.26 kg |
| NH0AM69V25 | P227874 | 690 V | 25 A | 1.3 W | 3 | 0.26 kg |
| NH0AM69V32 | Q227875 | 690 V | 32 A | 1.6 W | 3 | 0.26 kg |
| NH0AM69V35 | R227876 | 690 V | 35 A | 1.7 W | 3 | 0.26 kg |
| NH0AM69V40 | S227877 | 690 V | 40 A | 2 W | 3 | 0.26 kg |
| NH0AM69V50 | T227878 | 690 V | 50 A | 2.8 W | 3 | 0.26 kg |
| NH0AM69V63 | V227879 | 690 V | 63 A | 3.4 W | 3 | 0.26 kg |
| NH0AM69V80 | W227880 | 690 V | 80 A | 4.9 W | 3 | 0.26 kg |
| NH0AM69V100 | X227881 | 690 V | 100 A | 6 W | 3 | 0.26 kg |
| NH0AM69V125 | Y227882 | 690 V | 125 A | 7.9 W | 3 | 0.26 kg |
| NH0AM69V160 | Z227883 | 690 V | 160 A | 10.5 W | 3 | 0.26 kg |

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# NH fuse-links aM 690VAC

PRODUCT RANGE

## double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

NH1AM69V250

### Size 1 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH1AM69V16 | B227885 | 690 V | 16 A | 1 W | 3 | 0.43 kg |
| NH1AM69V20 | C227886 | 690 V | 20 A | 1.2 W | 3 | 0.43 kg |
| NH1AM69V25 | D227887 | 690 V | 25 A | 1.4 W | 3 | 0.43 kg |
| NH1AM69V32 | E227888 | 690 V | 32 A | 1.9 W | 3 | 0.43 kg |
| NH1AM69V35 | F227889 | 690 V | 35 A | 2 W | 3 | 0.43 kg |
| NH1AM69V40 | G227890 | 690 V | 40 A | 2.3 W | 3 | 0.43 kg |
| NH1AM69V50 | H227891 | 690 V | 50 A | 2.9 W | 3 | 0.43 kg |
| NH1AM69V63 | J227892 | 690 V | 63 A | 3.6 W | 3 | 0.43 kg |
| NH1AM69V80 | K227893 | 690 V | 80 A | 4.6 W | 3 | 0.43 kg |
| NH1AM69V100 | L227894 | 690 V | 100 A | 5.8 W | 3 | 0.43 kg |
| NH1AM69V125 | M227895 | 690 V | 125 A | 7.5 W | 3 | 0.43 kg |
| NH1AM69V160 | N227896 | 690 V | 160 A | 10.4 W | 3 | 0.43 kg |
| NH1AM69V200 | P227897 | 690 V | 200 A | 14.2 W | 3 | 0.43 kg |
| NH1AM69V224 | Q227898 | 690 V | 224 A | 15.8 W | 3 | 0.43 kg |
| NH1AM69V250 | R227899 | 690 V | 250 A | 17.5 W | 3 | 0.43 kg |

NH2AM69V400

### Size 2 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH2AM69V35 | L227963 | 690 V | 35 A | 1.8 W | 3 | 0.64 kg |
| NH2AM69V40 | M227964 | 690 V | 40 A | 2.1 W | 3 | 0.64 kg |
| NH2AM69V50 | N227965 | 690 V | 50 A | 2.7 W | 3 | 0.64 kg |
| NH2AM69V63 | P227966 | 690 V | 63 A | 3.4 W | 3 | 0.64 kg |
| NH2AM69V80 | Q227967 | 690 V | 80 A | 4.4 W | 3 | 0.64 kg |
| NH2AM69V100 | R227968 | 690 V | 100 A | 5.5 W | 3 | 0.64 kg |
| NH2AM69V125 | S227969 | 690 V | 125 A | 6.4 W | 3 | 0.64 kg |
| NH2AM69V160 | T227970 | 690 V | 160 A | 9.3 W | 3 | 0.64 kg |
| NH2AM69V200 | V227971 | 690 V | 200 A | 11.3 W | 3 | 0.64 kg |
| NH2AM69V224 | W227972 | 690 V | 224 A | 12.2 W | 3 | 0.64 kg |
| NH2AM69V250 | X227973 | 690 V | 250 A | 16.8 W | 3 | 0.64 kg |
| NH2AM69V300 | Y227974 | 690 V | 300 A | 21 W | 3 | 0.64 kg |
| NH2AM69V315 | Z227975 | 690 V | 315 A | 23.1 W | 3 | 0.64 kg |
| NH2AM69V355 | A227976 | 690 V | 355 A | 26.4 W | 3 | 0.64 kg |
| NH2AM69V400 | B227977 | 690 V | 400 A | 29.7 W | 3 | 0.64 kg |

NH3AM69V500

### Size 3 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH3AM69V250 | D227979 | 690 V | 250 A | 14.6 W | 1 | 1.05 kg |
| NH3AM69V300 | E227980 | 690 V | 300 A | 21 W | 1 | 1.05 kg |
| NH3AM69V315 | F227981 | 690 V | 315 A | 21 W | 1 | 1.05 kg |
| NH3AM69V355 | G227982 | 690 V | 355 A | 23.3 W | 1 | 1.05 kg |
| NH3AM69V400 | H227983 | 690 V | 400 A | 29.1 W | 1 | 1.05 kg |
| NH3AM69V425 | J227984 | 690 V | 425 A | 29.1 W | 1 | 1.05 kg |
| NH3AM69V450 | K227985 | 690 V | 450 A | 34 W | 1 | 1.05 kg |
| NH3AM69V500 | L227986 | 690 V | 500 A | 42 W | 1 | 1.05 kg |



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# NH fuse-links aM 690VAC

PRODUCT RANGE

## top indicator/live gripping-lugs size 4, 4a

NH4AM69V400-8

### Size 4 aM 690VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH4AM69V400-8 | Q227990 | 690 V | 400 A | 26 W | 1 | 2 kg |
| NH4AM69V500-8 | R227991 | 690 V | 500 A | 38 W | 1 | 2 kg |
| NH4AM69V630-8 | S227992 | 690 V | 630 A | 50 W | 1 | 2 kg |
| NH4AM69V800-8 | T227993 | 690 V | 800 A | 65 W | 1 | 2 kg |
| NH4AM69V1000-8 | V227994 | 690 V | 1000 A | 80 W | 1 | 2 kg |

NH4AAM69V500-8

### Size 4a aM 690VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|
| NH4AAM69V500-8 | X227996 | 690 V | 500 A | 38 W | 1 | 2.2 kg |
| NH4AAM69V630-8 | Y227997 | 690 V | 630 A | 50 W | 1 | 2.2 kg |
| NH4AAM69V800-8 | A227999 | 690 V | 800 A | 65 W | 1 | 2.2 kg |
| NH4AAM69V1000-8 | B228000 | 690 V | 1000 A | 80 W | 1 | 2.2 kg |

# NH fuse-links gTr 400VAC

PRODUCT RANGE

## middle indicator/live gripping-lugs size 2, 3, 4a

NH22GTR250KVA

### Size 2 gTr 400VAC middle indicator

| Catalog number | Item number | Rated current $I_n$ | Power dissipation at $I_n$ | Transformer nominal capacity | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH2GTR50KVA | S1028691 | 50 A | 5.5 W | 50 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR75KVA | T1028692 | 75 A | 7.3 W | 75 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR100KVA | V1028693 | 100 A | 9 W | 100 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR125KVA | W1028694 | 125 A | 11.2 W | 125 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR160KVA | Y1028696 | 160 A | 14 W | 160 kVA | 40 mm | 3/30 | 0.5 kg |
| NH22GTR200KVA | G1030498 | 200 A | 16 W | 200 kVA | 50 mm | 3/24 | 0.5 kg |
| NH22GTR250KVA | H1030499 | 250 A | 21 W | 250 kVA | 50 mm | 3/24 | 0.5 kg |

NH32GTR630KVA

### Size 3 gTr 400VAC middle indicator

| Catalog number | Item number | Rated current $I_n$ | Power dissipation at $I_n$ | Transformer nominal capacity | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH3GTR50KVA | J1030500A | 50 A | 5.5 W | 50 kVA | 50 mm | 1 | 1 kg |
| NH3GTR75KVA | K1030501A | 75 A | 7.3 W | 75 kVA | 50 mm | 1 | 1 kg |
| NH3GTR100KVA | L1030502A | 100 A | 9 W | 100 kVA | 50 mm | 1 | 1 kg |
| NH3GTR125KVA | J1028706A | 125 A | 11.2 W | 125 kVA | 50 mm | 1 | 1 kg |
| NH3GTR160KVA | M1030503A | 160 A | 14 W | 160 kVA | 50 mm | 1 | 1 kg |
| NH3GTR200KVA | N1030504A | 200 A | 16 W | 200 kVA | 50 mm | 1 | 1 kg |
| NH32GTR315KVA | Y1030513A | 315 A | 25 W | 315 kVA | 71 mm | 1 | 1 kg |
| NH32GTR400KVA | Z1030514A | 400 A | 31 W | 400 kVA | 71 mm | 1 | 1 kg |
| NH32GTR500KVA | H1028705A | 500 A | 53 W | 500 kVA | 71 mm | 1 | 1 kg |
| NH32GTR630KVA | A1030515A | 630 A | 62 W | 630 kVA | 71 mm | 1 | 1 kg |

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# NH fuse-links gTr 400VAC

PRODUCT RANGE

## middle indicator/live gripping-lugs size 2, 3, 4a

NH4A2GTR1000KVA

### Size 4a gTr 400VAC middle indicator

| Catalog number | Item number | Rated current $I_n$ | Power dissipation at $I_n$ | Transformer nominal capacity | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH4AGTR100KVA | X1028718 | 100 A | 12 W | 100 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR125KVA | Y1028719 | 125 A | 15 W | 125 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR160KVA | Z1028720 | 160 A | 18 W | 160 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR200KVA | A1028721 | 200 A | 23 W | 200 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR250KVA | B1028722 | 250 A | 28 W | 250 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR315KVA | C1028723 | 315 A | 32 W | 315 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR400KVA | D1028724 | 400 A | 39 W | 400 kVA | 73 mm | 1 | 2.2 kg |
| NH4A2GTR500KVA | H1030522 | 500 A | 49 W | 500 kVA | 98 mm | 1 | 2.2 kg |
| NH4A2GTR630KVA | J1030523 | 630 A | 66 W | 630 kVA | 98 mm | 1 | 2.2 kg |
| NH4A2GTR800KVA | K1030524 | 800 A | 81 W | 800 kVA | 98 mm | 1 | 2.2 kg |
| NH4A2GTR1000KVA | L1030525 | 1000 A | 108 W | 1000 kVA | 98 mm | 1 | 2.2 kg |



# NH fuse-links gTr 400VAC

PRODUCT RANGE

## top indicator/live gripping-lugs size 2, 3, 4a

NH22GTR250KVA-8

### Size 2 gTr 400VAC top indicator

| Catalog number | Item number | Rated current $I_n$ | Power dissipation at $I_n$ | Transformer nominal capacity | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH2GTR50KVA-8 | Z1028697 | 50 A | 5.5 W | 50 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR75KVA-8 | A1028698 | 75 A | 7.3 W | 75 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR100KVA-8 | B1028699 | 100 A | 9 W | 100 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR125KVA-8 | D1028701 | 125 A | 11.2 W | 125 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR160KVA-8 | E1028702 | 160 A | 14 W | 160 kVA | 40 mm | 3/30 | 0.5 kg |
| NH22GTR200KVA-8 | F1028703 | 200 A | 16 W | 200 kVA | 50 mm | 3/24 | 0.5 kg |
| NH22GTR250KVA-8 | G1028704 | 250 A | 21 W | 250 kVA | 50 mm | 3/24 | 0.5 kg |

NH32GTR630KVA-8

### Size 3 gTr 400VAC top indicator

| Catalog number | Item number | Rated current $I_n$ | Power dissipation at $I_n$ | Transformer nominal capacity | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH3GTR50KVA-8 | K1028707A | 50 A | 5.5 W | 50 kVA | 50 mm | 1 | 1 kg |
| NH3GTR75KVA-8 | L1028708A | 75 A | 7.3 W | 75 kVA | 50 mm | 1 | 1 kg |
| NH3GTR100KVA-8 | M1028709A | 100 A | 9 W | 100 kVA | 50 mm | 1 | 1 kg |
| NH3GTR125KVA-8 | N1028710A | 125 A | 11.2 W | 125 kVA | 50 mm | 1 | 1 kg |
| NH3GTR160KVA-8 | P1028711A | 160 A | 14 W | 160 kVA | 50 mm | 1 | 1 kg |
| NH3GTR200KVA-8 | Q1028712A | 200 A | 16 W | 200 kVA | 50 mm | 1 | 1 kg |
| NH3GTR250KVA-8 | R1028713A | 250 A | 21 W | 250 kVA | 50 mm | 1 | 1 kg |
| NH32GTR315KVA-8 | S1028714A | 315 A | 25 W | 315 kVA | 71 mm | 1 | 1 kg |
| NH32GTR400KVA-8 | T1028715A | 400 A | 31 W | 400 kVA | 71 mm | 1 | 1 kg |
| NH32GTR500KVA-8 | V1028716A | 500 A | 53 W | 500 kVA | 71 mm | 1 | 1 kg |
| NH32GTR630KVA-8 | W1028717A | 630 A | 62 W | 630 kVA | 71 mm | 1 | 1 kg |

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# NH fuse-links gTr 400VAC

PRODUCT RANGE

## top indicator/live gripping-lugs size 2, 3, 4a

NH4AGTR100KVA-8

### Size 4a gTr 400VAC top indicator

| Catalog number | Item number | Rated current $I_n$ | Power dissipation at $I_n$ | Transformer nominal capacity | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH4AGTR100KVA-8 | E1028725 | 100 A | 12 W | 100 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR125KVA-8 | F1028726 | 125 A | 15 W | 125 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR160KVA-8 | G1028727 | 160 A | 18 W | 160 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR200KVA-8 | H1028728 | 200 A | 23 W | 200 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR250KVA-8 | J1028729 | 250 A | 28 W | 250 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR315KVA-8 | K1028730 | 315 A | 32 W | 315 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR400KVA-8 | L1028731 | 400 A | 39 W | 400 kVA | 73 mm | 1 | 2.2 kg |
| NH42GTR500KVA-8 | V1030487 | 500 A | 49 W | 500 kVA | 98 mm | 1 | 2.2 kg |
| NH42GTR630KVA-8 | W1030488 | 630 A | 66 W | 630 kVA | 98 mm | 1 | 2.2 kg |
| NH42GTR800KVA-8 | Y1030490 | 800 A | 81 W | 800 kVA | 98 mm | 1 | 2.2 kg |
| NH42GR1000KVA-8 | B1029067 | 1000 A | 108 W | 1000 kVA | 98 mm | 1 | 2.2 kg |

# NH fuse-links gTr 400VAC

PRODUCT RANGE

## middle indicator/isolated gripping-lugs size 2, 3

NH22GTR250KVA-1

### Size 2 gTr 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated current $I_n$ | Power dissipation at $I_n$ | Transformer nominal capacity | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH2GTR50KVA-1 | M1028686 | 50 A | 5.5 W | 50 kVA | 42 mm | 3/30 | 0.5 kg |
| NH2GTR75KVA-1 | N1028687 | 75 A | 7.3 W | 75 kVA | 42 mm | 3/30 | 0.5 kg |
| NH2GTR100KVA-1 | P1028688 | 100 A | 9 W | 100 kVA | 42 mm | 3/30 | 0.5 kg |
| NH2GTR125KVA-1 | Q1028689 | 125 A | 11.2 W | 125 kVA | 42 mm | 3/30 | 0.5 kg |
| NH2GTR160KVA-1 | R1028690 | 160 A | 14 W | 160 kVA | 42 mm | 3/30 | 0.5 kg |
| NH22GTR200KVA-1 | Q1030529 | 200 A | 16 W | 200 kVA | 53 mm | 3/24 | 0.5 kg |
| NH22GTR250KVA-1 | R1030530 | 250 A | 21 W | 250 kVA | 53 mm | 3/24 | 0.5 kg |

NH32GTR400KVA-1

### Size 3 gTr 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated current $I_n$ | Power dissipation at $I_n$ | Transformer nominal capacity | Width | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH3GTR50KVA-1 | S1030531A | 50 A | 5.5 W | 50 kVA | 53 mm | 1 | 1 kg |
| NH3GTR75KVA-1 | T1030532A | 75 A | 7.3 W | 75 kVA | 53 mm | 1 | 1 kg |
| NH3GTR100KVA-1 | V1030533A | 100 A | 9 W | 100 kVA | 53 mm | 1 | 1 kg |
| NH3GTR125KVA-1 | W1030534A | 125 A | 11.2 W | 125 kVA | 53 mm | 1 | 1 kg |
| NH3GTR160KVA-1 | X1030535A | 160 A | 14 W | 160 kVA | 53 mm | 1 | 1 kg |
| NH3GTR200KVA-1 | Y1030536A | 200 A | 16 W | 200 kVA | 53 mm | 1 | 1 kg |
| NH3GTR250KVA-1 | Z1030537A | 250 A | 21 W | 250 kVA | 53 mm | 1 | 1 kg |
| NH32GTR315KVA-1 | D1030541A | 315 A | 21 W | 315 kVA | 73 mm | 1 | 1 kg |
| NH32GTR400KVA-1 | E1030542A | 400 A | 25 W | 400 kVA | 73 mm | 1 | 1 kg |

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# NH fuse-links gG 500 - 690VAC

## with striker size 0, 1, 2, 3, 4

PRODUCT RANGE

NH0GG50V160P-2

### Size 0 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH0GG69V32P-2 | P213637 | 690 V | 32 A | 80 kA | 3.7 W | 3 | 0.28 kg |
| NH0GG69V35P-2 | S214146 | 690 V | 35 A | 80 kA | 4 W | 3 | 0.28 kg |
| NH0GG69V40P-2 | W214655 | 690 V | 40 A | 80 kA | 4.5 W | 3 | 0.28 kg |
| NH0GG69V50P-2 | B215166 | 690 V | 50 A | 80 kA | 5.2 W | 3 | 0.28 kg |
| NH0GG69V63P-2 | D215674 | 690 V | 63 A | 80 kA | 6.2 W | 3 | 0.28 kg |
| NH0GG69V80P-2 | J216185 | 690 V | 80 A | 80 kA | 7.5 W | 3 | 0.28 kg |
| NH0GG69V100P-2 | H216690 | 690 V | 100 A | 80 kA | 8.5 W | 3 | 0.28 kg |
| NH0GG50V125P-2 | V217207 | 500 V | 125 A | 120 kA | 10.7 W | 3 | 0.28 kg |
| NH0GG50V160P-2 | A217718 | 500 V | 160 A | 120 kA | 13.5 W | 3 | 0.28 kg |
| NH0GG50V200P-2 | K218233 | 500 V | 200 A | 120 kA | 15 W | 3 | 0.28 kg |

NH1GG50V355P-2

### Size 1 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH1GG69V80P-2 | Y218751 | 690 V | 80 A | 80 kA | 6.9 W | 3 | 0.35 kg |
| NH1GG69V100P-2 | M219270 | 690 V | 100 A | 80 kA | 8.1 W | 3 | 0.35 kg |
| NH1GG69V125P-2 | P219801 | 690 V | 125 A | 80 kA | 9.6 W | 3 | 0.35 kg |
| NH1GG69V160P-2 | Z222478 | 690 V | 160 A | 80 kA | 11.9 W | 3 | 0.35 kg |
| NH1GG69V200P-2 | R223000 | 690 V | 200 A | 80 kA | 14.9 W | 3 | 0.35 kg |
| NH1GG50V224P-2 | Y200788 | 500 V | 224 A | 120 kA | 16.7 W | 3 | 0.35 kg |
| NH1GG50V250P-2 | Q201333 | 500 V | 250 A | 120 kA | 18.7 W | 3 | 0.35 kg |
| NH1GG50V315P-2 | Z201847 | 500 V | 315 A | 120 kA | 25 W | 3 | 0.35 kg |
| NH1GG50V355P-2 | W211067 | 500 V | 355 A | 120 kA | 28 W | 3 | 0.35 kg |

NH2GG50V400P-2

### Size 2 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH2GG69V125P-2 | W212102 | 690 V | 125 A | 80 kA | 9.5 W | 3 | 0.56 kg |
| NH2GG69V160P-2 | L212622 | 690 V | 160 A | 80 kA | 11.5 W | 3 | 0.56 kg |
| NH2GG69V200P-2 | Y213139 | 690 V | 200 A | 80 kA | 14.5 W | 3 | 0.56 kg |
| NH2GG69V224P-2 | Q213638 | 690 V | 224 A | 80 kA | 16 W | 3 | 0.56 kg |
| NH2GG69V250P-2 | T214147 | 690 V | 250 A | 80 kA | 17.5 W | 3 | 0.56 kg |
| NH2GG69V315P-2 | X214656 | 690 V | 315 A | 80 kA | 23 W | 3 | 0.56 kg |
| NH2GG50V400P-2 | K216186 | 500 V | 400 A | 120 kA | 29 W | 3 | 0.56 kg |
| NH2GG50V500P-2 | W217208 | 500 V | 500 A | 120 kA | 39 W | 3 | 0.56 kg |

NH3GG50V630P-2

### Size 3 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH3GG69V315P-2 | B217719 | 690 V | 315 A | 80 kA | 23 W | 3 | 0.87 kg |
| NH3GG69V355P-2 | L218234 | 690 V | 355 A | 80 kA | 25 W | 3 | 0.87 kg |
| NH3GG69V400P-2 | Z218752 | 690 V | 400 A | 80 kA | 29 W | 3 | 0.87 kg |
| NH3GG69V500P-2 | N219271 | 690 V | 500 A | 80 kA | 39 W | 3 | 0.87 kg |
| NH3GG50V630P-2 | Q219802 | 500 V | 630 A | 120 kA | 47 W | 3 | 0.87 kg |

### Size 4 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH4GG69V500P-2 | S1000079 | 690 V | 500 A | 120 kA | 40 W | 1 | 2.2 kg |
| NH4GG69V630P-2 | T1000080 | 690 V | 630 A | 120 kA | 53 W | 1 | 2.2 kg |
| NH4GG69V800P-2 | V1000081 | 690 V | 800 A | 120 kA | 68 W | 1 | 2.2 kg |
| NH4GG50V1000P-2 | W1000082 | 500 V | 1000 A | 120 kA | 65 W | 1 | 2.2 kg |
| NH4GG50V1250P-2 | X1000083 | 500 V | 1250 A | 120 kA | 61 W | 1 | 2.2 kg |

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# NH fuse-links aM 500 - 690VAC

## with striker, size 0, 1, 2, 3, 4

PRODUCT RANGE

NH0AM69V125P-2

### Size 0 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH0AM69V32P-2 | Z213140 | 690 V | 32 A | 80 kA | 2.4 W | 3 | 0.28 kg |
| NH0AM69V40P-2 | R213639 | 690 V | 40 A | 80 kA | 2.8 W | 3 | 0.28 kg |
| NH0AM69V50P-2 | V214148 | 690 V | 50 A | 80 kA | 3.6 W | 3 | 0.28 kg |
| NH0AM69V63P-2 | Y214657 | 690 V | 63 A | 80 kA | 4.6 W | 3 | 0.28 kg |
| NH0AM69V80P-2 | C215167 | 690 V | 80 A | 80 kA | 6 W | 3 | 0.28 kg |
| NH0AM69V100P-2 | F215676 | 690 V | 100 A | 80 kA | 7.5 W | 3 | 0.28 kg |
| NH0AM69V125P-2 | L216187 | 690 V | 125 A | 80 kA | 9.5 W | 3 | 0.28 kg |
| NH0AM69V160P-2 | J216691 | 690 V | 160 A | 80 kA | 12 W | 3 | 0.28 kg |
| NH0AM50V200P-2 | X217209 | 500 V | 200 A | 120 kA | - | 3 | 0.28 kg |

NH1AM69V250P-2

### Size 1 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH1AM69V80P-2 | C217720 | 690 V | 80 A | 80 kA | 6 W | 3 | 0.38 kg |
| NH1AM69V100P-2 | M218235 | 690 V | 100 A | 80 kA | 7.5 W | 3 | 0.38 kg |
| NH1AM69V125P-2 | A218753 | 690 V | 125 A | 80 kA | 9.9 W | 3 | 0.38 kg |
| NH1AM69V160P-2 | P219272 | 690 V | 160 A | 80 kA | 12.7 W | 3 | 0.38 kg |
| NH1AM69V200P-2 | B222480 | 690 V | 200 A | 80 kA | 16.4 W | 3 | 0.38 kg |
| NH1AM69V250P-2 | T223002 | 690 V | 250 A | 80 kA | 21.5 W | 3 | 0.38 kg |
| NH1AM50V315P-2 | A200790 | 500 V | 315 A | 120 kA | - | 3 | 0.38 kg |

NH2AM69V315P-2

### Size 2 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH2AM69V125P-2 | S201335 | 690 V | 125 A | 80 kA | - | 3 | 0.56 kg |
| NH2AM69V160P-2 | B201849 | 690 V | 160 A | 80 kA | 12.7 W | 3 | 0.56 kg |
| NH2AM69V200P-2 | Y211069 | 690 V | 200 A | 80 kA | 16.4 W | 3 | 0.56 kg |
| NH2AM69V224P-2 | P211590 | 690 V | 224 A | 80 kA | 18.7 W | 3 | 0.56 kg |
| NH2AM69V250P-2 | Y212104 | 690 V | 250 A | 80 kA | 21.5 W | 3 | 0.56 kg |
| NH2AM69V315P-2 | N212624 | 690 V | 315 A | 80 kA | 29 W | 3 | 0.56 kg |
| NH2AM69V355P-2 | A213141 | 690 V | 355 A | 80 kA | 32 W | 3 | 0.56 kg |
| NH2AM69V400P-2 | S213640 | 690 V | 400 A | 80 kA | 34 W | 3 | 0.56 kg |
| NH2AM50V500P-2 | W214149 | 500 V | 500 A | 120 kA | - | 3 | 0.56 kg |

### Size 3 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH3AM69V315P-2 | Z214658 | 690 V | 315 A | 80 kA | 25 W | 3 | 0.87 kg |
| NH3AM69V355P-2 | D215168 | 690 V | 355 A | 80 kA | 29 W | 3 | 0.87 kg |
| NH3AM69V400P-2 | G215677 | 690 V | 400 A | 80 kA | 34 W | 3 | 0.87 kg |
| NH3AM69V500P-2 | M216188 | 690 V | 500 A | 80 kA | 45 W | 3 | 0.87 kg |
| NH3AM50V630P-2 | K216692 | 500 V | 630 A | 120 kA | 60 W | 3 | 0.87 kg |

NH4AM69V500P-2

### Size 4 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| NH4AM69V500P-2 | P1000076 | 690 V | 500 A | 120 kA | 38 W | 1 | 2.2 kg |
| NH4AM69V630P-2 | Q1000077 | 690 V | 630 A | 120 kA | 50 W | 1 | 2.2 kg |
| NH4AM69V800P-2 | R1000078 | 690 V | 800 A | 120 kA | 65 W | 1 | 2.2 kg |
| NH4AM69V1000P-2 | Y1000084 | 690 V | 1000 A | 120 kA | 80 W | 1 | 2.2 kg |
| NH4AM50V1250P-2 | Z1000085 | 500 V | 1250 A | 120 kA | 100 W | 1 | 2.2 kg |

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# BSL NH Fuse-Rails

## Size 00 160A, 690VAC

PRODUCT RANGE

1.002.440

1.002.443

### BSL 160 A size 00 for 100 mm bus bar system

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.002.440 | R1002286 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 0.83 kg |
| 1.002.441 | R1023423 | 3 clamp straps Cu 4-70 mm² | with cover shroud MZ00KH | 1 piece | 0.88 kg |
| 1.002.442 | T1023425 | 3 Al/Cu clamps 1,5-70 mm² | with cover shroud MZ00KH | 1 piece | 0.84 kg |
| 1.002.443 | V1023426 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 0.88 kg |
| 1.002.444 | W1023427 | 3 frame clamps Cu 2,5-70 mm² | with cover shroud MZ00KH | 1 piece | 0.82 kg |

01BSLA100

01BSLS100

### BSL 160 A size 00 for 185 mm bus bar system

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 01BSLA100 | M1023419 | 3 Al/Cu clamps 1,5-70 mm² | with cover shroud MZ00KH | 3 pieces | 2 kg |
| 01BSLN100 | S1002287 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 2 kg |
| 01BSLS100 | P1023421 | 3 clamp straps Cu 4-70 mm² | with cover shroud MZ00KH | 2 pieces | 2 kg |
| 1.000.913 | Q1023422 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 4 pieces | 2 kg |

ACCESSORIES

MZ00KH

MZ00KA

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00KH | F1023298 | cover shroud length 106 mm for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000.915 | H1023300 | cover shroud for MULTIVERT®/BSL 160 A with V-terminal | 1 piece | 50 g |

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# BSL NH Fuse-Rails

## Size 00 160A, 690VAC

MZ00LPAP MZ01LPAP 1.002.493 1.002.830

### Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ00LPAP | B1023409 | spare way cover without level adjustment<br>width 50 mm, length 320 mm<br>for single adapter MZ00ESA and double adapter MZ00DSA<br>including fixing material | bus bar system 100 mm | 1 piece | 50 g |
| MZ01LPAP | C1023410 | spare way cover without level adjustment<br>width 50 mm, length 500 mm<br>including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| 1.002.493 | N1002283 | spare way cover<br>width 50 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.830 | E1023412 | spare way cover<br>width 50 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation,<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |

00SZRK3

### Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZRK3 | K215105 | hooked clamp size 00, M = 5 Nm<br>1 set = 3 pieces | 1 set | 0.10 kg |

MZ00DSA MZ00ESAECO MZ01DSA MZ01ESA

### Adapter für installation on to bus bars with screw terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ00DSA | C217145 | double adapter 100/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/100 mm 1x3-pole | 1 piece | 0.71 kg |
| MZ00ESAECO | D1023296 | Single adapter 100/185 mm to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/100 mm 1x3-pole | 1 piece | 0.19 kg |
| MZ01DSA | G228764 | double adapter 185/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/185 mm 1x3-pole | 1 piece | 0.7 kg |
| MZ01ESA | H228765 | single adapter 185/185 mm (for installation of MULTIVERT®/BSL with screws M8) to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/185 mm 1x3-pole | 1 piece | 0.39 kg |



1.002.684

### Covers/protective covers for tags

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| 1.002.684 | N1023420 | protective cover for NH-fuse links (protective cover for tags)<br>1 set = 3 pieces | BSL size 00<br>160 A/100 mm | 1 set | 40 g |

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# BSL NH Fuse-Rails

## Size 00 160A, 690VAC

ACCESSORIES

MZ00BT2

### Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00BT2 | K215611 | label holder size 00 | 1 piece | 10 g |



1.002.600

MZ00STW

### Phase barriers

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| 1.002.600 | W1002290 | lateral phase barrier (snap on)<br>1 set = 3 pieces | BSL size 00<br>160 A/100 mm | 1 set | 14 g |
| MZ00STW | V1002289 | lateral phase barrier (snap on)<br>1 set = 3 pieces | BSL size 00<br>160 A/185 mm | 1 set | 33 g |

00SZS

00SZESK

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZS | M229298 | M8 terminal screw<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp<br>50 -95 mm² round stranded<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm²<br>1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZVK1 | D1023434 | V-terminal clamp size 00,<br>10–70 mm² round stranded, 10-95 mm² round solid,<br>35–95 mm² single stranded, 50–95 mm² single solid,<br>M = 12 Nm | 30 | 0.4 kg |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |

1.003.433

00SZVK1

1.000.098

# BSL NH Fuse-Rails

## Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC

PRODUCT RANGE

BL1B403K000

### BSL 250 A size 1 for 185 mm bus bar system

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| BL1B403K000 | X1002291 | 3 M12 bolts | 1 piece | 3.2 kg |
| BL1E403K000 | X1023428 | 3 M10 insert nuts | 1 piece | 3.1 kg |
| BL1V403K000 | Y1023429 | V-terminal 35-240 mm² | 1 piece | 3.7 kg |

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# BSL NH Fuse-Rails

PRODUCT RANGE

## Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC

BL2V403K000

### BSL 400 A size 2 for 185 mm bus bar system

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| BL2B403K000 | A1002294 | 3 M12 bolts | 1 piece | 3.8 kg |
| BL2E403K000 | Z1023430 | 3 M12 insert nuts | 1 piece | 3.7 kg |
| BL2V403K000 | A1023431 | V-terminal 35-240 mm² | 1 piece | 3.7 kg |

BL3B403K000

### BSL 630 A size 3 for 185 mm bus bar system

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| BL3B403K000 | E1002298 | 3 M12 bolts | 1 piece | 4.4 kg |
| BL3E403K000 | B1023432 | 3 M12 insert nuts | 1 piece | 4.2 kg |
| BL3V403K000 | C1023433 | V-terminal 35-240 mm² | 1 piece | 3.7 kg |

ACCESSORIES

MZKAB

MZKHO

MZKAB1

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZKAB | J1023301 | cover shroud for clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.10 kg |
| MZKHO | G217655 | cover shroud for cable terminal connections with cable lugs on switchboards with central cover length 190 mm | top terminal | 1 piece | 0.13 kg |
| MZKAB1 | K1023302 | cover shroud for special (high) clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.12 kg |

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# BSL NH Fuse-Rails

ACCESSORIES

## Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC

MZ01LPAP

MZLPAP

1.002.493

1.002.492

1.002.830

1.002.829

### Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ01LPAP | C1023410 | spare way cover without level adjustment<br>width 50 mm, length 500 mm<br>including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| MZLPAP | D1023411 | spare way cover<br>width 100 mm, length 612 mm<br>including 2 pieces M12 fixing screws<br>(distance of fixing holes 185 mm) | bus bar system 185 mm | 1 piece | 0.56 kg |
| 1.002.493 | N1002283 | spare way cover<br>width 50 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.492 | M1002282 | spare way cover<br>width 100 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.20 kg |
| 1.002.830 | E1023412 | spare way cover<br>width 50 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation,<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |
| 1.002.829 | F1023413 | spare way cover<br>width 100 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.27 kg |

1.000.192

### Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.192 | P1002284 | hooked clamp size 1, 2, 3, M = 15–20 Nm<br>hexagon socket connection (inbus)<br>for MULTIVERT®/BSL with top or bottom terminal<br>1 set = 3 pieces | 1 set | 0.47 kg |

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# BSL NH Fuse-Rails

ACCESSORIES

## Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC

MZGLAD

### Covers/protective covers for tags

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZGLAD | G1002300 | protective cover for NH-fuse links (protective cover for tags) | BSL size 1,2,3 | 1 piece | 0.27 kg |

MZBC

MZBT

### Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZBC | J1002302 | labelling clip | 1 piece | 12 g |
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |



MZSTW1

### Phase barriers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZSTW1 | H1002301 | lateral phase barrier (snap on)<br>1 set = 3 pieces | 1 set | 40 g |

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# BSL NH Fuse-Rails

ACCESSORIES

## Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC

1.002.909

1.002.910

1.002.902

1.002.903

22SZVK42



1.000.099

1.001.667

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.909 | K1024613 | V-terminal clamp size 1,2,3,<br>95-240 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 3 pieces | 1 set | 0.24 kg |
| 1.002.910 | L1024614 | V-terminal clamp size 1,2,3,<br>95-300 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 3 pieces | 1 set | 0.26 kg |
| 1.002.902 | M1024615 | V-terminal clamp size 1,2,3<br>95-240 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M= 23 -27 Nm, with V-lug art. no. 22SZSV1<br>1 set = 3 clamps + 3 lugs | 1 set | 0.42 kg |
| 1.002.903 | N1024616 | V-terminal clamp size 1,2,3<br>95-300 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm, with V-shaped lug art. no. 22SZSV1<br>1 set = 3 clamps + 3 lugs | 1 set | 0.44 kg |
| 22SZVK42 | Q1024618 | V-terminal clamp size 1,2,3 for 2 conductors<br>50–240 mm²single solid, 50-185 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid<br>M = 23–27 Nm | 1 piece | 6.8 g |
| 1.000.099 | E1023436 | insulation cap for V-terminal clamp size 1,2,3 | 1 piece | 0.1 g |
| 1.001.667 | F1023275 | adapter for double terminal L3 | 1 piece | 0.25 kg |



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# NH Fuse-Bases

PRODUCT RANGE

BB001EPBR

BB003EPVBLOC

## NH Plastic bases Size 00 - 160A (power acceptance: 12W)

| Catalog number | Item number | Number of poles/ phases | Connection | Installation mode | Package | Weight |
|---|---|---|---|---|---|---|
| **Type EP (square contacts)** | | | | | | |
| BB001EP | F215170 | 1 | Screw | Screw | 3 | 0.13 kg |
| BB00EPBT | T219805 | 1 | Clamp | Screw | 3 | 0.13 kg |
| BB001EPBR | F200795 | 1 | Clamp | DIN rail | 3 | 0.13 kg |
| BB001EPR | R216192 | 1 | Screw | DIN rail | 3 | 0.13 kg |
| BB001EPR-BR | G1060812 | 1 | Screw / Clamp | DIN rail | 3 | 0.13 kg |
| BB001EPBR-R | H1060813 | 1 | Clamp / Screw | DIN rail | 3 | 0.13 kg |
| BB002EP | A217212 | 2 | Screw | Screw | 2 | 0.29 kg |
| BB002EPB | D200793 | 2 | Clamp | Screw | 2 | 0.29 kg |
| BB002EPR | F218758 | 2 | Screw | DIN rail | 2 | 0.29 kg |
| BB002EPBR | T211594 | 2 | Clamp | DIN rail | 2 | 0.29 kg |
| BB003EPB | W201338 | 3 | Clamp | Screw | 1 | 0.4 kg |
| BB003EPVBLOC | W229122 | 3 | Screw | Screw | 1 | 0.4 kg |
| BB003EPBR | C212108 | 3 | Clamp | DIN rail | 1 | 0.4 kg |
| BB003EPRBLOC | V229121 | 3 | Screw | DIN rail | 1 | 0.4 kg |
| BB004EP | S219275 | 4 | Screw | Screw | 1 | 0.58 kg |
| BB004EPB | R211592 | 4 | Clamp | Screw | 1 | 0.58 kg |
| BB004EPR | Z223007 | 4 | Screw | DIN rail | 1 | 0.58 kg |
| BB004EPBR | M215682 | 4 | Clamp | DIN rail | 1 | 0.58 kg |
| **Indirect touch protection IP 20** | | | | | | |
| BB001FS | M216694 | 1 | Screw | Screw | 3 | 0.19 kg |
| BB001RFS | S218240 | 1 | Screw | DIN rail | 3 | 0.19 kg |
| BB003SFSBLOC | T229120 | 3 | Screw | Screw | 1 | 0.53 kg |
| BB003RFSBLOC | S229119 | 3 | Screw | DIN rail | 1 | 0.53 kg |

BB01EP

## NH Plastic bases Size 0 - 160A (power acceptance: 25W)

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|---|---|---|---|---|---|---|
| **Type EP (square contacts)** | | | | | | |
| BB01EP | B213142 | 1 | Screw | Screw | 3 | 0.19 kg |
| BB01EPR | S216193 | 1 | Screw | DIN rail | 3 | 0.19 kg |
| BB02EP | C214661 | 2 | Screw | Screw | 2 | 0.42 kg |
| BB02EPR | P216696 | 2 | Screw | DIN rail | 2 | 0.42 kg |
| BB03EP | G215171 | 3 | Screw | Screw | 1 | 0.64 kg |
| BB03EPR | C217214 | 3 | Screw | DIN rail | 1 | 0.64 kg |
| BB04EP | Q216191 | 4 | Screw | Screw | 1 | 0.88 kg |
| BB04EPR | J217726 | 4 | Screw | DIN rail | 1 | 0.88 kg |
| **Type PP (clip contacts)** | | | | | | |
| BB01PP | N216695 | 1 | Screw | Screw | 3 | 0.21 kg |
| BB01PPR | T218241 | 1 | Screw | DIN rail | 3 | 0.21 kg |
| BB02PP | B217213 | 2 | Screw | Screw | 2 | 0.46 kg |
| BB02PPR | G218759 | 2 | Screw | DIN rail | 2 | 0.46 kg |
| BB03PP | G217724 | 3 | Screw | Screw | 1 | 0.62 kg |
| BB03PPR | W219278 | 3 | Screw | DIN rail | 1 | 0.62 kg |
| BB04PP | R218239 | 4 | Screw | Screw | 1 | 0.85 kg |
| BB04PPR | H222486 | 4 | Screw | DIN rail | 1 | 0.85 kg |
| **Indirect touch protection IP20** | | | | | | |
| BB01PPFS | X226708 | 1 | Screw | Screw | 3 | 0.31 kg |
| BB01EPRFS | G226717 | 1 | Screw | DIN rail | 3 | 0.31 kg |
| BB03PPFS | Z226710 | 3 | Screw | Screw | 1 | 0.91 kg |
| BB03EPRFS | J226719 | 3 | Screw | DIN rail | 1 | 0.91 kg |

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# NH Fuse-Bases

PRODUCT RANGE

BB11PP

## NH Plastic bases Size 1 - 250A (power acceptance: 32W)

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|---|---|---|---|---|---|---|
| **Type PP (clip contacts)** | | | | | | |
| BB11PP | E218757 | 1 | Screw | Screw | 3 | 0.44 kg |
| BB11PPR | A223008 | 1 | Screw | DIN rail | 3 | 0.44 kg |
| BB12PP | F222484 | 2 | Screw | Screw | 2 | 0.95 kg |
| BB12PPR | G200796 | 2 | Screw | DIN rail | 2 | 0.95 kg |
| BB13PP | Y223006 | 3 | Screw | Screw | 1 | 1.5 kg |
| BB13PPR | Y201340 | 3 | Screw | DIN rail | 1 | 1.5 kg |
| BB14PP | X201339 | 4 | Screw | Screw | 1 | 1.9 kg |
| BB14PPR | H201855 | 4 | Screw | DIN rail | 1 | 1.9 kg |
| **Indirect touch protection IP20** | | | | | | |
| BB11FS | V219806 | 1 | Screw | Screw | 3 | 0.7 kg |
| BB11PPRFS | P226724 | 1 | Screw | DIN rail | 3 | 0.7 kg |
| BB13PPRFS | Q226725 | 3 | Screw | DIN rail | 1 | 1.93 kg |

BB21PP

## NH Plastic bases Size 2 - 400A (power acceptance: 45W)

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|---|---|---|---|---|---|---|
| **Type PP (clip contacts)** | | | | | | |
| BB21PP | F201853 | 1 | Screw | Screw | 3 | 0.53 kg |
| BB21PPR | E211075 | 1 | Screw | DIN rail | 3 | 0.53 kg |
| BB22PP | S211593 | 2 | Screw | Screw | 2 | 1.15 kg |
| BB22PPR | V211595 | 2 | Screw | DIN rail | 2 | 1.15 kg |
| BB23PP | B212107 | 3 | Screw | Screw | 1 | 1.75 kg |
| BB23PPR | D212109 | 3 | Screw | DIN rail | 1 | 1.75 kg |
| BB24PP | C213143 | 4 | Screw | Screw | 1 | 2.35 kg |
| BB24PPR | R212627 | 4 | Screw | DIN rail | 1 | 2.35 kg |
| **Indirect touch protection IP20** | | | | | | |
| BB21PPFS | C226713 | 1 | Screw | Screw | 3 | 0.84 kg |
| BB21PPRFS | R226726 | 1 | Screw | DIN rail | 3 | 0.84 kg |
| BB23PPFS | D226714 | 3 | Screw | Screw | 1 | 2.22 kg |
| BB23PPRFS | S226727 | 3 | Screw | DIN rail | 1 | 2.22 kg |

BB31PP

## NH Plastic bases Size 3 - 630A (power acceptance: 60W)

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|---|---|---|---|---|---|---|
| **Type PP (clip contacts)** | | | | | | |
| BB31PP | W213643 | 1 | Screw | Screw | 3 | 0.72 kg |
| BB31PPR | X213644 | 1 | Screw | DIN rail | 3 | 0.72 kg |
| BB32PP | D214662 | 2 | Screw | Screw | 2 | 1.55 kg |
| BB32PPR | B214154 | 2 | Screw | DIN rail | 2 | 1.55 kg |
| BB33PP | H215172 | 3 | Screw | Screw | 1 | 2.36 kg |
| BB33PPR | F214664 | 3 | Screw | DIN rail | 1 | 2.36 kg |
| BB34PP | L215681 | 4 | Screw | Screw | 1 | 3.3 kg |
| BB34PPR | K215174 | 4 | Screw | DIN rail | 1 | 3.3 kg |
| **Indirect touch protection IP20** | | | | | | |
| BB31PPFS | E226715 | 1 | Screw | Screw | 3 | 1.1 kg |
| BB31PPRFS | T226728 | 1 | Screw | DIN rail | 3 | 1.1 kg |
| BB33PPFS | F226716 | 3 | Screw | Screw | 1 | 2.22 kg |
| BB33PPRFS | V226729 | 3 | Screw | DIN rail | 1 | 2.22 kg |

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# NH Fuse-Bases

PRODUCT RANGE

### NH Plastic bases Size 4 type P (clip contacts) fuse bases - 1250A

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|---|---|---|---|---|---|---|
| BB41P | W223004 | 1 | Screw | Screw | 1 | 2.23 kg |

### NH Plastic bases for NH fuse-links with striker

| Catalog number | Item number | Size | Rated current $I_n$ | Number of poles/ phases | Connection | Installation mode | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| **For NH fuse-links with striker** | | | | | | | | |
| BB01PPMS | T216194 | 0 | 160 A | 1 | Screw | Screw / DIN rail | 1 | 0.29 kg |
| BB11PPMS | Q216697 | 1 | 250 A | 1 | Screw | Screw / DIN rail | 1 | 0.52 kg |
| BB21PPMS | D217215 | 2 | 400 A | 1 | Screw | Screw / DIN rail | 1 | 0.61 kg |
| BB31PPMS | H218760 | 3 | 630 A | 1 | Screw | Screw / DIN rail | 1 | 0.8 kg |

ACCESSORIES

BB00TS

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| BB00TS | M222513 | Size 00 | 6 | 14.4 g |
| BB0TS | K200822 | Size 0 | 6 | 24.1 g |
| BB1TS | L201881 | Size 1 | 6 | 51.6 g |
| BB2TS | Y211621 | Size 2 | 6 | 53.3 g |
| BB3TS | X212655 | Size 3 | 6 | 0.1 kg |

BB00COV

### Covers/protective covers for tags

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| BB00COV | G213170 | Size 00 | 3 | 20 g |
| BB0COV | F214181 | Size 0 | 3 | 28.3 g |
| BB1-2COV | K214691 | Size 1-2 | 3 | 48.3 g |
| BB3COV | R215709 | Size 3 | 3 | 58 g |

BB00CL

### Phase barriers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| BB001BLOC | B233865 | Size 00-3 poles | 2 | 20 g |
| BB00CL | W212654 | Size 00 | 2 | 18.7 g |
| BB0CL | Z213669 | Size 0 | 2 | 20 g |
| BB1-2PPCL | J214690 | Sizes 1 & 2 | 2 | 45 g |
| BB3PPCL | Q215708 | Size 3 | 2 | 65 g |

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# NH Fuse-Bases

ACCESSORIES



### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| BORNEABF95 | A218270 | 1 cable<br>Size min. - max.: 10mm - 95mm | 50 | 0.10 kg |
| BORNEABF150 | N218788 | 1 cable<br>Size min. - max.: 16mm - 150mm | 30 | 0.17 kg |
| BORNEABF240 | A219305 | 1 cable<br>Size min. - max.: 50mm - 240mm | 15 | 0.36 kg |
| BORNEABF50D | B219835 | 2 cables<br>Size min. - max.: 6mm - 50mm | 60 | 0.51 kg |
| BORNEABF95D | P222515 | 2 cables<br>Size min. - max.: 10mm - 95mm | 30 | 0.17 kg |
| BORNEABF150D | F223036 | 2 cables<br>Size min. - max.: 25mm - 150mm | 20 | 0.27 kg |
| BORNEABF240D | B201366 | 2 cables<br>Size min. - max.: 95mm - 240mm | 5 | 0.60 kg |

### Auxiliary Switches

| Catalog number | Item number | Design | Rated current $I_n$ | Package | Weight |
|---|---|---|---|---|---|
| MSBB01 | X219279 | Size 0 | 160 A | 1 | 39 g |
| MSBB11 | Y219809 | Size 1 | 250 A | 1 | 41 g |
| MSBB21 | J222487 | Size 2 | 400 A | 1 | 41 g |
| MSBB31 | B223009 | Size 3 | 630 A | 1 | 33 g |

BBPAK0

### Multipole assembly

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| BBPAK0 | V216724 | Size 0 | 2 | 7.5 g |
| BBPAK1-2 | N217753 | Size 1-2 | 2 | 20 g |
| BBPAK3 | M218787 | Size 3 | 2 | 27.5 g |

# NH Fuse Handles

PRODUCT RANGE

08024.000000

### NH Fuse Handle with arm protection

| Catalog number | Item number | Size | Design | Package | Weight |
|---|---|---|---|---|---|
| 08024.000000 | X216105 | 00 to 4 | with fire proof arm protection to DIN VDE 0636-2, DIN VDE 608-4 | 1 | 0.54 kg |

NHHANDLE

### NH Fuse Handle without arm protection

| Catalog number | Item number | Size | Design | Package | Weight |
|---|---|---|---|---|---|
| NHHANDLE | P215592 | 00 to 4 | without arm protection to DIN VDE 0636-2, DIN VDE 608-4 | 5/25 | 0.28 kg |

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# NH Solid Links

PRODUCT RANGE

NH00DKNIFESGP

NH3DKNIFESGP

## Solid links with insulated tags

| Catalog number | Item number | Size | Rated current $I_n$ | Package | Weight |
|---|---|---|---|---|---|
| NH00DKNIFESGP | W216058 | 000/00 | 160 A | 12 | 0.07 kg |
| NH0DKNIFESGP | J217082 | 0 | 160 A | 12 | 0.1 kg |
| NH1DKNIFESGP | Y218107 | 1 | 250 A | 12 | 0.13 kg |
| NH2DKNIFESGP | E200656 | 2 | 400 A | 6 | 0.21 kg |
| NH3DKNIFESGP | J201718 | 3 | 630 A | 6 | 0.27 kg |

NH00NEUTRAL

NH2NEUTRAL

## Solid links with live tags

| Catalog number | Item number | Size | Rated current $I_n$ | Package | Weight |
|---|---|---|---|---|---|
| NH00NEUTRAL | Z218269 | 000/00 | 160 A | 15 | 0.08 kg |
| NH0NEUTRAL | Z219304 | 0 | 160 A | 15 | 0.1 kg |
| NH1NEUTRAL | A219834 | 1 | 250 A | 9 | 0.15 kg |
| NH2NEUTRAL | N222514 | 2 | 400 A | 6 | 0.23 kg |
| NH3NEUTRAL | E223035 | 3 | 630 A | 6 | 0.27 kg |
| NH4NEUTRAL | L200823 | 4 | 1250 A | 1 | 0.66 kg |

33SZSM2

## Special solid links

| Catalog number | Item number | Size | Rated current $I_n$ | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 33SZSM2 | D1046342 | 3 | 1000 A | special solid link for MULTIVERT® size 3, 1000A,larger cross section, nickel plated copper | 1 | 0.39 kg |

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# MULTIBLOC® 000.ST8

PRODUCT RANGE

## Size 000, 100A, 690VAC, Design for Bottom Fitting, Triple Pole

C00ST601

### MULTIBLOC® 000.ST8 size 000 100 A, 690VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|---|---|---|---|---|---|
| C00ST601 | J1002118 | 3 | 6 frame clamps 1,5–50 mm² | 1 piece | 0.46 kg |

ACCESSORIES



C00SZAB

### Cover shields

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| C00SZAB | Q1002170 | cover shield 180 x 110 for 1switch | 1 piece | 27 g |

C00SZDIN

### Installation devices

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| C00SZDIN | Z1022970 | adapter for installation on to DIN-rails<br>in accordance with EN 50 022,<br>35 x 7,5 mm and 35 x 15 mm<br>for 000.ST8 triple pole | 1 piece | 10 g |

C00SZHID

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| C00SZHID | R1022986 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V<br>for MULTIBLOC® 000.ST8<br>1 set = 3 pieces | 1 piece | 60 g |

C00SZLFA

### Insulated bus bars

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| C00SZLFA | Q1022985 | spare way cover for three poles of insulated bus bar | 5 pieces | 10 g |

# MULTIBLOC® 000.RST8

## Size 000, 100A, 690VAC, Design for bus bar installation, Triple Pole

1.002.571

### MULTIBLOC® 000.RST8 size 000 100 A, 690VAC bus bar installation, triple pole

| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|---|---|---|---|---|---|
| 1.002.571 | L1002166 | 3 | 3 frame clamps 2,5-50 mm² bottom terminal | 1 piece | 0.6 kg |
| 1.002.572 | L1023050 | 3 | 3 frame clamps 2,5-50 mm² top terminal | 1 piece | 0.62 kg |

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# MULTIBLOC® 000.RST8

ACCESSORIES

## Size 000, 100A, 690VAC, Design for bus bar installation, Triple Pole

1.002.644

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.644 | N1022983 | cover for cable terminal connection, 1 set = 2 pieces | 1 set | 68 g |

1.002.643

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.643 | T1022988 | indicator for switch door position<br>micro switch 1 change-over contact 5 A, 250 V<br>for MULTIBLOC® 000.RST8<br>1 set = 3 pieces | 1 piece | 0.1 kg |

# MULTIBLOC® 00.ST8

PRODUCT RANGE

## Size 00 160A, 690VAC Bottom Fitting, 1-,2-,4-pole

1.000.053

1.001.817

### MULTIBLOC® 00.ST8 size 00 160A, 690VAC bottom fitting, single pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.053 | F229292 | 1 | 2 M8 terminal screws | - | 1 piece | 0.32 kg |
| 1.000.054 | E1022998 | 1 | 2 clamp straps Cu 4–70 mm² | - | 1 piece | 0.32 kg |
| 1.000.114 | F1022999 | 1 | 2 Al/Cu clamps 1,5–70 mm²round stranded, 95 mm² sectoral solid | - | 1 piece | 0.35 kg |
| 1.001.817 | G1023000 | 1 | 2 M8 terminal screws | for direct installation on to bus bars with M8 screw | 1 piece | 0.29 kg |

1.000.139

### MULTIBLOC® 00.ST8 size 00 160A, 690VAC bottom fitting, double pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.139 | G229293 | 2 | 3 M8 terminal screws | 2 poles | 1 piece | 0.62 kg |
| 1.004.453 | E1062213 | 2 | 3 M8 terminal screws | with ready fitted special solid link as neutral conductor in pole 2 for leading and lagging switching (right side) | 1 piece | 0.62 kg |
| 1.000.140 | H1023001 | 2 | 4 clamp straps Cu 4 –70 mm² | 2 poles | 1 piece | 0.62 kg |



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# MULTIBLOC® 00.ST8

PRODUCT RANGE

## Size 00 160A, 690VAC Bottom Fitting, 1-,2-,4-pole

1.000.141

1.002.377

### MULTIBLOC® 00.ST8 size 00 160A, 690VAC bottom fitting, quadruple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.141 | J1023002 | 4 | 8 M8 terminal screws | pole 4 right side | 1 piece | 1.04 kg |
| 1.000.142 | K1023003 | 4 | 8 clamp straps Cu 4–70 mm² | pole 4 right side | 1 piece | 1.04 kg |
| 1.001.575 | L1023004 | 4 | 8 M8 terminal screws | pole 4 left side | 1 piece | 1.04 kg |
| 1.002.377 | T1002127 | 4 | 8 M8 terminal screws | with ready fitted special solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 1.8 kg |
| 1.003.141 | N1023006 | 4 | 8 clamp straps Cu 4-70 mm² | with ready fitted special solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 1.8 kg |

ACCESSORIES

1.002.764

### Cover shields

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.764 | T1022965 | cover shield for installation in distribution units<br>size (width x height): 220 x 240 mm<br>for one 00.ST8 quadruple pole | 1 piece | 93 g |

1.000.149

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.149 | V229282 | cover for cable terminal connection for 00.ST8 single pole,<br>1 set = 2 pieces | 1 set | 21 g |
| 1.000.148 | W229283 | cover for cable terminal connection for 00.ST9 triple pole,<br>1 set = 2 pieces | 1 set | 43 g |

1.000.151 1.000.152

### Installation devices

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.151 | B229288 | adapter for installation between DIN-rails<br>in accordance with EN 60715, DIN-rail distance 125mm<br>for 00.ST8 single pole | 1 piece | 80 g |
| 1.000.152 | C229289 | adapter for installation between DIN-rails<br>in accordance with EN 60715, DIN-rail distance 150mm<br>for 00.ST8 single pole | 1 piece | 0.14 kg |

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# MULTIBLOC® 00.ST8

ACCESSORIES

## Size 00 160A, 690VAC Bottom Fitting, 1-,2-,4-pole

MZ00HD

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00HD | V1022989 | indicator for switch door position<br>micro switch 1 “a” contact/ 1 “b” contact, 5 A, 250 V<br>for MULTIBLOC® 00.ST8 1-, 2- , 4-pole | 1 piece | 90 g |

1.000.155

### Locking and sealing devices/cover sealing device

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.155 | L229297 | cover sealing device-installation set<br>for 00.ST8 1-, 2-, 4-pole and 1.ST8/RST8 | 1 piece | 10 g |

1.000.150

### Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.150 | K229296 | locking device for window<br>for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8<br>1 set = 3 pieces | 1 set | 20 g |

00SZS

00SZESK

1.003.433

00SZSV6

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZS | M229298 | M8 terminal screw<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp<br>50 -95 mm² round stranded<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm²<br>1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZSV6 | K1022957 | V-shaped lug size 00, M8, for V-terminal clamp size 00<br>for switch gear size 00 with screw terminal<br>supplementary set for V-terminal with V-terminal clamps<br>1 set = 3 pieces | 1 set | 0.13 kg |

00SZNS

### Neutral conductor

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZNS | A1023086 | neutral conductor support<br>for lateral installation<br>either left or right side of MULTIBLOC® size 00<br>cable termination clamp strap Cu 4-70 mm² round stranded/round solid | 1 piece | 83 g |



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# MULTIBLOC® 00.ST9

PRODUCT RANGE

## Size 00, 160A, 690VAC, Design for Bottom Fitting, Triple Pole

2.030.000

2.030.100

2.030.200

### MULTIBLOC® 00.ST9 size 00 160A, 690VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 2.030.000 | P1023007 | 3 | 6 M8 terminal screws | - | 1 piece | 0.75 kg |
| 2.030.100 | V1023012 | 3 | 6 M8 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage = 525VAC) | 1 piece | 0.86 kg |
| 2.030.200 | C1023042 | 3 | 6 M8 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 1.39 kg |
| 2.030.300 | D1023043 | 3 | 6 M8 terminal screws | fixed window to protect against unautho-rized connection | 1 piece | 0.75 kg |
| 2.031.000 | E1023044 | 3 | 6 clamp straps Cu 4-70mm² | - | 1 piece | 0.75 kg |
| 2.031.300 | F1023045 | 3 | 6 clamp straps Cu 4-70mm² | fixed window to protect against unautho-rized connection | 1 piece | 0.75 kg |
| 2.032.000 | G1023046 | 3 | 6 Al/Cu clamps<br>1,5-70 mm² round stranded,<br>95 mm² sectoral solid | - | 1 piece | 0.85 kg |
| 2.033.000 | H1023047 | 3 | 6 frame clamps<br>Cu 2,5-70 mm²<br>factory assembled | - | 1 piece | 0.7 kg |
| 2.034.000 | J1023048 | 3 | 3 M8 terminal screws,<br>3 clamp straps Cu 4-70mm² | - | 1 piece | 0.75 kg |
| 2.035.000 | K1023049 | 3 | 3 M8 terminal screws<br>3 Al/Cu clamps<br>1,5-70 mm² round stranded,<br>95 mm² sectoral solid | - | 1 piece | 0.75 kg |

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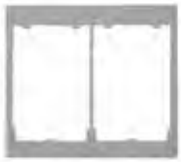
# MULTIBLOC® 00.ST9

ACCESSORIES

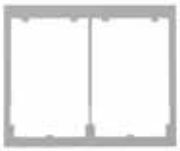
## Size 00, 160A, 690VAC, Design for Bottom Fitting, Triple Pole

1.000.126

1.003.431



1.002.874



1.000.127

1.000.128

### Cover shields

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.126 | Y229285 | cover shield for installation in distribution units<br>size (width x height): 123 x 190 mm<br>for one 00.ST9/00.RST9 | 1 piece | 22 g |
| 1.003.431 | N1022960 | cover shield for installation in distribution units<br>size (width x height): 123 x 210 mm<br>for one 00.ST9/00.RST9 | 1 piece | 30 g |
| 1.002.874 | S1022964 | cover shield for installation in distribution units<br>size (width x height): 231 x 210 mm<br>for two 00.ST9/00.RST9 | 1 piece | 57 g |
| 1.000.127 | Z229286 | cover shield for installation in distribution units<br>size (width x height): 231 x 190 mm<br>for two 00.ST9/00.RST9 | 1 piece | 46 g |
| 1.000.128 | A229287 | cover shield for installation in distribution units<br>size (width x height): 339 x 190 mm<br>for three 00.ST9/00.RST9 | 1 piece | 30 g |
| 1.002.870 | R1022963 | cover shield for installation in distribution units<br>size (width x height) 231 x 210 mm<br>for one 00.ST9/00.RST9<br>+ lateral spare way cover right side | 1 piece | 95 g |

1.000.148

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.148 | W229283 | cover for cable terminal connection for 00.ST9 triple pole,<br>1 set = 2 pieces | 1 set | 43 g |

1.000.153

1.000.154

### Installation devices

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.153 | C229887 | adapter for installation between DIN-rails<br>in accordance with EN 60715, DIN-rail distance 125mm<br>for 00.ST9 triple pole | 1 piece | 0.24 kg |
| 1.000.154 | D229888 | adapter for installation between DIN-rails<br>in accordance with EN 60715, DIN-rail distance 150mm<br>for 00.ST9 triple pole | 1 piece | 0.29 kg |

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.852 | Q1002285 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |



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# MULTIBLOC® 00.ST9

ACCESSORIES

## Size 00, 160A, 690VAC, Design for Bottom Fitting, Triple Pole

00SZS

00SZESK

1.003.433

00SZSV6

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZS | M229298 | M8 terminal screw<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp<br>50 -95 mm² round stranded<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm²<br>1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZSV6 | K1022957 | V-shaped lug size 00, M8, for V-terminal clamp size 00<br>for switch gear size 00 with screw terminal<br>supplementary set for V-terminal with V-terminal clamps<br>1 set = 3 pieces | 1 set | 0.13 kg |

00SZNS

### Neutral conductor

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZNS | A1023086 | neutral conductor support<br>for lateral installation<br>either left or right side of MULTIBLOC® size 00<br>cable termination clamp strap Cu 4-70 mm² round stranded/round solid | 1 piece | 83 g |

# MULTIBLOC® 00.RST9

PRODUCT RANGE

## Size 00, 160A, 690VAC, Design for bus bar installation, Triple Pole

2.074.000

### MULTIBLOC® 00.RST9 size 00 160A, bus bar installation 40mm, triple pole

| Catalog number | Item number | Poles | Bus bar installation | Cable termination components | Package | Weight |
|---|---|---|---|---|---|---|
| 2.074.000 | W1022990 | 3 | 40 mm<br>clamping bar | 3 M8 terminal screws<br>3 clamp straps 4-70 mm² | 1 piece | 1.06 kg |

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# MULTIBLOC® 00.RST9

PRODUCT RANGE

## Size 00, 160A, 690VAC, Design for bus bar installation, Triple Pole

3.084.000

3.084.100

3.084.200

### MULTIBLOC® 00.RST9 size 00 160A, bus bar installation 60mm, triple pole

| Catalog number | Item number | Poles | Bus bar installation | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|---|
| 3.084.000 | Z1022993 | 3 | 60 mm snap on | 3 M8 terminal screws<br>3 clamp straps 4–70 mm² | - | 1 piece | 0.93 kg |
| 3.083.000 | X1022991 | 3 | 60 mm snap on | 3 frame clamps<br>Cu 2,5-70 mm²<br>factory assembled | - | 1 piece | 0.88 kg |
| 3.084.300 | D1022997 | 3 | 60 mm snap on | 3 M8 terminal screws<br>3 clamp straps 4–70 mm² | fixed window to protect against unauthorized connection | 1 piece | 0.88 kg |
| 3.083.300 | Y1022992 | 3 | 60 mm snap on | 3 frame clamps<br>Cu 2,5-70 mm²<br>factory assembled | fixed window to protect against unauthorized connection | 1 piece | 0.88 kg |
| 3.084.100 | B1022995 | 3 | 60 mm snap on | 3 M8 terminal screws<br>3 clamp straps 4–70 mm² | with electronic fuse monitoring ESÜ installed (rated voltage = 525VAC) | 1 piece | 0.96 kg |
| 3.084.200 | C1022996 | 3 | 60 mm snap on | 3 M8 terminal screws<br>3 clamp straps 4–70 mm² | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 1.46 kg |



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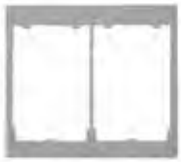
# MULTIBLOC® 00.RST9

ACCESSORIES

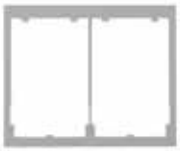
## Size 00, 160A, 690VAC, Design for bus bar installation, Triple Pole

1.000.126

1.003.431



1.002.874



1.000.127

1.000.128

### Cover shields

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.126 | Y229285 | cover shield for installation in distribution units<br>size (width x height): 123 x 190 mm<br>for one 00.ST9/00.RST9 | 1 piece | 22 g |
| 1.003.431 | N1022960 | cover shield for installation in distribution units<br>size (width x height): 123 x 210 mm<br>for one 00.ST9/00.RST9 | 1 piece | 30 g |
| 1.002.874 | S1022964 | cover shield for installation in distribution units<br>size (width x height): 231 x 210 mm<br>for two 00.ST9/00.RST9 | 1 piece | 57 g |
| 1.000.127 | Z229286 | cover shield for installation in distribution units<br>size (width x height): 231 x 190 mm<br>for two 00.ST9/00.RST9 | 1 piece | 46 g |
| 1.000.128 | A229287 | cover shield for installation in distribution units<br>size (width x height): 339 x 190 mm<br>for three 00.ST9/00.RST9 | 1 piece | 30 g |
| 1.002.870 | R1022963 | cover shield for installation in distribution units<br>size (width x height) 231 x 210 mm<br>for one 00.ST9/00.RST9<br>+ lateral spare way cover right side | 1 piece | 95 g |

1.000.148

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.148 | W229283 | cover for cable terminal connection for 00.ST9 triple pole,<br>1 set = 2 pieces | 1 set | 43 g |
| 1.003.325 | F1023114 | bus bar touch protection for 00.RST9 | 1 piece | 25 g |

1.000.852

1.000.157

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.852 | Q1002285 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |
| 1.000.157 | S1022987 | indicator for switch door position<br>micro switch 1 “a” contact/ 1 “b” contact, 5 A, 250 V<br>for MULTIBLOC® 00.RST9 for 40 mm bus bar system | 1 piece | 0.1 kg |

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## MULTIBLOC® 00.RST9

ACCESSORIES

### Size 00, 160A, 690VAC, Design for bus bar installation, Triple Pole

00SZS

00SZESK

1.003.433

00SZSV6

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZS | M229298 | M8 terminal screw<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp<br>50 -95 mm² round stranded<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm²<br>1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZSV6 | K1022957 | V-shaped lug size 00, M8, for V-terminal clamp size 00<br>for switch gear size 00 with screw terminal<br>supplementary set for V-terminal with V-terminal clamps<br>1 set = 3 pieces | 1 set | 0.13 kg |



## MULTIBLOC® 1.ST8

PRODUCT RANGE

### Size 1, 250A, 690VAC, Design for Bottom Fitting, 1-,2-,3-,4-pole

1.000.388

### MULTIBLOC® 1.ST8 size 1 250A, 690VAC bottom fitting, single pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.388 | Q229876 | 1 | 2 M10 terminal screws | - | 1 piece | 1 kg |
| 1.001.818 | S1023056 | 1 | 2 M10 terminal screws | for direct installation on to bus bars with M10 screws | 1 piece | 0.91 kg |

1.001.818

1.000.397

### MULTIBLOC® 1.ST8 size 1 250A, 690VAC bottom fitting, double pole

| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|---|---|---|---|---|---|
| 1.000.397 | R229877 | 2 | 4 M10 terminal screws | 1 piece | 2.06 kg |

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# MULTIBLOC® 1.ST8

PRODUCT RANGE

## Size 1, 250A, 690VAC, Design for Bottom Fitting, 1-,2-,3-,4-pole

1.000.299

1.002.711

### MULTIBLOC® 1.ST8 size 1 250A, 690VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.299 | S229878 | 3 | 6 M10 terminal screws | - | 1 piece | 2.42 kg |
| 1.001.239 | V1023058 | 3 | 3 clamp straps 70–150 mm²<br>3 M10 terminal screws | - | 1 piece | 2.42 kg |
| 1.002.562 | W1023059 | 3 | 6 clamp straps 70-150 mm² | - | 1 piece | 2.42 kg |
| 1.002.711 | X1023060 | 3 | 6 M10 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage=525VAC) | 1 piece | 2.64 kg |
| 1.000.831 | T1023057 | 3 | 6 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 3.13 kg |

1.000.405

### MULTIBLOC® 1.ST8 size 1 250A, 690VAC bottom fitting, quadruple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.405 | Y1023061 | 4 | 8 M10 terminal screws | - | 1 piece | 3.4 kg |
| 1.002.378 | V1002128 | 4 | 8 M10 terminal screws | with ready fitted speacial solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 3.55 kg |

ACCESSORIES

1.000.353

1.002.351

### Cover shields

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.353 | Z229884 | cover shield for installation in distribution units<br>size (width x height): 210 x 260 mm<br>for one 1.ST8/1.RST8 triple pole | 1 piece | 68 g |
| 1.002.351 | X1022968 | cover shield for installation in distribution units<br>size (width x height): 230 x 283 mm<br>for one 1.ST8/1.RST8 triple pole | 1 piece | 90 g |

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# MULTIBLOC® 1.ST8

ACCESSORIES

## Size 1, 250A, 690VAC, Design for Bottom Fitting, 1-,2-,3-,4-pole

1.000.354

1.003.402

1.002.592

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.354 | W229881 | cover for cable terminal connection for 1.ST8 single pole,<br>1 set = 2 pieces | 1 set | 0.19 kg |
| 1.000.382 | V229880 | cover for cable terminal connection for 1.ST8 triple pole,<br>1 set = 2 pieces | 1 set | 0.29 kg |
| 1.003.402 | M1022982 | cover for cable terminal connection for 1.ST8 quadruple pole | 1 piece | 0.13 kg |
| 1.002.592 | G1023437 | bus bar touch protection for bus bar adapter size 1,<br>1 set = 2 pieces | 1 set | 0.20 kg |

1.002.501

### Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.501 | C1023088 | bus bar adapter size 1 with clamp terminal<br>for MULTIBLOC® 1.ST8 triple pole<br>for bus bar system 100 mm | 1 piece | 1.23 kg |

1.000.383 1.000.384

1.000.402 1.000.403

### Installation devices

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.383 | E229291 | adapter for installation on to DIN-rails<br>in accordance with EN 60 715-150 mm<br>for 1.ST8 triple pole | 1 piece | 3.1 kg |
| 1.000.384 | D229290 | adapter for installation on to DIN-rails<br>in accordance with EN 60 715-125 mm<br>for 1.ST8 triple pole | 1 piece | 3.1 kg |
| 1.000.402 | A229885 | adapter for installation on to DIN-rails<br>in accordance with EN 60 715-125 mm<br>for 1.ST8 single pole | 1 piece | 0.16 kg |
| 1.000.403 | B229886 | adapter for installation on to DIN-rails<br>in accordance with EN 60 715-150 mm<br>for 1.ST8 single pole | 1 piece | 0.19 kg |

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.852 | Q1002285 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

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# MULTIBLOC® 1.ST8

ACCESSORIES

## Size 1, 250A, 690VAC, Design for Bottom Fitting, 1-,2-,3-,4-pole

1.000.155

### Locking and sealing devices/cover sealing device

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.155 | L229297 | cover sealing device-installation set<br>for 00.ST8 1-, 2-, 4-pole and 1.ST8/RST8 | 1 piece | 10 g |

1.000.150

### Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.150 | K229296 | locking device for window<br>for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8<br>1 set = 3 pieces | 1 set | 20 g |

1.000.420

1.001.830

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.420 | E229889 | clamp strap 70–150 mm²<br>for 1.ST8 1- 4-pole + 1.RST8,<br>1 set = 3 pieces | 1 set | 0.14 kg |
| 1.001.830 | J1023117 | V-shaped lug size 1, M8, for V-terminal clamp size 1<br>for 1.ST8 1- to 4-pole + 1.RST8,<br>supplementary set for V-terminal<br>with use of V-clamps<br>1 set = 3 pieces | 1 set | 90 g |

# MULTIBLOC® 1.RST8

PRODUCT RANGE

## Size 1, 250A, 690VAC, Design for bus bar installation, Triple Pole

1.000.323

1.000.855

### MULTIBLOC® 1.RST8 size 1 250A, 690VAC bus bar installation, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.323 | T229879 | 3 | 3 M10 terminal screws | - | 1 piece | 3.09 kg |
| 1.001.294 | Q1023054 | 3 | 3 clamp straps 70–150 mm² | - | 1 piece | 3.06 kg |
| 1.003.134 | R1023055 | 3 | 3 M10 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage = 525VAC) | 1 piece | 3.14 kg |
| 1.000.855 | M1023051 | 3 | 3 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 3.8 kg |
| 1.000.936 | P1023053 | 3 | 6 M10 terminal screws | main incomer | 1 piece | 4.68 kg |

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# MULTIBLOC® 1.RST8

ACCESSORIES

## Size 1, 250A, 690VAC, Design for bus bar installation, Triple Pole

1.000.353

1.002.351

### Cover shields

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.353 | Z229884 | cover shield for installation in distribution units<br>size (width x height): 210 x 260 mm<br>for one 1.ST8/1.RST8 triple pole | 1 piece | 68 g |
| 1.002.351 | X1022968 | cover shield for installation in distribution units<br>size (width x height): 230 x 283 mm<br>for one 1.ST8/1.RST8 triple pole | 1 piece | 90 g |

1.000.382

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.382 | V229880 | cover for cable terminal connection for 1.ST8 triple pole,<br>1 set = 2 pieces | 1 set | 0.29 kg |
| 1.003.329 | G1023115 | bus bar touch protection for 1.RST8 | 1 piece | 82 g |

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.852 | Q1002285 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

1.000.155

### Locking and sealing devices/cover sealing device

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.155 | L229297 | cover sealing device-installation set<br>for 00.ST8 1-, 2-, 4-pole and 1.ST8/RST8 | 1 piece | 10 g |

1.000.150

### Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.150 | K229296 | locking device for window<br>for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8<br>1 set = 3 pieces | 1 set | 20 g |

1.000.420

1.001.830

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.420 | E229889 | clamp strap 70–150 mm²<br>for 1.ST8 1- 4-pole + 1.RST8,<br>1 set = 3 pieces | 1 set | 0.14 kg |
| 1.001.830 | J1023117 | V-shaped lug size 1, M8, for V-terminal clamp size 1<br>for 1.ST8 1- to 4-pole + 1.RST8,<br>supplementary set for V-terminal<br>with use of V-clamps<br>1 set = 3 pieces | 1 set | 90 g |



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# MULTIBLOC® 2.ST8

PRODUCT RANGE

## Size 2, 400A, 690VAC, Design for Bottom Fitting, 3-,4-pole

1.000.504

1.002.712

### MULTIBLOC® 2.ST8 size 2 400A, 690VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.504 | W1002129 | 3 | 6 M10 terminal screws | - | 1 piece | 3.5 kg |
| 1.001.240 | F1023068 | 3 | 3 clamp straps 120–240 mm²<br>3 M10 terminal screws | - | 1 piece | 3.5 kg |
| 1.002.563 | G1023069 | 3 | 6 clamp straps 120–240 mm² | - | 1 piece | 3.5 kg |
| 1.002.712 | H1023070 | 3 | 6 M10 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage=525VAC) | 1 piece | 3.6 kg |
| 1.000.832 | E1023067 | 3 | 6 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 4.25 kg |

1.001.688

### MULTIBLOC® 2.ST8 size 2 400A, 690VAC bottom fitting, quadruple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.001.688 | J1023071 | 4 | 8 M10 terminal screws | - | 1 piece | 5.04 kg |
| 1.002.379 | Y1002131 | 4 | 8 M10 terminal screws | with ready fitted speacial solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 5.26 kg |

## ACCESSORIES

1.000.863

### Cover shields

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.863 | V1002174 | cover shield for installation in distribution units<br>size (width x height): 230 x 300 mm<br>for one 2.ST8/2.RST8 triple pole | 1 piece | 0.10 kg |
| 1.002.352 | Y1022969 | cover shield for installation in distribution units<br>size (width x height): 234 x 310 mm<br>for one 2.ST8/2.RST8 triple pole | 1 piece | 0.11 kg |

1.003.255

1.002.593

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.003.255 | K1022980 | cover for cable terminal connection for 2.ST8 quadruple pole | 1 piece | 0.16 kg |
| 1.000.861 | N1002168 | cover for cable terminal connection for 2.ST8 triple pole,<br>1 set = 2 pieces | 1 set | 0.31 kg |
| 1.002.593 | J1023439 | bus bar touch protection for bus bar adapter size 2,<br>1 set = 2 pieces | 1 set | 0.26 kg |

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# MULTIBLOC® 2.ST8

ACCESSORIES

## Size 2, 400A, 690VAC, Design for Bottom Fitting, 3-,4-pole

1.002.502

### Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.502 | C1023111 | bus bar adapter size 2 with clamp terminal<br>for MULTIBLOC® 2.ST8 triple pole<br>for bus bar system 100 mm | 1 piece | 1.25 kg |

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.852 | Q1002285 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

1.000.150

### Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.150 | K229296 | locking device for window<br>for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8<br>1 set = 3 pieces | 1 set | 20 g |

1.001.237

13SZAV6

13SZAD6

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.001.237 | B1002180 | clamp strap size 2 120–240 mm²,<br>1 set = 3 pieces | 1 set | 0.26 kg |
| 13SZAV6 | K1023118 | V-terminal size 1,2,3; M12,<br>for V-terminal clamps size 1,2,3<br>for MULTIBLOC® size 2<br>supplementary set for V-terminal<br>with use of V-clamps<br>1 set = 3 pieces | 1 set | 0.27 kg |
| 13SZAD6 | A1022971 | M12 terminal lugs<br>for M12 double terminal<br>for MULTIBLOC® size 2 and 3<br>1 set = 3 pieces | 1 set | 0.26 kg |

# MULTIBLOC® 2.RST8

PRODUCT RANGE

## Size 2, 400A, 690VAC, Design for bus bar installation, Triple Pole

1.003.135

### MULTIBLOC® 2.RST8 size 2 400A, 690VAC bus bar installation, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.704 | M1002167 | 3 | 3 M10 terminal screws | - | 1 piece | 4.77 kg |
| 1.001.295 | C1023065 | 3 | 3 clamp straps 120–240 mm² | - | 1 piece | 4.61 kg |
| 1.003.135 | D1023066 | 3 | 3 M10 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage = 525VAC) | 1 piece | 4.6 kg |
| 1.000.856 | Z1023062 | 3 | 3 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 5.28 kg |
| 1.001.028 | A1023063 | 3 | 6 M10 terminal screws | main incomer | 1 piece | 5.74 kg |

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# MULTIBLOC® 2.RST8

ACCESSORIES

## Size 2, 400A, 690VAC, Design for bus bar installation, Triple Pole

1.000.863

### Cover shields

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.863 | V1002174 | cover shield for installation in distribution units<br>size (width x height): 230 x 300 mm<br>for one 2.ST8/2.RST8 triple pole | 1 piece | 0.10 kg |
| 1.002.352 | Y1022969 | cover shield for installation in distribution units<br>size (width x height): 234 x 310 mm<br>for one 2.ST8/2.RST8 triple pole | 1 piece | 0.11 kg |

1.003.347

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.861 | N1002168 | cover for cable terminal connection for 2.ST8 triple pole,<br>1 set = 2 pieces | 1 set | 0.31 kg |
| 1.003.347 | H1023116 | bus bar touch protection for 2.RST8 | 1 piece | 97 g |

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.852 | Q1002285 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

1.000.150

### Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.150 | K229296 | locking device for window<br>for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8<br>1 set = 3 pieces | 1 set | 20 g |

1.001.237

13SZAV6

13SZAD6

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.001.237 | B1002180 | clamp strap size 2 120–240 mm²,<br>1 set = 3 pieces | 1 set | 0.26 kg |
| 13SZAV6 | K1023118 | V-terminal size 1,2,3; M12,<br>for V-terminal clamps size 1,2,3<br>for MULTIBLOC® size 2<br>supplementary set for V-terminal<br>with use of V-clamps<br>1 set = 3 pieces | 1 set | 0.27 kg |
| 13SZAD6 | A1022971 | M12 terminal lugs<br>for M12 double terminal<br>for MULTIBLOC® size 2 and 3<br>1 set = 3 pieces | 1 set | 0.26 kg |

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# MULTIBLOC® 3.ST8

PRODUCT RANGE

## Size 3, 630A, 690VAC, Design for Bottom Fitting, 3-,4-pole

1.001.125

1.002.713

### MULTIBLOC® 3.ST8 size 3 630A, 690VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.001.125 | C1002135 | 3 | 6 M12 terminal screws | - | 1 piece | 4.94 kg |
| 1.001.241 | L1023073 | 3 | 3 clamp straps 150–300 mm²<br>3 M12 terminal screws | - | 1 piece | 5.13 kg |
| 1.002.713 | M1023074 | 3 | 6 M12 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage=525VAC) | 1 piece | 5.5 kg |
| 1.001.150 | K1023072 | 3 | 6 M12 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 5.74 kg |

1.001.904

### MULTIBLOC® 3.ST8 size 3 630A, 690VAC bottom fitting, quadruple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.001.904 | N1023075 | 4 | 8 M12 terminal screws | - | 1 piece | 7.44 kg |
| 1.002.661 | P1023076 | 4 | 8 M12 terminal screws | with ready fitted speacial solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 7.71 kg |



## ACCESSORIES

1.002.353

### Cover shields

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.353 | W1002175 | cover shield for installation in distribution units<br>size (width x height): 287 x 330 mm<br>for one 3.ST8 triple pole | 1 piece | 0.13 kg |

1.000.893

1.003.319

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.893 | P1002169 | cover for cable terminal connection for 3.ST8 triple pole,<br>1 set = 2 pieces | 1 set | 0.50 kg |
| 1.003.319 | L1022981 | cover for cable terminal connection for 3.ST8 quadruple pole | 1 piece | 0.25 kg |

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# MULTIBLOC® 3.ST8

ACCESSORIES

## Size 3, 630A, 690VAC, Design for Bottom Fitting, 3-,4-pole

1.002.490

### Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.490 | D1023112 | bus bar adapter size 3 with clamp terminal<br>for MULTIBLOC® 3.ST8 triple pole<br>for bus bar system 60 mm | 1 piece | 1.17 kg |
| 1.002.503 | E1023113 | bus bar adapter size 3 with clamp terminal<br>for MULTIBLOC® 3.ST8 triple pole<br>for bus bar system 100 mm | 1 piece | 1.28 kg |

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.852 | Q1002285 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

1.001.238

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.001.238 | C1002181 | clamp strap size 3 150–300 mm²,<br>1 set = 3 pieces | 1 set | 0.32 kg |
| 13SZAD6 | A1022971 | M12 terminal lugs<br>for M12 double terminal<br>for MULTIBLOC® size 2 and 3<br>1 set = 3 pieces | 1 set | 0.26 kg |

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# MULTIBLOC® 4a.ST8

PRODUCT RANGE

## Size 4a, 400VAC, 1250A, Design for Bottom Fitting, 1-, 3-pole

1.000.083

### MULTIBLOC® 4a.ST8 size 4a 1250A, 400VAC bottom fitting, single pole

| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|---|---|---|---|---|---|
| 1.000.083 | T1023080 | 1 | M16 terminal screws | 1 piece | 4.1 kg |

1.000.089

### MULTIBLOC® 4a.ST8 size 4a 1250A, 400VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.089 | V1023081 | 3 | M16 terminal screws | single pole switching | 1 piece | 12.5 kg |
| 1.000.090 | W1023082 | 3 | M16 terminal screws | triple pole switching | 1 piece | 12.5 kg |



# MULTIBLOC® 4a.ST8

## Size 4a, 690VAC, 1600A, 690VAC, Design for Bottom Fitting, 1-, 3-pole

1.000.084

### MULTIBLOC® 4a.ST8 size 4a 1600A, 690VAC bottom fitting, single pole

| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|---|---|---|---|---|---|
| 1.000.084 | X1023083 | 1 | 2xM12 terminal screws | 1 piece | 5 kg |

1.000.091

### MULTIBLOC® 4a.ST8 size 4a 1600A, 690VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|---|
| 1.000.091 | Y1023084 | 3 | 2xM12 terminal screws | single pole switching | 1 piece | 13.7 kg |
| 1.000.092 | Z1023085 | 3 | 2xM12 terminal screws | triple pole switching | 1 piece | 13.9 kg |

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# MULTIVERT® 160A/60mm

PRODUCT RANGE

## Size 00, 690VAC, Triple Pole Switching

1.000.909

### MULTIVERT® 160 A size 00 60 mm bus bar system 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.000.909 | E1002183 | 3 M8 terminal screws/3 clamp straps 4-70 mm² | bottom terminal with cover shroud MZ00KH | 1 piece | 1.45 kg |
| 1.002.489 | Z1023154 | 3 frame clamps Cu 2,5-70 mm² | bottom terminal with cover shroud MZ00KH | 1 piece | 1.3 kg |
| 1.003.140 | A1023155 | 3 M8 terminal screws/3 clamp straps 4-70 mm² | bottom terminal MULTIVERT® 1.000.909 with cabling of instrument leads | 1 piece | 1.5 kg |
| 1.003.307 | C1023157 | 3 M8 terminal screws/3 clamp straps 4-70 mm² | top terminal with cover shroud MZ00KH | 1 piece | 1.5 kg |
| 1.003.308 | D1023158 | 3 M8 terminal screws/3 clamp straps 4-70 mm² | top terminal MULTIVERT® 1.003.307 with cabling of instrument leads | 1 piece | 1.5 kg |
| 1.003.309 | E1023159 | 3 frame clamps Cu 2,5-70 mm² | top terminal with cover shroud MZ00KH | 1 piece | 1.3 kg |

## ACCESSORIES

MZ00KH

MZ00KA

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00KH | F1023298 | cover shroud length 106 mm for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000.915 | H1023300 | cover shroud for MULTIVERT®/BSL 160 A with V-terminal | 1 piece | 50 g |

MZAW

### Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00AAD | X214081 | 2 piece adjustment, with integrated area for labeling to adapt to MULTIVERT® for 185 mm bus bar system | 1 set | 0.1 kg |
| MZAW | D218687 | support angle for support of cover plate 1 set = 4 pieces | 1 set | 27 g |

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# MULTIVERT® 160A/60mm

## Size 00, 690VAC, Triple Pole Switching

ACCESSORIES

1.002.939

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.939 | Y1023452 | electronic fuse monitoring ESÜ size 00 for MULTIVERT® 160 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.66 kg |
| MZ00ESM | D228761 | Electronic System Monitor ESM size 00 for MULTIVERT® 160 A with cabling of instrument leads | 1 piece | 0.35 kg |
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

1.000.107

1.000.101

### Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.106 | R1023285 | size 00, 100 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.107 | S1023286 | size 00, 150 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.100 | K1023279 | size 00, 100 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |
| 1.000.101 | L1023280 | size 00, 150 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |

MZ00BT2

### Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00BT2 | K215611 | label holder size 00 | 1 piece | 10 g |

00SZS

00SZESK

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm² for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm² for switch gear size 00 1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp 50 -95 mm² round stranded for switch gear size 00 1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm² 1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZVK1 | D1023434 | V-terminal clamp size 00, 10–70 mm² round stranded, 10-95 mm² round solid, 35–95 mm² single stranded, 50–95 mm² single solid, M = 12 Nm | 30 | 0.4 kg |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |

1.003.433

00SZVK1

1.000.098

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# MULTIVERT® 160A

PRODUCT RANGE

## Size 00, 690VAC, Triple Pole Switching

1.000.900 1.000.903

1.000.905

### MULTIVERT® 160 A size 00 100 mm bus bar system 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.000.900 | F1002184 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 1.12 kg |
| 1.000.901 | X1023129 | 3 clamp straps Cu 4-70 mm² | with cover shroud MZ00KH | 1 piece | 1.12 kg |
| 1.000.902 | Z1023131 | 3 Al/Cu clamps 1,5-70 mm² | with cover shroud MZ00KH | 1 piece | 1.12 kg |
| 1.000.903 | A1023132 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 1.12 kg |
| 1.000.904 | B1023133 | 3 frame clamps Cu 2,5-70 mm² | with cover shroud MZ00KH | 1 piece | 1.1 kg |
| 1.000.905 | G1002185 | 3 M8 terminal screws | MULTIVERT® 1.000.900 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.000.906 | C1023134 | 3 clamp straps Cu 4-70 mm² | MULTIVERT® 1.000.901 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.000.907 | D1023135 | 3 Al/Cu clamps 1,5-70 mm² | MULTIVERT® 1.000.902 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.000.908 | E1023136 | with V-terminal for V-terminal clamps size 00 | MULTIVERT® 1.000.903 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.002.437 | Y1023130 | 3 frame clamps Cu 2,5-70 mm² | MULTIVERT® 1.000.904 with cabling of instrument leads | 1 piece | 1.18 kg |

1.001.339

### MULTIVERT® 160 A size 00 185 mm bus bar system 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.001.339 | Y1023153 | 3 M8 terminal screws | including adjustment cover art.no. MZ00AAD and adapter 1.001.298 | 1 piece | 1.8 kg |

ACCESSORIES

MZ00KH

MZ00KA

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00KH | F1023298 | cover shroud length 106 mm for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000.915 | H1023300 | cover shroud for MULTIVERT®/BSL 160 A with V-terminal | 1 piece | 50 g |

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# MULTIVERT® 160A

## Size 00, 690VAC, Triple Pole Switching

ACCESSORIES

MZAW

### Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00AAD | X214081 | 2 piece adjustment, with integrated area for labeling to adapt to MULTIVERT® for 185 mm bus bar system | 1 set | 0.1 kg |
| MZAW | D218687 | support angle for support of cover plate<br>1 set = 4 pieces | 1 set | 27 g |

MZ00LPAP

MZ01LPAP

1.002.493

### Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ00LPAP | B1023409 | spare way cover without level adjustment<br>width 50 mm, length 320 mm<br>for single adapter MZ00ESA and double adapter MZ00DSA<br>including fixing material | bus bar system<br>100 mm | 1 piece | 50 g |
| MZ01LPAP | C1023410 | spare way cover without level adjustment<br>width 50 mm, length 500 mm<br>including fixing material | bus bar system<br>185 mm | 1 piece | 60 g |
| 1.002.493 | N1002283 | spare way cover<br>width 50 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system<br>185 mm | 1 piece | 0.14 kg |
| 1.002.830 | E1023412 | spare way cover<br>width 50 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation,<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system<br>185 mm | 1 set | 0.20 kg |

1.002.830

00SZRK3

1.002.646

### Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZRK3 | K215105 | hooked clamp size 00, M = 5 Nm<br>1 set = 3 pieces | 1 set | 0.10 kg |
| 1.002.646 | W1023450 | M10 insert nut, size 00<br>1 set = 30 pieces | 1 set | 0.12 kg |

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# MULTIVERT® 160A

## Size 00, 690VAC, Triple Pole Switching

ACCESSORIES

1.001.289 1.001.298

### Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| 1.001.289 | C1023295 | single adapter 100/185 mm<br>with increased touch protection<br>to obtain uniform profile in height<br>for combined installation with<br>MULTIVERT 250 A, 400 A, 630 A | MULTIVERT®<br>160 A/100 mm<br>1x3-pole | 1 piece | 0.56 kg |
| 1.001.298 | Y1023291 | double adapter 100/185 mm<br>with increased touch protection<br>to obtain uniform profile in height<br>for combined installation with<br>MULTIVERT 250 A, 400 A, 630 A | MULTIVERT®<br>160 A/100 mm<br>1x3-pole | 1 piece | 0.8 kg |

MZ00DSA MZ00ESA MZ00ESAE-CO

### Adapter für installation on to bus bars with screw terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ00DSA | C217145 | double adapter 100/185 mm<br>with increased touch protection<br>to obtain uniform profile in height<br>for combined installation with<br>MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT®<br>160 A/100 mm<br>1x3-pole | 1 piece | 0.71 kg |
| MZ00ESA | Q216628 | single adapter 100/185 mm<br>with increased touch protection<br>to obtain uniform profile in height<br>for combined installation with<br>MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT®<br>160 A/100 mm<br>1x3-pole | 1 piece | 0.51 kg |
| MZ00ESAECO | D1023296 | Single adapter 100/185 mm<br>to obtain uniform profile in height<br>for combined installation with<br>MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT®<br>160 A/100 mm<br>1x3-pole | 1 piece | 0.19 kg |

1.002.939

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.939 | Y1023452 | electronic fuse monitoring ESÜ size 00 for MULTIVERT® 160 A<br>with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.66 kg |
| MZ00ESM | D228761 | Electronic System Monitor ESM size 00<br>for MULTIVERT® 160 A with cabling of instrument leads | 1 piece | 0.35 kg |
| 1.000.852 | Q1002285 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

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# MULTIVERT® 160A

## Size 00, 690VAC, Triple Pole Switching

1.000.107 1.000.101

### Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.106 | R1023285 | size 00, 100 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.107 | S1023286 | size 00, 150 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.100 | K1023279 | size 00, 100 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |
| 1.000.101 | L1023280 | size 00, 150 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |

1.000.119 + 1.000.123 1.000.120 + 1.000.124

### Current transformers in combination with adaper

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.121 | F1024609 | current transformer for adapter<br>for single pole measurement up to 100/5A, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.51 kg |
| 1.000.123 | H1024611 | current transformer for adapter<br>for single pole measurement up to 150/5A, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.52 kg |
| 1.000.122 | G1024610 | current transformer for adapter<br>for triple pole measurement up to 100/5A, class 1<br>set = 3 pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.78 kg |
| 1.000.124 | J1024612 | current transformer for adapter<br>for triple pole measurement up to 150/5A, class 1<br>set = 3 pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.81 kg |
| 1.000.125 | V1024599 | distance tube for adapter for level adjustment<br>supplementary set for neighbouring MULTIVERT® without measurement<br>to obtain uniform profile in height<br>1 set = 3 pieces | 1 set | 0.37 kg |
| 1.000.117 | R1023446 | single adapter 100/185 mm for circuit transformer | 1 piece | 0.34 kg |
| 1.000.119 | A1023293 | double adapter 100/185 mm for circuit transformer | 1 piece | 0.58 kg |
| 1.000.120 | B1023294 | double adapter 185/185 mm for circuit transformer | 1 piece | 0.56 kg |



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# MULTIVERT® 160A

## Size 00, 690VAC, Triple Pole Switching

MZ003SW100

SZ1SW150

MZ00PR150

### Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ001SW100 | C1024606 | current transformer up to 100 A for single pole measurement between bus bar and MULTIVERT®<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ001SW150 | E1024608 | current transformer up to 150 A for single pole measurement between bus bar and MULTIVERT®<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer,<br>2 pieces additionally packed | 1 set | 0.55 kg |
| MZ003SW100 | B1024605 | current transformer up to 100/5A for triple pole measurement between bus bar and MULTIVERT®, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.84 kg |
| MZ003SW150 | D1024607 | current transformer up to 150/5A for triple pole measurement between bus bar and MULTIVERT®, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.85 kg |
| SZ1SW100 | H1024565 | current transformer up to 100/5A for single pole measurement between bus bars, class 1<br>(incoming and outgoing bar) | 1 piece | 0.32 kg |
| SZ1SW150 | J1024566 | current transformer up to 150/5A for single pole measurement between bus bars, class 1<br>(incoming and outgoing bar) | 1 piece | 0.33 kg |
| MZ00PR150 | R1024596 | distance tube for level adjustment, up to 150/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height<br>1 set = 3 pieces | 1 set | 0.4 kg |

MZ00BT2

### Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00BT2 | K215611 | label holder size 00 | 1 piece | 10 g |

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# MULTIVERT® 160A

## Size 00, 690VAC, Triple Pole Switching

00SZS

00SZESK

1.003.433

00SZVK1

1.000.098

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZS | M229298 | M8 terminal screw<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp<br>50 -95 mm² round stranded<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm²<br>1 set = 3 pieces | 1 set | 140 g |
| 00SZVK1 | D1023434 | V-terminal clamp size 00,<br>10–70 mm² round stranded, 10-95 mm² round solid,<br>35–95 mm² single stranded, 50–95 mm² single solid,<br>M = 12 Nm | 30 | 400 g |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |



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# MULTIVERT® 160A/185mm

PRODUCT RANGE

## Size 00, 690VAC, single pole switching

M01N0G 1.001.725

### MULTIVERT® 160 A size 00 185 mm 3 x single pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| M01N0G | Y228756 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 1.9 kg |
| M01S0G | X1023152 | 3 clamp straps Cu 4-70 mm² | with cover shroud MZ00KH | 1 piece | 1.9 kg |
| M01A0G | Q1023146 | 3 Al/Cu clamps 1,5-70 mm² | with cover shroud MZ00KH | 1 piece | 1.9 kg |
| 1.000.910 | G1023138 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 1.9 kg |
| 1.001.725 | M1023143 | V-terminal with 3 V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 1.1 kg |
| M01N0E11G | R1023147 | 3 M8 terminal screws | MULTIVERT® M01N0G with cabling of instrument leads | 1 piece | 2.25 kg |
| M01S0E11G | W1023151 | 3 clamp straps Cu 4-70 mm² | MULTIVERT® M01S0G with cabling of instrument leads | 1 piece | 2.25 kg |
| M01A0E11G | P1023145 | 3 Al/Cu clamps 1,5-70 mm² | MULTIVERT® M01A0G with cabling of instrument leads | 1 piece | 2.25 kg |
| 1.000.911 | L1023142 | with V-terminal for V-terminal clamps size 00 | MULTIVERT® 1.000.910 with cabling of instrument leads | 1 piece | 2.25 kg |

M01N0E11G

1.002.939

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# MULTIVERT® 160A/185mm

## Size 00, 690VAC, single pole switching

ACCESSORIES

MZ00KH

MZ00KA

MZ00KAD

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00KH | F1023298 | cover shroud length 106 mm<br>for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000.915 | H1023300 | cover shroud for MULTIVERT®/BSL 160 A with V-terminal | 1 piece | 50 g |
| MZ00KAD | G1023299 | cover shroud length 156 mm<br>for MULTIVERT®/BSL 160 A | 1 piece | 60 g |

MZ01AS

MZAW

### Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ01AS | F228763 | adjustment to adapt to MULTIVERT® 250 A, 400 A, 630 A (top terminal) | 1 piece | 10 g |
| MZAW | D218687 | support angle for support of cover plate<br>1 set = 4 pieces | 1 set | 27 g |

MZ01LPAP 1.002.493 1.002.830

### Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ01LPAP | C1023410 | spare way cover without level adjustment<br>width 50 mm, length 500 mm<br>including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| 1.002.493 | N1002283 | spare way cover<br>width 50 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 140 g |
| 1.002.830 | E1023412 | spare way cover<br>width 50 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation,<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 200 g |

00SZRK3

1.002.646

### Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZRK3 | K215105 | hooked clamp size 00, M = 5 Nm<br>1 set = 3 pieces | 1 set | 100 g |
| 1.002.646 | W1023450 | M10 insert nut, size 00<br>1 set = 30 pieces | 1 set | 120 g |



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# MULTIVERT® 160A/185mm

## Size 00, 690VAC, single pole switching

ACCESSORIES

1.001.300

### Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| 1.001.300 | Z1023292 | double adapter 185/185 mm<br>with increased touch protection<br>to obtain uniform profile in height<br>for combined installation with<br>MULTIVERT 250 A, 400 A, 630 A | MULTIVERT®<br>160 A/185 mm<br>3x1-pole | 1 piece | 0.75 kg |

MZ01DSA MZ01ESA

### Adapter für installation on to bus bars with screw terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ01DSA | G228764 | double adapter 185/185 mm<br>with increased touch protection<br>to obtain uniform profile in height<br>for combined installation with<br>MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT®<br>160 A/185 mm<br>1x3-pole | 1 piece | 0.7 kg |
| MZ01ESA | H228765 | single adapter 185/185 mm<br>(for installation of MULTIVERT®/BSL<br>with screws M8)<br>to obtain uniform profile in height<br>for combined installation with<br>MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT®<br>160 A/185 mm<br>1x3-pole | 1 piece | 0.39 kg |

1.002.939

3 x MZHD

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.939 | Y1023452 | electronic fuse monitoring ESÜ size 00 for MULTIVERT® 160 A<br>with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.66 kg |
| MZ00ESM | D228761 | Electronic System Monitor ESM size 00<br>for MULTIVERT® 160 A with cabling of instrument leads | 1 piece | 0.35 kg |
| MZHD | M1023442 | indicator for switch door position<br>1 “a” contact/ 1 “b” contact, 5 A, 250 V<br>for MULTIVERT® 160 A/bus bar system 185 mm<br>3 x single pole switching | 1 piece | 0.01 kg |

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# MULTIVERT® 160A/185mm

## Size 00, 690VAC, single pole switching

1.000.107 1.000.101

### Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.106 | R1023285 | size 00, 100 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.107 | S1023286 | size 00, 150 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.100 | K1023279 | size 00, 100 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |
| 1.000.101 | L1023280 | size 00, 150 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |

1.000.119 + 1.000.123 1.000.120 + 1.000.124

### Current transformers in combination with adaper

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.121 | F1024609 | current transformer for adapter<br>for single pole measurement up to 100/5A, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.51 kg |
| 1.000.123 | H1024611 | current transformer for adapter<br>for single pole measurement up to 150/5A, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.52 kg |
| 1.000.122 | G1024610 | current transformer for adapter<br>for triple pole measurement up to 100/5A, class 1<br>set = 3 pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.78 kg |
| 1.000.124 | J1024612 | current transformer for adapter<br>for triple pole measurement up to 150/5A, class 1<br>set = 3 pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.81 kg |
| 1.000.125 | V1024599 | distance tube for adapter for level adjustment<br>supplementary set for neighbouring MULTIVERT® without measurement<br>to obtain uniform profile in height<br>1 set = 3 pieces | 1 set | 0.37 kg |
| 1.000.117 | R1023446 | single adapter 100/185 mm for circuit transformer | 1 piece | 0.34 kg |
| 1.000.119 | A1023293 | double adapter 100/185 mm for circuit transformer | 1 piece | 0.58 kg |
| 1.000.120 | B1023294 | double adapter 185/185 mm for circuit transformer | 1 piece | 0.56 kg |



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# MULTIVERT® 160A/185mm

## Size 00, 690VAC, single pole switching

MZ003SW100

SZ1SW150

MZ00PR150

### Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ001SW100 | C1024606 | current transformer up to 100 A for single pole measurement between bus bar and MULTIVERT®<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ001SW150 | E1024608 | current transformer up to 150 A for single pole measurement between bus bar and MULTIVERT®<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer,<br>2 pieces additionally packed | 1 set | 0.55 kg |
| MZ003SW100 | B1024605 | current transformer up to 100/5A for triple pole measurement between bus bar and MULTIVERT®, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.84 kg |
| MZ003SW150 | D1024607 | current transformer up to 150/5A for triple pole measurement between bus bar and MULTIVERT®, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.85 kg |
| SZ1SW100 | H1024565 | current transformer up to 100/5A for single pole measurement between bus bars, class 1<br>(incoming and outgoing bar) | 1 piece | 0.32 kg |
| SZ1SW150 | J1024566 | current transformer up to 150/5A for single pole measurement between bus bars, class 1<br>(incoming and outgoing bar) | 1 piece | 0.33 kg |
| MZ00PR150 | R1024596 | distance tube for level adjustment, up to 150/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height<br>1 set = 3 pieces | 1 set | 0.4 kg |

MZ00BT2

### Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ00BT2 | K215611 | label holder size 00 | 1 piece | 10 g |

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## MULTIVERT® 160A/185mm

ACCESSORIES

### Size 00, 690VAC, single pole switching

00SZS

00SZESK

1.003.433

00SZVK1

1.000.098

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 00SZS | M229298 | M8 terminal screw<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm²<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp<br>50 -95 mm² round stranded<br>for switch gear size 00<br>1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm²<br>1 set = 3 pieces | 1 set | 140 g |
| 00SZVK1 | D1023434 | V-terminal clamp size 00,<br>10–70 mm² round stranded, 10-95 mm² round solid,<br>35–95 mm² single stranded, 50–95 mm² single solid,<br>M = 12 Nm | 30 | 400 g |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |

## MULTIVERT® 250A

PRODUCT RANGE

### Size 1, 690VAC

1.100.000

### MULTIVERT® 250 A size 1 185 mm 3 x single pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.100.000 | H1002186 | 3 M10 bolts | - | 1 piece | 4.52 kg |
| 1.110.000 | J1023163 | 3 M10 insert nuts | - | 1 piece | 4.46 kg |
| 1.120.000 | K1023164 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 4.38 kg |
| 1.120.900 | Q1023169 | V-terminal,<br>2 terminals per phase<br>for V-terminal clamps size 1,2,3 | - | 1 piece | 5.5 kg |
| 1.100.083 | N1023167 | 3 M10 bolts | MULTIVERT® 1.100.000 with integrated C.T. 250/5A, 3,75 VA, class 1<br>for single pole measurement (ready fitted in pole 1) | 1 piece | 4.6 kg |
| 1.100.062 | L1023165 | 3 M10 bolts | MULTIVERT® 1.100.000 with integrated C.T. 250/5A, 3,75 VA, class 0,5; calibrated,<br>for single pole measurement (ready fitted in pole 1) | 1 piece | 4.6 kg |
| 1.100.093 | P1023168 | 3 M10 bolts | MULTIVERT® 1.100.000 with integrated C.T. 250/5A, 3,50 VA, class 1 for triple pole measurement | 1 piece | 5.3 kg |
| 1.100.072 | M1023166 | 3 M10 bolts | MULTIVERT® 1.100.000 with integrated C.T. 250/5A, 3,50 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.6 kg |



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# MULTIVERT® 250A

## Size 1, 690VAC

PRODUCT RANGE

1.150.000 1.170.000

### MULTIVERT® 250 A size 1 185 mm 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.150.000 | L1002189 | 3 M10 bolts | - | 1 piece | 4.67 kg |
| 1.160.000 | S1023171 | 3 M10 insert nuts | - | 1 piece | 4.63 kg |
| 1.170.000 | H1023185 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 4.55 kg |
| 1.170.600 | K1023187 | V-terminal with 3 terminal clamps size 1,2,3 | - | 1 piece | 4.6 kg |
| 1.170.900 | M1023189 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 5.8 kg |
| 1.150.100 | P1002192 | 3 M10 bolts | MULTIVERT® 1.150.000 with cabling of instrument leads for indication facilities | 1 piece | 5.1 kg |
| 1.150.083 | R1023193 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 250/5A, 3,75 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 4.8 kg |
| 1.150.062 | N1023190 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 250/5A, 3,75 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 4.8 kg |
| 1.150.091 | S1023194 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 100/5A, 2,00 VA, class 1 for triple pole measurement | 1 piece | 5.4 kg |
| 1.150.093 | T1023195 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 250/5A, 3,50 VA, class 1 for triple pole measurement | 1 piece | 5.4 kg |
| 1.150.072 | P1023191 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 250/5A, 3,50 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.8 kg |

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# MULTIVERT® 250A

## Size 1, 690VAC

1.002.095



1.002.458

MZKAB

MZKHO

MZKAB1

MZVHB

MZKHV

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| 1.002.095 | J1002279 | cover shroud for extended cover<br>length 70 mm | bottom terminal | 1 piece | 0.12 kg |
| 1.002.458 | N1023305 | cover shroud for multiple termination<br>length 205,5mm | bottom terminal | 1 piece | 0.16 kg |
| MZKAB | J1023301 | cover shroud for clamp terminal connection in feeder pillars<br>length 138,5 mm | top terminal | 1 piece | 0.10 kg |
| MZKHO | G217655 | cover shroud for cable terminal connections with cable lugs on switchboards with central cover<br>length 190 mm | top terminal | 1 piece | 0.13 kg |
| MZKAB1 | K1023302 | cover shroud for special (high) clamp terminal connection in feeder pillars<br>length 138,5 mm | top terminal | 1 piece | 0.12 kg |
| MZVHB | L1023303 | extended cover shroud<br>length 257 mm | top terminal | 1 piece | 0.23 kg |
| MZKHV | A1002202 | cover shroud for installation in distribution units with central cover (height of supporting edge reduced by 16 mm)<br>length 145 mm | top terminal | 1 piece | 0.09 kg |

1.001.510

MZAW

### Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.001.510 | K1002280 | cover shield to support central cover<br>1 set = 2 pieces | 1 set | 0.15 kg |
| MZAW | D218687 | support angle for support of cover plate<br>1 set = 4 pieces | 1 set | 0.03 kg |



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# MULTIVERT® 250A

## Size 1, 690VAC

ACCESSORIES

MZ01LPAP MZLPAP 1.002.493

1.002.492 1.002.830 1.002.829

1.002.647 1.000.192

### Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ01LPAP | C1023410 | spare way cover without level adjustment<br>width 50 mm, length 500 mm<br>including fixing material | bus bar system 185 mm | 1 piece | 0.06 kg |
| MZLPAP | D1023411 | spare way cover<br>width 100 mm, length 612 mm<br>including 2 pieces M12 fixing screws<br>(distance of fixing holes 185 mm) | bus bar system 185 mm | 1 piece | 0.12 kg |
| 1.002.493 | N1002283 | spare way cover<br>width 50 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.492 | M1002282 | spare way cover<br>width 100 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.20 kg |
| 1.002.830 | E1023412 | spare way cover<br>width 50 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation,<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |
| 1.002.829 | F1023413 | spare way cover<br>width 100 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.27 kg |

### Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.647 | S1023447 | M10 insert nut, size 1<br>1 set = 30 pieces | 1 set | 0.19 kg |
| 1.000.192 | P1002284 | hooked clamp size 1, 2, 3, M = 15–20 Nm<br>hexagon socket connection (inbus)<br>for MULTIVERT®/BSL with top or bottom terminal<br>1 set = 3 pieces | 1 set | 0.47 kg |

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# MULTIVERT® 250A
## Size 1, 690VAC

ACCESSORIES

1.002.940

1.000.829

1.000.852

1.000.102

MZPR600

MZBT

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.940 | Z1023453 | electronic fuse monitoring ESÜ size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.85 kg |
| MZESM | J228766 | Electronic System Monitor ESM size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.10 kg |
| 1.000.829 | L1023418 | electro-mechanical fuse monitoring (galvanic isolation) MZS size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.31 kg |
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

### Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.102 | M1023281 | size 1, 2, 3, 250 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.108 | T1023287 | size 1, 2, 3, 250 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |

### Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ1SW250 | K1024567 | current transformer up to 250/5A for single pole measurement, class 1 set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.88 kg |
| MZ3SW250 | M1024569 | current transformer up to 250/5A for triple pole measurement, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.38 kg |
| SZ1SW250 | L1024568 | current transformer up to 250/5A, class 1, for single pole measurement | 1 piece | 0.43 kg |
| MZPR600 | S1024597 | distance tube for level adjustment, up to 600/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height 1 set = 3 pieces | 1 set | 0.62 kg |

### Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |



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# MULTIVERT® 250A
## Size 1, 690VAC

1.002.909

1.002.910

22SZVK42 1.000.099

1.003.286

1.001.667

1.003.377

1.002.255

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.909 | K1024613 | V-terminal clamp size 1,2,3,<br>95-240 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 3 pieces | 1 set | 0.24 kg |
| 1.002.910 | L1024614 | V-terminal clamp size 1,2,3,<br>95-300 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 3 pieces | 1 set | 0.26 kg |
| 22SZVK42 | Q1024618 | V-terminal clamp size 1,2,3 for 2 conductors<br>50–240 mm²single solid, 50-185 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid<br>M = 23–27 Nm | 1 piece | 0.17 kg |
| 1.000.099 | E1023436 | insulation cap for V-terminal clamp size 1,2,3 | 1 piece | 0.01 kg |
| 1.003.286 | Q1024595 | supplementaty set for V-terminal size 1,2,3<br>set = 3 pieces V-clamps, cover shroud and labels for size 1, 2 and 3 | 1 set | 0.23 kg |
| 1.001.667 | F1023275 | adapter for double terminal L3 | 1 piece | 0.25 kg |
| 1.003.377 | Y1024579 | supplementary set for multiple termination, top terminal<br>2 cable lugs Cu/Al:<br>up to max. 300 mm² round stranded, sectoral stranded,<br>3 cable lugs Cu:<br>up to max. 150 mm² round stranded, sectoral stranded,<br>M = 32-38 Nm | 1 set | 1.74 kg |
| 1.002.255 | B1024582 | supplementary set for multiple termination, bottom terminal<br>2 cable lugs Cu/Al:<br>up to max. 300 mm² round stranded, sectoral stranded,<br>3 cable lugs Cu:<br>up to max. 150 mm² round stranded, sectoral stranded,<br>M = 32-38 Nm | 1 set | 1.68 kg |

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# MULTIVERT® 400A

## Size 2, 690VAC

1.200.000 1.220.000

### MULTIVERT® 400 A size 2 185 mm 3 x single pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.200.000 | J1002187 | 3 M12 bolts | - | 1 piece | 4.6 kg |
| 1.210.000 | Z1023200 | 3 M12 insert nuts | - | 1 piece | 4.52 kg |
| 1.220.000 | A1023201 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 4.38 kg |
| 1.220.900 | B1023202 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 5.45 kg |
| 1.200.100 | Y1023199 | 3 M12 bolts | MULTIVERT® 1.200.000 with cabling of instrument leads for indication facilities | 1 piece | 5.1 kg |
| 1.200.084 | E1023205 | 3 M12 bolts | MULTIVERT® 1.200.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 4.7 kg |
| 1.200.064 | C1023203 | 3 M12 bolts | MULTIVERT® 1.200.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 4.7 kg |
| 1.200.094 | F1023206 | 3 M12 bolts | MULTIVERT® 1.200.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for triple pole measurement | 1 piece | 5.4 kg |
| 1.200.074 | D1023204 | 3 M12 bolts | MULTIVERT® 1.200.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.7 kg |
| 1.230.000 | T1023218 | M12 bus bar terminal | MULTIVERT® with lateral bus bar terminals<br>bus bar coupler switch<br>cable terminal connection to right or left side possible | 1 piece | 4.46 kg |



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# MULTIVERT® 400A

## Size 2, 690VAC

PRODUCT RANGE

1.250.000 1.270.000

1.270.094
rear

### MULTIVERT® 400 A size 2 185 mm 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.250.000 | M1002190 | 3 M12 bolts | - | 1 piece | 4.76 kg |
| 1.260.000 | G1023207 | 3 M12 insert nuts | - | 1 piece | 4.68 kg |
| 1.270.000 | H1023208 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 4.78 kg |
| 1.270.600 | K1023210 | V-terminal + 3 V-terminal clamps size 1,2,3 | - | 1 piece | 4.7 kg |
| 1.270.900 | L1023211 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 6.08 kg |
| 1.250.100 | X1002199 | 3 M12 bolts | MULTIVERT® 1.250.000 with cabling of instrument leads for indication facilities | 1 piece | 5.2 kg |
| 1.270.100 | J1023209 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.270.000 with cabling of instrument leads for indication facilities | 1 piece | 5.1 kg |
| 1.250.084 | P1023214 | 3 M12 bolts | MULTIVERT® 1.250.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 4.9 kg |
| 1.250.064 | M1023212 | 3 M12 bolts | MULTIVERT® 1.250.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 4.9 kg |
| 1.250.094 | Q1023215 | 3 M12 bolts | MULTIVERT® 1.250.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for triple pole measurement | 1 piece | 5.6 kg |
| 1.250.074 | N1023213 | 3 M12 bolts | MULTIVERT® 1.250.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.9 kg |
| 1.270.094 | S1023217 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.270.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for triple pole measurement | 1 piece | 5.41 kg |
| 1.270.074 | R1023216 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.270.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.9 kg |
| 1.280.000 | V1023219 | M12 bus bar terminal | MULTIVERT® with lateral bus bar terminals bus bar coupler switch cable terminal connection to right or left side possible | 1 piece | 4.53 kg |

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# MULTIVERT® 400A
## Size 2, 690VAC

ACCESSORIES

1.002.095


1.002.458

MZKAB

MZKHO

MZKAB1

MZVHB

MZKHV

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| 1.002.095 | J1002279 | cover shroud for extended cover<br>length 70 mm | bottom terminal | 1 piece | 0.12 kg |
| 1.002.458 | N1023305 | cover shroud for multiple termination<br>length 205,5mm | bottom terminal | 1 piece | 0.16 kg |
| MZKAB | J1023301 | cover shroud for clamp terminal connection in feeder pillars<br>length 138,5 mm | top terminal | 1 piece | 0.10 kg |
| MZKHO | G217655 | cover shroud for cable terminal connections with cable lugs on switchboards with central cover<br>length 190 mm | top terminal | 1 piece | 0.13 kg |
| MZKAB1 | K1023302 | cover shroud for special (high) clamp terminal connection in feeder pillars<br>length 138,5 mm | top terminal | 1 piece | 0.12 kg |
| MZVHB | L1023303 | extended cover shroud<br>length 257 mm | top terminal | 1 piece | 0.23 kg |
| MZKHV | A1002202 | cover shroud for installation in distribution units with central cover (height of supporting edge reduced by 16 mm)<br>length 145 mm | top terminal | 1 piece | 0.09 kg |

1.001.510

MZAW

### Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.001.510 | K1002280 | cover shield to support central cover<br>1 set = 2 pieces | 1 set | 0.15 kg |
| MZAW | D218687 | support angle for support of cover plate<br>1 set = 4 pieces | 1 set | 0.03 kg |

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# MULTIVERT® 400A
## Size 2, 690VAC

MZ01LPAP MZLPAP 1.002.493

1.002.492 1.002.830 1.002.829

### Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ01LPAP | C1023410 | spare way cover without level adjustment<br>width 50 mm, length 500 mm<br>including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| MZLPAP | D1023411 | spare way cover<br>width 100 mm, length 612 mm<br>including 2 pieces M12 fixing screws<br>(distance of fixing holes 185 mm) | bus bar system 185 mm | 1 piece | 0.56 kg |
| 1.002.493 | N1002283 | spare way cover<br>width 50 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.492 | M1002282 | spare way cover<br>width 100 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.20 kg |
| 1.002.830 | E1023412 | spare way cover<br>width 50 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation,<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |
| 1.002.829 | F1023413 | spare way cover<br>width 100 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.27 kg |

1.002.648 1.000.192

### Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.648 | T1023448 | M12 insert nut, size 2 and 3<br>1 set = 30 pieces | 1 set | 0.28 kg |
| 1.000.192 | P1002284 | hooked clamp size 1, 2, 3, M = 15–20 Nm<br>hexagon socket connection (inbus)<br>for MULTIVERT®/BSL with top or bottom terminal<br>1 set = 3 pieces | 1 set | 0.47 kg |

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# MULTIVERT® 400A

## Size 2, 690VAC

1.002.940

MZESM

1.000.829

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.940 | Z1023453 | electronic fuse monitoring ESÜ size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.85 kg |
| MZESM | J228766 | Electronic System Monitor ESM size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.10 kg |
| 1.000.829 | L1023418 | electro-mechanical fuse monitoring (galvanic isolation) MZS size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.31 kg |
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

1.000.102

1.000.103

1.000.109

### Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.102 | M1023281 | size 1, 2, 3, 250 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.103 | N1023282 | size 2, 3, 400 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.108 | T1023287 | size 1, 2, 3, 250 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |
| 1.000.109 | V1023288 | size 2, 3, 400 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |

1.002.294

1.002.295

### Amperemeter for direct frontal installation

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.294 | G1023276 | size 2/3, 400 / 200 / 5A, with drag indicator, for NH-measuring fuse link, single pole measurement | 1 piece | 0.14 kg |
| 1.002.295 | H1023277 | size 2/3, 600 / 300 / 5A, with drag indicator, for NH-measuring fuse link, single pole measurement | 1 piece | 0.14 kg |



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# MULTIVERT® 400A
## Size 2, 690VAC

ACCESSORIES

MZ3SW400

MZPR600

### Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ1SW250 | K1024567 | current transformer up to 250/5A for single pole measurement, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.88 kg |
| MZ1SW400 | N1024570 | current transformer up to 400/5A for single pole measurement, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.89 kg |
| MZ3SW250 | M1024569 | current transformer up to 250/5A for triple pole measurement, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.38 kg |
| MZ3SW400 | Q1024572 | current transformer up to 400/5A for triple pole measurement, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.43 kg |
| SZ1SW250 | L1024568 | current transformer up to 250/5A, class 1, for single pole measurement | 1 piece | 0.43 kg |
| SZ1SW400 | P1024571 | current transformer up to 400/5A, class 1, for single pole measurement | 1 piece | 0.46 kg |
| MZPR600 | S1024597 | distance tube for level adjustment, up to 600/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height<br>1 set = 3 pieces | 1 set | 0.62 kg |

MZBT

### Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |

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# MULTIVERT® 400A
## Size 2, 690VAC

1.002.909

1.002.910

22SZVK42 1.000.099

1.003.286

1.001.667



1.003.377

1.002.255

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.909 | K1024613 | V-terminal clamp size 1,2,3,<br>95-240 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 3 pieces | 1 set | 0.24 kg |
| 1.002.910 | L1024614 | V-terminal clamp size 1,2,3,<br>95-300 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 3 pieces | 1 set | 0.26 kg |
| 22SZVK42 | Q1024618 | V-terminal clamp size 1,2,3 for 2 conductors<br>50–240 mm²single solid, 50-185 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid<br>M = 23–27 Nm | 1 piece | 6.8 g |
| 1.000.099 | E1023436 | insulation cap for V-terminal clamp size 1,2,3 | 1 piece | 0.1 g |
| 1.003.286 | Q1024595 | supplementaty set for V-terminal size 1,2,3<br>set = 3 pieces V-clamps, cover shroud and labels for size 1, 2 and 3 | 1 set | 0.23 kg |
| 1.001.667 | F1023275 | adapter for double terminal L3 | 1 piece | 0.25 kg |
| 1.003.377 | Y1024579 | supplementary set for multiple termination, top terminal<br>2 cable lugs Cu/Al:<br>up to max. 300 mm² round stranded, sectoral stranded,<br>3 cable lugs Cu:<br>up to max. 150 mm² round stranded, sectoral stranded,<br>M = 32-38 Nm | 1 set | 1.74 kg |
| 1.002.255 | B1024582 | supplementary set for multiple termination, bottom terminal<br>2 cable lugs Cu/Al:<br>up to max. 300 mm² round stranded, sectoral stranded,<br>3 cable lugs Cu:<br>up to max. 150 mm² round stranded, sectoral stranded,<br>M = 32-38 Nm | 1 set | 1.68 kg |



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# MULTIVERT® 630A

## Size 3, 690VAC

PRODUCT RANGE

1.300.000 1.320.000

### MULTIVERT® 630 A size 3 185mm 3 x single pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.300.000 | K1002188 | 3 M12 bolts | - | 1 piece | 5.43 kg |
| 1.310.000 | W1023220 | 3 M12 insert nuts | - | 1 piece | 5.38 kg |
| 1.320.000 | X1023221 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 5.21 kg |
| 1.320.900 | Y1023222 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 6.89 kg |
| 1.300.100 | W1027153 | 3 M12 bolts | MULTIVERT® 1.200.000 with cabling of instrument leads for indication facilities | 1 piece | 5.1 kg |
| 1.300.085 | A1023247 | 3 M12 bolts | MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 5.6 kg |
| 1.300.066 | Z1023223 | 3 M12 bolts | MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 5.6 kg |
| 1.300.095 | B1023248 | 3 M12 bolts | MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for triple pole measurement | 1 piece | 6.3 kg |
| 1.300.076 | Z1023246 | 3 M12 bolts | MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 5.6 kg |
| 1.330.000 | Q1023261 | M12 bus bar terminal | MULTIVERT® with lateral bus bar terminals bus bar coupler switch cable terminal connection to right or left side possible | 1 piece | 6.1 kg |

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# MULTIVERT® 630A

## Size 3, 690VAC

PRODUCT RANGE

1.350.000 1.370.000

### MULTIVERT® 630 A size 3 185 mm 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.350.000 | N1002191 | 3 M12 bolts | - | 1 piece | 5.59 kg |
| 1.360.000 | C1023249 | 3 M12 insert nuts | - | 1 piece | 5.52 kg |
| 1.370.000 | D1023250 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 5.39 kg |
| 1.370.900 | F1023252 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 7.05 kg |
| 1.370.600 | E1023251 | V-terminal + 3 V-terminal clamps | - | 1 piece | 5.63 kg |
| 1.350.100 | Y1002200 | 3 M12 bolts | MULTIVERT® 1.350.000 with cabling of instrument leads for indication facilities | 1 piece | 6.1 kg |
| 1.370.100 | G1023253 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.370.000 with cabling of instrument leads for indication facilities | 1 piece | 5.9 kg |
| 1.350.085 | K1023256 | 3 M12 bolts | MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 5.8 kg |
| 1.350.066 | H1023254 | 3 M12 bolts | MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 5.8 kg |
| 1.350.095 | L1023257 | 3 M12 bolts | MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for triple pole measurement | 1 piece | 6.5 kg |
| 1.350.076 | J1023255 | 3 M12 bolts | MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 5.8 kg |
| 1.370.095 | P1023260 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.370.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for triple pole measurement | 1 piece | 6 kg |
| 1.370.076 | M1023258 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.370.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 5.9 kg |
| 1.380.000 | R1023262 | M12 bus bar terminal | MULTIVERT® with lateral bus bar terminals bus bar coupler switch cable terminal connection to right or left side possible | 1 piece | 4.77 kg |



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# MULTIVERT® 630A
## Size 3, 690VAC

1.002.095


1.002.458

MZKAB

MZKHO

MZKAB1

MZVHB

MZKHV

## Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| 1.002.095 | J1002279 | cover shroud for extended cover<br>length 70 mm | bottom terminal | 1 piece | 0.12 kg |
| 1.002.458 | N1023305 | cover shroud for multiple termination<br>length 205,5mm | bottom terminal | 1 piece | 0.16 kg |
| MZKAB | J1023301 | cover shroud for clamp terminal connection in feeder pillars<br>length 138,5 mm | top terminal | 1 piece | 0.10 kg |
| MZKHO | G217655 | cover shroud for cable terminal connections with cable lugs on switchboards with central cover<br>length 190 mm | top terminal | 1 piece | 0.13 kg |
| MZKAB1 | K1023302 | cover shroud for special (high) clamp terminal connection in feeder pillars<br>length 138,5 mm | top terminal | 1 piece | 0.12 kg |
| MZVHB | L1023303 | extended cover shroud<br>length 257 mm | top terminal | 1 piece | 0.23 kg |
| MZKHV | A1002202 | cover shroud for installation in distribution units with central cover (height of supporting edge reduced by 16 mm)<br>length 145 mm | top terminal | 1 piece | 0.09 kg |

1.001.510

MZAW

## Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.001.510 | K1002280 | cover shield to support central cover<br>1 set = 2 pieces | 1 set | 0.15 kg |
| MZAW | D218687 | support angle for support of cover plate<br>1 set = 4 pieces | 1 set | 0.03 kg |

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# MULTIVERT® 630A
## Size 3, 690VAC

MZ01LPAP MZLPAP 1.002.493

1.002.492 1.002.830 1.002.829

1.002.648 1.000.192

### Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| MZ01LPAP | C1023410 | spare way cover without level adjustment<br>width 50 mm, length 500 mm<br>including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| MZLPAP | D1023411 | spare way cover<br>width 100 mm, length 612 mm<br>including 2 pieces M12 fixing screws<br>(distance of fixing holes 185 mm) | bus bar system 185 mm | 1 piece | 0.56 kg |
| 1.002.493 | N1002283 | spare way cover<br>width 50 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.492 | M1002282 | spare way cover<br>width 100 mm, length 630 mm<br>for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.20 kg |
| 1.002.830 | E1023412 | spare way cover<br>width 50 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation,<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |
| 1.002.829 | F1023413 | spare way cover<br>width 100 mm, length 630 mm<br>with level adjustment 123 mm<br>for bus bar installation<br>set = cover + fixing set<br>(2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.27 kg |

### Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.648 | T1023448 | M12 insert nut, size 2 and 3<br>1 set = 30 pieces | 1 set | 0.28 kg |
| 1.000.192 | P1002284 | hooked clamp size 1, 2, 3, M = 15–20 Nm<br>hexagon socket connection (inbus)<br>for MULTIVERT®/BSL with top or bottom terminal<br>1 set = 3 pieces | 1 set | 0.47 kg |



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# MULTIVERT® 630A
## Size 3, 690VAC

1.002.940

MZESM

1.000.829

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.940 | Z1023453 | electronic fuse monitoring ESÜ size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.85 kg |
| MZESM | J228766 | Electronic System Monitor ESM size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.10 kg |
| 1.000.829 | L1023418 | electro-mechanical fuse monitoring (galvanic isolation) MZS size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.31 kg |
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

1.000.102

1.000.103

1.000.104

1.000.109

### Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.102 | M1023281 | size 1, 2, 3, 250 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.103 | N1023282 | size 2, 3, 400 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.104 | P1023283 | size 3, 630 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.105 | J1023278 | size 3, 1000 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.108 | T1023287 | size 1, 2, 3, 250 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |
| 1.000.109 | V1023288 | size 2, 3, 400 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |
| 1.000.110 | W1023289 | size 3, 630 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |
| 1.000.111 | Q1023284 | size 3, 1000 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |

1.002.294

1.002.295

### Amperemeter for direct frontal installation

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.294 | G1023276 | size 2/3, 400 / 200 / 5A, with drag indicator, for NH-measuring fuse link, single pole measurement | 1 piece | 0.14 kg |
| 1.002.295 | H1023277 | size 2/3, 600 / 300 / 5A, with drag indicator, for NH-measuring fuse link, single pole measurement | 1 piece | 0.14 kg |

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# MULTIVERT® 630A
## Size 3, 690VAC

MZ3SW400

SZ1SW600

MZPR600

### Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZ1SW250 | K1024567 | current transformer up to 250/5A for single pole measurement, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer,<br>2 pieces additionally packed | 1 set | 0.88 kg |
| MZ1SW400 | N1024570 | current transformer up to 400/5A for single pole measurement, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer,<br>2 pieces additionally packed | 1 set | 0.89 kg |
| MZ1SW600 | R1024573 | current transformer up to 600/5A for single pole measurement, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer,<br>2 pieces additionally packed | 1 set | 1.22 kg |
| MZ1SW1000 | E1024562 | current transformer up to 1000/5A for single pole measurement, class 1<br>set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 1.92 kg |
| MZ3SW250 | M1024569 | current transformer up to 250/5A for triple pole measurement, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.38 kg |
| MZ3SW400 | Q1024572 | current transformer up to 400/5A for triple pole measurement, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.43 kg |
| MZ3SW600 | T1024575 | current transformer up to 600/5A for triple pole measurement, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.43 kg |
| MZ3SW1000 | G1024564 | current transformer up to 1000/5A for triple pole measurement, class 1<br>set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 2.47 kg |
| SZ1SW250 | L1024568 | current transformer up to 250/5A, class 1, for single pole measurement | 1 piece | 0.43 kg |
| SZ1SW400 | P1024571 | current transformer up to 400/5A, class 1, for single pole measurement | 1 piece | 0.46 kg |
| SZ1SW600 | S1024574 | current transformer up to 600/5A, class 1, for single pole measurement | 1 piece | 0.4 kg |
| SZ1SW1000 | F1024563 | current transformer up to 1000/5A, class 1, for single pole measurement | 1 piece | 0.81 kg |
| MZPR600 | S1024597 | distance tube for level adjustment, up to 600/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height<br>1 set = 3 pieces | 1 set | 0.62 kg |

MZBT

### Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |



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# MULTIVERT® 630A
## Size 3, 690VAC

1.002.909

1.002.910

22SZVK42 1.000.099

1.003.286

1.001.667

1.003.377

1.002.255

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.002.909 | K1024613 | V-terminal clamp size 1,2,3,<br>95-240 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 3 pieces | 1 set | 0.24 kg |
| 1.002.910 | L1024614 | V-terminal clamp size 1,2,3,<br>95-300 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 3 pieces | 1 set | 0.26 kg |
| 22SZVK42 | Q1024618 | V-terminal clamp size 1,2,3 for 2 conductors<br>50–240 mm²single solid, 50-185 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid<br>M = 23–27 Nm | 1 piece | 6.8 g |
| 1.000.099 | E1023436 | insulation cap for V-terminal clamp size 1,2,3 | 1 piece | 0.1 g |
| 1.003.286 | Q1024595 | supplementaty set for V-terminal size 1,2,3<br>set = 3 pieces V-clamps, cover shroud and labels for size 1, 2 and 3 | 1 set | 0.23 kg |
| 1.001.667 | F1023275 | adapter for double terminal L3 | 1 piece | 0.25 kg |
| 1.003.377 | Y1024579 | supplementary set for multiple termination, top terminal<br>2 cable lugs Cu/Al:<br>up to max. 300 mm² round stranded, sectoral stranded,<br>3 cable lugs Cu:<br>up to max. 150 mm² round stranded, sectoral stranded,<br>M = 32-38 Nm | 1 set | 1.74 kg |
| 1.002.255 | B1024582 | supplementary set for multiple termination, bottom terminal<br>2 cable lugs Cu/Al:<br>up to max. 300 mm² round stranded, sectoral stranded,<br>3 cable lugs Cu:<br>up to max. 150 mm² round stranded, sectoral stranded,<br>M = 32-38 Nm | 1 set | 1.68 kg |

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# MULTIVERT® 630A 4P (3P+N)

## Size 3, 690VAC

PRODUCT RANGE

4.350.000

### MULTIVERT® 630 A size 3 185 mm 4P (3P+N)

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 4.350.000 | G1056005 | M12 bolts | 4P (3P+N) | 1 piece | 8.9 kg |
| 4.370.000 | W1058272 | V-terminal for V-clamps | 4P (3P+N) | 1 piece | 8.9 kg |
| 4.380.000 | X1058273 | M12 bus bar terminal<br>V-terminal for N pole | 4P (3P+N)<br>MULTIVERT with lateral busbar terminals, busbar coupler switch | 1 piece | 6.5 kg |



## ACCESSORIES

1.002.095

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| 1.002.095 | J1002279 | cover shroud for extended cover length 70 mm | bottom terminal | 1 piece | 0.12 kg |

MZAW

### Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZAW | D218687 | support angle for support of cover plate<br>1 set = 4 pieces | 1 set | 27 g |

1.000.852

### Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.000.852 | Q1002285 | indicator for switch door position<br>micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

MZBT

### Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |

1.004.402

1.004.403

### Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| 1.004.402 | G1058305 | V-terminal clamp size 1,2,3,<br>95-240 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 4 pieces | 1 set | 0.3 kg |
| 1.004.403 | H1058306 | V-terminal clamp size 1,2,3,<br>95-300 mm² single solid, 70-240 mm² single stranded,<br>50-185 mm² round stranded, 70-240 mm² round solid,<br>M = 23 -27 Nm<br>1 set = 4 pieces | 1 set | 0.3 kg |

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# MULTIVERT® 800A, 1260A

PRODUCT RANGE

## Double Fuse Switch Disconnector Size 2 and 3

1.400.000

### MULTIVERT® NH-double vertical fuse switch disconnector 800 A single pole switching for NH-fuse links size 2

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| 1.400.000 | W1023266 | triple cable termination<br>M12 bolt | 1 piece | 11.6 kg |
| 1.400.004 | X1023267 | quadruple cable termination<br>M12 bolt | 1 piece | 12.12 kg |

### MULTIVERT® NH-double vertical fuse switch disconnector 1260 A single pole switching for NH-fuse links size 3

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| 1.500.000 | S1023125 | triple cable termination<br>M12 bolt | 1 piece | 13.3 kg |
| 1.500.004 | T1023126 | quadruple cable termination<br>M12 bolt | 1 piece | 13.8 kg |

1.450.000

### MULTIVERT® NH-double vertical fuse switch disconnector 800 A triple pole switching for NH-fuse links size 2

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| 1.450.000 | Y1023268 | triple cable termination<br>M12 bolt | 1 piece | 11.9 kg |
| 1.450.004 | Z1023269 | quadruple cable termination<br>M12 bolt | 1 piece | 12.3 kg |

### MULTIVERT® NH-double vertical fuse switch disconnector 1260 A triple pole switching for NH-fuse links size 3

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| 1.550.000 | V1023127 | triple cable termination<br>M12 bolt | 1 piece | 13.3 kg |
| 1.550.004 | W1023128 | quadruple cable termination<br>M12 bolt | 1 piece | 13.8 kg |

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# MULTIVERT® 1260A, 1600A

PRODUCT RANGE

## Double Switch Disconnector Size 2 and 3

1.400.000

### MULTIVERT® NH-double vertical switch disconnector 1260 A single pole switching
### 1260 A - application of NH-solid links size 2, 630 A, Art.Nr. 22SZSM1
### 800 A - application of NH-solid links size 2, 400 A

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| 1.400.000 | W1023266 | triple cable termination<br>M12 bolt | 1 piece | 11.6 kg |
| 1.400.004 | X1023267 | quadruple cable termination<br>M12 bolt | 1 piece | 12.12 kg |

### MULTIVERT® NH-double vertical switch disconnector 1600 A single pole switching
### 1600 A - application of NH-solid links size 3, 1000 A, Art.Nr. 33SZSM2
### 1260 A - application of NH-solid links size 3, 630 A

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| 1.500.000 | S1023125 | triple cable termination<br>M12 bolt | 1 piece | 13.3 kg |
| 1.500.004 | T1023126 | quadruple cable termination<br>M12 bolt | 1 piece | 13.8 kg |



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# MULTIVERT® 1260A, 1600A

PRODUCT RANGE

## Double Switch Disconnector Size 2 and 3

1.450.000

### MULTIVERT® NH-double vertical switch disconnector 1260 A triple pole switching
### 1260 A - application of NH-solid links size 2, 630 A, Art.Nr. 22SZSM1
### 800 A - application of NH-solid links size 2, 400 A

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| 1.450.000 | Y1023268 | triple cable termination<br>M12 bolt | 1 piece | 11.9 kg |
| 1.450.004 | Z1023269 | quadruple cable termination<br>M12 bolt | 1 piece | 12.3 kg |

### MULTIVERT® NH-double vertical switch disconnector 1600 A triple pole switching
### 1600 A - application of NH-solid links size 3, 1000 A, Art.Nr. 33SZSM2
### 1260 A - application of NH-solid links size 3, 630 A

| Catalog number | Item number | Cable termination components | Package | Weight |
|---|---|---|---|---|
| 1.550.000 | V1023127 | triple cable termination<br>M12 bolt | 1 piece | 13.3 kg |
| 1.550.004 | W1023128 | quadruple cable termination<br>M12 bolt | 1 piece | 13.8 kg |

ACCESSORIES

1.002.394

### Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| 1.002.394 | Z1023407 | cover shroud for double vertical switch, width 200 mm, length 224 mm | bottom terminal | 1 piece | 0.45 kg |
| 1.003.320 | M1023304 | cover shroud for double vertical switch, width 200 mm, length 278 mm | top terminal | 1 piece | 0.31 kg |

1.003.320

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# MULTIVERT® 1000A

## Main Incomer, 690VAC

PRODUCT RANGE

1.762.900

### MULTIVERT® main incomer 1000 A 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.762.900 | P1023122 | M12 multiple termination<br>Al/Cu max. 300 mm² round stranded, sectoral stranded (2 cable lugs),<br>Cu max. 150 mm² round stranded,sectoral stranded (3 cable lugs),<br>M = 32-38 Nm | with ready fitted NH-solid links 1000 A | 1 piece | 11.8 kg |

1.712.900

### MULTIVERT® main incomer 1000 A 3 x single pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.712.900 | N1023121 | M12 multiple termination<br>Al/Cu max. 300 mm² round stranded, sectoral stranded (2 cable lugs),<br>Cu max. 150 mm² round stranded,sectoral stranded (3 cable lugs),<br>M = 32-38 Nm | with ready fitted NH-solid links 1000 A | 1 piece | 11.5 kg |



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# MULTIVERT® 630kVA/910A

PRODUCT RANGE

## Transformer Main Incomers, 690VAC

MV6M301K701G

### MULTIVERT® transformer main incomer 630 kVA / 910 A 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| MV6M301K701G | V1023265 | M12 multiple termination<br>Al/Cu max. 300 mm² round stranded,sectoral stranded (2 cable lugs),<br>Cu max. 150 mm² round stranded,sectoral stranded (3 cable lugs),<br>M = 32-38 Nm | for NH-fuse links “gTr” | 1 piece | 1.36 kg |

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## MULTIVERT® 1250A

PRODUCT RANGE

### Size 4a, 690VAC

1.000.093 1.000.094

**MULTIVERT® 1250 A size 4a 3 x single pole switching**

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.000.093 | A1023270 | M16 screw terminal | bottom terminal | 1 piece | 16.4 kg |
| 1.000.094 | B1023271 | M16 screw terminal | top terminal | 1 piece | 16.4 kg |

## MULTIVERT® 1600A

PRODUCT RANGE

### Size 4a, 690VAC

1.000.095 1.000.096

**MULTIVERT® 1600 A size 4a 3 x single pole switching**

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|---|---|---|---|---|---|
| 1.000.095 | C1023272 | 2xM12 screw terminal | bottom terminal | 1 piece | 16.5 kg |
| 1.000.096 | D1023273 | 2xM12 screw terminal | top terminal | 1 piece | 16.5 kg |



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# IEC BS - LOW VOLTAGE FUSE SYSTEM

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## Offset Blade fuse-links gM 550VAC/250VDC

PRODUCT RANGE

BNS55V20M25

### Type F1 550VAC/250VDC gM BNS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BNS55V10M16 | T1019216 | 550 V | 250 V | 10M16 A | 120 $A^2s$ | 550 $A^2s$ | 80 kA | 40 kA | 1 W | 17.3 g |
| BNS55V16M20 | V1019217 | 550 V | 250 V | 16M20 A | 250 $A^2s$ | 1250 $A^2s$ | 80 kA | 40 kA | 1.36 W | 17.3 g |
| BNS55V20M25 | W1019218 | 550 V | 250 V | 20M25 A | 420 $A^2s$ | 2100 $A^2s$ | 80 kA | 40 kA | 1.6 W | 17.3 g |
| BNS55V20M32 | X1019219 | 550 V | 250 V | 20M32 A | 670 $A^2s$ | 3350 $A^2s$ | 80 kA | 40 kA | 1.8 W | 17.3 g |
| BNS55V25M32 | Z1019221 | 550 V | 250 V | 25M32 A | 670 $A^2s$ | 3350 $A^2s$ | 80 kA | 40 kA | 2.3 W | 17.3 g |

## Offset Blade fuse-links gM 415VAC

PRODUCT RANGE

### Type F1 415VAC gM BNS

| Catalog number | Item number | Rated voltage AC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|
| BNS42V20M36 | D1036981 | 415 V | 20M36 A | 700 $A^2s$ | 4000 $A^2s$ | 80 kA | 1.6 W | 23.8 g |
| BNS42V32M36 | E1036982 | 415 V | 32M36 A | 700 $A^2s$ | 4000 $A^2s$ | 80 kA | 2.4 W | 23.8 g |
| BNS42V32M40 | F1036983 | 415 V | 32M40 A | 1300 $A^2s$ | 4200 $A^2s$ | 80 kA | 2.4 W | 23.8 g |
| BNS42V32M50 | G1036984 | 415 V | 32M50 A | 2600 $A^2s$ | 8750 $A^2s$ | 80 kA | 2.3 W | 23.8 g |
| BNS42V32M63 | H1036985 | 415 V | 32M63 A | 4000 $A^2s$ | 13900 $A^2s$ | 80 kA | 2.4 W | 23.8 g |

## Offset Blade fuse-links gG 550VAC

PRODUCT RANGE

BES55V16

### Type F2 550VAC gG BES

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|
| BES55V2* | Y1050799 | 550 V | 2 A | 1 $A^2s$ | 5 $A^2s$ | 80 kA | 0.9 W | 29 g |
| BES55V4* | Z1050800 | 550 V | 4 A | 7.6 $A^2s$ | 38 $A^2s$ | 80 kA | 1.5 W | 29 g |
| BES55V6* | A1050801 | 550 V | 6 A | 28 $A^2s$ | 40 $A^2s$ | 80 kA | 1.8 W | 29 g |
| BES55V10 | F1006646 | 550 V | 10 A | 70 $A^2s$ | 350 $A^2s$ | 80 kA | 1.2 W | 29 g |
| BES55V16 | G1006647 | 550 V | 16 A | 120 $A^2s$ | 550 $A^2s$ | 80 kA | 1.6 W | 29 g |
| BES55V20 | H1006648 | 550 V | 20 A | 250 $A^2s$ | 1250 $A^2s$ | 80 kA | 1.7 W | 29 g |
| BES55V25 | J1006649 | 550 V | 25 A | 420 $A^2s$ | 2100 $A^2s$ | 80 kA | 2 W | 29 g |
| BES55V32 | K1006650 | 550 V | 32 A | 670 $A^2s$ | 3350 $A^2s$ | 80 kA | 2.9 W | 29 g |
| BES55V36 | L1006651 | 550 V | 36 A | 700 $A^2s$ | 4000 $A^2s$ | 80 kA | 2.8 W | 29 g |

** No asta*

## Offset Blade fuse-links gG 550VAC/250VDC

PRODUCT RANGE

BNS55V32

### Type F1 550VAC/250VDC gG BNS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BNS55V2 | C1006643 | 550 V | 250 V | 2 A | 1 $A^2s$ | 5 $A^2s$ | 80 kA | 40 kA | 0.9 W | 17.5 g |
| BNS55V4 | D1006644 | 550 V | 250 V | 4 A | 7.6 $A^2s$ | 38 $A^2s$ | 80 kA | 40 kA | 1.5 W | 17.5 g |
| BNS55V6 | E1006645 | 550 V | 250 V | 6 A | 28 $A^2s$ | 40 $A^2s$ | 80 kA | 40 kA | 1.8 W | 17.5 g |
| BNS55V10 | N1019211 | 550 V | 250 V | 10 A | 70 $A^2s$ | 350 $A^2s$ | 80 kA | 40 kA | 1.2 W | 17.5 g |
| BNS55V16 | P1019212 | 550 V | 250 V | 16 A | 120 $A^2s$ | 550 $A^2s$ | 80 kA | 40 kA | 1.6 W | 17.5 g |
| BNS55V20 | Q1019213 | 550 V | 250 V | 20 A | 250 $A^2s$ | 1250 $A^2s$ | 80 kA | 40 kA | 1.7 W | 17.5 g |
| BNS55V25 | R1019214 | 550 V | 250 V | 25 A | 420 $A^2s$ | 2100 $A^2s$ | 80 kA | 40 kA | 2 W | 17.5 g |
| BNS55V32 | S1019215 | 550 V | 250 V | 32 A | 670 $A^2s$ | 3350 $A^2s$ | 80 kA | 40 kA | 2.9 W | 17.5 g |

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## Offset Blade fuse-links gG 415VAC

PRODUCT RANGE

BES42V63

### Type F2 415VAC gG BES

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|
| BES42V40 | J226351 | 415 V | 40 A | 1300 A²s | 4200 A²s | 80 kA | 3 W | 29 g |
| BES42V50 | K226352 | 415 V | 50 A | 2600 A²s | 8750 A²s | 80 kA | 3.6 W | 29 g |
| BES42V63 | L226353 | 415 V | 63 A | 4000 A²s | 13900 A²s | 80 kA | 4.7 W | 29 g |

## Offset Tag fuse-links gG 415VAC/250VDC

PRODUCT RANGE

### Type A1 415VAC/250VDC gG BEIT

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BEIT42V36 | A1019176 | 415 V | 250 V | 36 A | 1000 A²s | 4000 A²s | 80 kA | 40 kA | 2.8 W | 31.5 g |
| BEIT42V40 | B1019177 | 415 V | 250 V | 40 A | 1300 A²s | 4200 A²s | 80 kA | 40 kA | 3 W | 31.5 g |
| BEIT42V50 | C1019178 | 415 V | 250 V | 50 A | 2600 A²s | 8750 A²s | 80 kA | 40 kA | 3.6 W | 31.5 g |
| BEIT42V63 | D1019179 | 415 V | 250 V | 63 A | 4000 A²s | 13900 A²s | 80 kA | 40 kA | 4.7 W | 31.5 g |

## Offset Tag fuse-links gM 550VAC/250VDC

PRODUCT RANGE

BNIT55V20M32

### Type A1 550VAC/250VDC gM BNIT

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BNIT55V10M16 | G1019228 | 550 V | 250 V | 10M16 A | 120 A²s | 550 A²s | 80 kA | 40 kA | 1 W | 16 g |
| BNIT55V16M20 | H1019229 | 550 V | 250 V | 16M20 A | 250 A²s | 1250 A²s | 80 kA | 40 kA | 1.36 W | 16 g |
| BNIT55V20M25 | J1019230 | 550 V | 250 V | 20M25 A | 420 A²s | 2100 A²s | 80 kA | 40 kA | 1.6 W | 16 g |
| BNIT55V20M32 | K1019231 | 550 V | 250 V | 20M32 A | 670 A²s | 3350 A²s | 80 kA | 40 kA | 1.8 W | 16 g |
| BNIT55V25M32 | R1019237 | 550 V | 250 V | 25M32 A | 670 A²s | 3350 A²s | 80 kA | 40 kA | 2.3 W | 16 g |

## Offset Tag fuse-links gG 550VAC/250VDC

PRODUCT RANGE

BNIT55V32

### Type A1 550VAC/250VDC gG BNIT

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BNIT55V2 | E1006576 | 550 V | 250 V | 2 A | 1 A²s | 5 A²s | 80 kA | 40 kA | 0.9 W | 16.5 g |
| BNIT55V4 | F1006577 | 550 V | 250 V | 4 A | 7.6 A²s | 38 A²s | 80 kA | 40 kA | 1.5 W | 16.5 g |
| BNIT55V6 | G1006578 | 550 V | 250 V | 6 A | 28 A²s | 40 A²s | 80 kA | 40 kA | 1.8 W | 16.5 g |
| BNIT55V10 | B1019223 | 550 V | 250 V | 10 A | 70 A²s | 350 A²s | 80 kA | 40 kA | 1.2 W | 16.5 g |
| BNIT55V16 | C1019224 | 550 V | 250 V | 16 A | 120 A²s | 550 A²s | 80 kA | 40 kA | 1.6 W | 16.5 g |
| BNIT55V20 | D1019225 | 550 V | 250 V | 20 A | 250 A²s | 1250 A²s | 80 kA | 40 kA | 1.7 W | 16.5 g |
| BNIT55V25 | E1019226 | 550 V | 250 V | 25 A | 420 A²s | 2100 A²s | 80 kA | 40 kA | 2 W | 16.5 g |
| BNIT55V32 | F1019227 | 550 V | 250 V | 32 A | 670 A²s | 3350 A²s | 80 kA | 40 kA | 2.9 W | 16.5 g |



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# Offset Tag fuse-links gG 550VAC/250VDC

PRODUCT RANGE

BTIA55V10

## Type A2 550VAC/250VDC gG gM BTIA

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BTIA55V2 | S1019238 | 550 V | 250 V | 2 A | - | 1 $A^2s$ | 5 $A^2s$ | 80 kA | 40 kA | 0.9 W | 20 g |
| BTIA55V4 | T1019239 | 550 V | 250 V | 4 A | - | 7.6 $A^2s$ | 38 $A^2s$ | 80 kA | 40 kA | 1.5 W | 20 g |
| BTIA55V6 | V1019240 | 550 V | 250 V | 6 A | - | 28 $A^2s$ | 40 $A^2s$ | 80 kA | 40 kA | 1.8 W | 20 g |
| BTIA55V10 | W1019241 | 550 V | 250 V | 10 A | - | 70 $A^2s$ | 350 $A^2s$ | 80 kA | 40 kA | 1.2 W | 20 g |
| BTIA55V10M16 | B1019246 | 550 V | 250 V | - | 10M16 A | 120 $A^2s$ | 550 $A^2s$ | 80 kA | 40 kA | 1 W | 20 g |
| BTIA55V16 | X1019242 | 550 V | 250 V | 16 A | - | 120 $A^2s$ | 550 $A^2s$ | 80 kA | 40 kA | 1.6 W | 20 g |
| BTIA55V16M20 | C1019247 | 550 V | 250 V | - | 16M20 A | 250 $A^2s$ | 1250 $A^2s$ | 80 kA | 40 kA | 1.36 W | 20 g |
| BTIA55V20 | Y1019243 | 550 V | 250 V | 20 A | - | 250 $A^2s$ | 1250 $A^2s$ | 80 kA | 40 kA | 1.7 W | 20 g |
| BTIA55V20M25 | D1019248 | 550 V | 250 V | - | 20M25 A | 420 $A^2s$ | 2100 $A^2s$ | 80 kA | 40 kA | 1.6 W | 20 g |
| BTIA55V20M32 | E1019249 | 550 V | 250 V | - | 20M32 A | 670 $A^2s$ | 3350 $A^2s$ | 80 kA | 40 kA | 1.8 W | 20 g |
| BTIA55V25 | Z1019244 | 550 V | 250 V | 25 A | - | 420 $A^2s$ | 2100 $A^2s$ | 80 kA | 40 kA | 2 W | 20 g |
| BTIA55V32 | A1019245 | 550 V | 250 V | 32 A | - | 670 $A^2s$ | 3350 $A^2s$ | 80 kA | 40 kA | 2.9 W | 20 g |
| BTIA55V25M32 | F1019250 | 550 V | 250 V | - | 25M32 A | 670 $A^2s$ | 3350 $A^2s$ | 80 kA | 40 kA | 2.3 W | 20 g |

# Offset Tag fuse-links gG 415VAC/240VDC

PRODUCT RANGE

BTIS42V63

BTIS42V80

## Type A3 415VAC/240VDC gG BTIS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTIS42V36 | M1045269 | 415 V | 240 V | 36 A | 1000 $A^2s$ | 4000 $A^2s$ | 80 kA | 40 kA | 2.8 W | 88.7 g |
| BTIS42V40 | N1045270 | 415 V | 240 V | 40 A | 1300 $A^2s$ | 4200 $A^2s$ | 80 kA | 40 kA | 3 W | 88.7 g |
| BTIS42V50 | P1045271 | 415 V | 240 V | 50 A | 2600 $A^2s$ | 8750 $A^2s$ | 80 kA | 40 kA | 3.6 W | 88.7 g |
| BTIS42V63 | Q1045272 | 415 V | 240 V | 63 A | 4000 $A^2s$ | 13900 $A^2s$ | 80 kA | 40 kA | 4.7 W | 88.7 g |
| BTIS42V80 | R1045273 | 415 V | 240 V | 80 A | 8500 $A^2s$ | 38250 $A^2s$ | 80 kA | 40 kA | 6.5 W | 88.7 g |
| BTIS42V100 | S1045274 | 415 V | 240 V | 100 A | 14000 $A^2s$ | 65000 $A^2s$ | 80 kA | 40 kA | 7.5 W | 88.7 g |
| BTIS42V125 | L1019186 | 415 V | 240 V | 125 A | 28000 $A^2s$ | 78400 $A^2s$ | 80 kA | 40 kA | 11.3 W | 88.7 g |
| BTIS42V160 | M1019187 | 415 V | 240 V | 160 A | 60000 $A^2s$ | 168000 $A^2s$ | 80 kA | 40 kA | 14 W | 88.7 g |

BTSDS42V125

## Type A3 415VAC/240VDC gG BTSDS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTSDS42V80 | E1019180 | 415 V | 240 V | 80 A | 8500 $A^2s$ | 38250 $A^2s$ | 80 kA | 40 kA | 6.5 W | 59 g |
| BTSDS42V100 | F1019181 | 415 V | 240 V | 100 A | 14000 $A^2s$ | 65000 $A^2s$ | 80 kA | 40 kA | 7.5 W | 59 g |
| BTSDS42V125 | G1019182 | 415 V | 240 V | 125 A | 16000 $A^2s$ | 70000 $A^2s$ | 80 kA | 40 kA | 11.5 W | 59 g |

BTSS42V40

## Type A3 415VAC/240VDC gG BTSS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTSS42V36 | R1019191 | 415 V | 240 V | 36 A | 1000 $A^2s$ | 4000 $A^2s$ | 80 kA | 40 kA | 2.8 W | 32.5 g |
| BTSS42V40 | S1019192 | 415 V | 240 V | 40 A | 1300 $A^2s$ | 4200 $A^2s$ | 80 kA | 40 kA | 3 W | 32.5 g |
| BTSS42V50 | T1019193 | 415 V | 240 V | 50 A | 2600 $A^2s$ | 8750 $A^2s$ | 80 kA | 40 kA | 3.6 W | 32.5 g |
| BTSS42V63 | V1019194 | 415 V | 240 V | 63 A | 4000 $A^2s$ | 13900 $A^2s$ | 80 kA | 40 kA | 4.7 W | 32.5 g |

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# Offset Tag fuse-links gG 415VAC/240VDC

PRODUCT RANGE

## Type A4 415VAC /240VDC gG BTSD

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTSD42V80 | Y1019197 | 415 V | 240 V | 80 A | 8500 A²s | 38250 A²s | 80 kA | 40 kA | 6.5 W | 82 g |
| BTSD42V100 | Z1019198 | 415 V | 240 V | 100 A | 14000 A²s | 65000 A²s | 80 kA | 40 kA | 7.5 W | 82 g |
| BTSD42V125 | A1019199 | 415 V | 240 V | 125 A | 16000 A²s | 70000 A²s | 80 kA | 40 kA | 11.5 W | 82 g |

## Type A4 415VAC gG BTCP

BTCP42V100

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTCP42V36 | T1045275 | 415 V | 240 V | 36 A | 1000 A²s | 4000 A²s | 80 kA | 40 kA | 2.8 W | 83 g |
| BTCP42V40 | Z1045280 | 415 V | 240 V | 40 A | 1300 A²s | 4200 A²s | 80 kA | 40 kA | 3 W | 83 g |
| BTCP42V50 | S1045297 | 415 V | 240 V | 50 A | 2600 A²s | 8750 A²s | 80 kA | 40 kA | 3.6 W | 83 g |
| BTCP42V63 | T1045298 | 415 V | 240 V | 63 A | 4000 A²s | 13900 A²s | 80 kA | 40 kA | 4.7 W | 83 g |
| BTCP42V80 | V1045299 | 415 V | 240 V | 80 A | 8500 A²s | 38250 A²s | 80 kA | 40 kA | 6.5 W | 83 g |
| BTCP42V100 | X1045301 | 415 V | 240 V | 100 A | 14000 A²s | 65000 A²s | 80 kA | 40 kA | 7.5 W | 83 g |

## Type A4 415VAC/240VDC gG BTCP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTCP42V125 | W1019195 | 415 V | 240 V | 125 A | 28000 A²s | 78400 A²s | 80 kA | 40 kA | 11.3 W | 0.12 kg |
| BTCP42V160 | X1019196 | 415 V | 240 V | 160 A | 60000 A²s | 168000 A²s | 80 kA | 40 kA | 14 W | 0.12 kg |

## Type A4 415VAC/240VDC gG BTFP

BTFP42V160

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTFP42V125 | D226300 | 415 V | 240 V | 125 A | 17000 A²s | 70000 A²s | 80 kA | 40 kA | 9.2 W | 0.15 kg |
| BTFP42V160 | E226301 | 415 V | 240 V | 160 A | 57000 A²s | 150000 A²s | 80 kA | 40 kA | 10.7 W | 0.15 kg |
| BTFP42V200 | F226302 | 415 V | 240 V | 200 A | 105000 A²s | 293000 A²s | 80 kA | 40 kA | 16.2 W | 0.15 kg |

# Offset Tag fuse-links gM 415VAC/240VDC

PRODUCT RANGE

## Type A2 415VAC/250VDC gM BTIA

BTIA42V32M63

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTIA42V32M40 | G226280 | 415 V | 250 V | 32M40 A | 1300 A²s | 4200 A²s | 80 kA | 40 kA | 2.4 W | 54 g |
| BTIA42V32M50 | H226251 | 415 V | 250 V | 32M50 A | 2600 A²s | 8750 A²s | 80 kA | 40 kA | 2.3 W | 54 g |
| BTIA42V32M63 | K226283 | 415 V | 250 V | 32M63 A | 4000 A²s | 13900 A²s | 80 kA | 40 kA | 2.4 W | 54 g |



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# Offset Tag fuse-links gM 415VAC/240VDC

PRODUCT RANGE

BTIS42V100M125

## Type A3 415VAC/240VDC gM BTIS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTIS42V63M80 | R226289J | 415 V | 240 V | 63M80 A | 5500 $A^2s$ | 38250 $A^2s$ | 80 kA | 40 kA | 5.1 W | 60 g |
| BTIS42V63M100 | S226290J | 415 V | 240 V | 63M100 A | 14000 $A^2s$ | 650000 $A^2s$ | 80 kA | 40 kA | 5.5 W | 60 g |
| BTIS42V80M100 | G1065389 | 415 V | 240 V | 80M100 A | 14000 $A^2s$ | 650000 $A^2s$ | 80 kA | 40 kA | 6 W | 60 g |
| BTIS42V100M125 | N1019188 | 415 V | 240 V | 100M125 A | 28000 $A^2s$ | 78400 $A^2s$ | 80 kA | 40 kA | 9 W | 82 g |
| BTIS42V100M160 | Q1019190 | 415 V | 240 V | 100M160 A | 60000 $A^2s$ | 168000 $A^2s$ | 80 kA | 40 kA | 8.8 W | 88 g |

## Type A3 415VAC/240VDC gM BTSDS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTSDS42V63M80 | H1019183 | 415 V | 240 V | 63M80 A | 8500 $A^2s$ | 38250 $A^2s$ | 80 kA | 40 kA | 5.1 W | 58 g |
| BTSDS42V63M100 | J1019184 | 415 V | 240 V | 63M100 A | 14000 $A^2s$ | 65000 $A^2s$ | 80 kA | 40 kA | 4.7 W | 58 g |
| BTSDS42V80M100 | W1054362 | 415 V | 240 V | 80M100 A | 14000 $A^2s$ | 65000 $A^2s$ | 80 kA | 40 kA | 6 W | 84 g |
| BTSDS42V100M125 | K1019185 | 415 V | 240 V | 100M125 A | 16000 $A^2s$ | 70000 $A^2s$ | 80 kA | 40 kA | 9.2 W | 84 g |

## Type A4 415VAC /240VDC gM BTSD

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTSD42V63M80 | B1019200 | 415 V | 240 V | 63M80 A | 8500 $A^2s$ | 38250 $A^2s$ | 80 kA | 40 kA | 5.1 W | 60 g |
| BTSD42V63M100 | C1019201 | 415 V | 240 V | 63M100 A | 14000 $A^2s$ | 65000 $A^2s$ | 80 kA | 40 kA | 4.7 W | 60 g |
| BTSD42V80M100 | X1054363 | 415 V | 240 V | 80M100 A | 14000 $A^2s$ | 65000 $A^2s$ | 80 kA | 40 kA | 6 W | 60 g |
| BTSD42V100M125 | D1019202 | 415 V | 240 V | 100M125 A | 16000 $A^2s$ | 70000 $A^2s$ | 80 kA | 40 kA | 9.2 W | 60 g |

BTCP42V100M200

## Type A4 415VAC/240VDC gM BTCP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTCP42V100M125 | A226297 | 415 V | 240 V | 100M125 A | 28000 $A^2s$ | 78400 $A^2s$ | 80 kA | 40 kA | 9 W | 0.16 kg |
| BTCP42V100M160 | B226298 | 415 V | 240 V | 100M160 A | 60000 $A^2s$ | 168000 $A^2s$ | 80 kA | 40 kA | 8.8 W | 0.16 kg |
| BTCP42V100M200 | C226299 | 415 V | 240 V | 100M200 A | 105000 $A^2s$ | 293000 $A^2s$ | 80 kA | 40 kA | 8.1 W | 0.16 kg |

## Type A4 415VAC/240VDC gM BTFP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTFP42V200M250 | G226303A | 415 V | 240 V | 200M250 A | 190000 $A^2s$ | 532000 $A^2s$ | 80 kA | 40 kA | 19.2 W | 0.29 kg |
| BTFP42V200M315 | H226304A | 415 V | 240 V | 200M315 A | 270000 $A^2s$ | 756000 $A^2s$ | 80 kA | 40 kA | 19.7 W | 0.29 kg |

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# Central Bolted Tag fuse-links gG 415VAC/240VDC

PRODUCT RANGE

## Type B1 415VAC/240VDC gG BTBC 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTBC42V32 | J226305 | 415 V | 240 V | 32 A | 700 A²s | 3000 A²s | 80 kA | 40 kA | 3.6 W | 0.13 kg |
| BTBC42V40 | K226306 | 415 V | 240 V | 40 A | 1300 A²s | 5850 A²s | 80 kA | 40 kA | 4 W | 0.13 kg |
| BTBC42V50 | L226307 | 415 V | 240 V | 50 A | 2600 A²s | 11700 A²s | 80 kA | 40 kA | 4.8 W | 0.13 kg |
| BTBC42V63 | M226308 | 415 V | 240 V | 63 A | 4000 A²s | 17500 A²s | 80 kA | 40 kA | 5.9 W | 0.13 kg |

## Type B1C 415VAC/240VDC gG BTC 2 hole

BTC42V100

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTC42V80 | Y1045302 | 415 V | 240 V | 80 A | 8500 A²s | 38250 A²s | 80 kA | 40 kA | 6.5 W | 84.5 g |
| BTC42V100 | Z1045303 | 415 V | 240 V | 100 A | 14000 A²s | 65000 A²s | 80 kA | 40 kA | 7.5 W | 84.5 g |

## Type B1 415VAC/240VDC gG BTC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTC42V125 | E1019203 | 415 V | 240 V | 125 A | 28000 A²s | 78400 A²s | 80 kA | 40 kA | 11.3 W | 0.12 kg |
| BTC42V160 | F1019204 | 415 V | 240 V | 160 A | 60000 A²s | 168000 A²s | 80 kA | 40 kA | 8.8 W | 0.12 kg |
| BTC42V200 | W1066276 | 415 V | 240 V | 200 A | 105000 A²s | 293000 A²s | 80 kA | 40 kA | 16.2 W | 0.12 kg |

## Type B1 415VAC /240VDC gG BTSDC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTSDC42V80 | G1019205 | 415 V | 240 V | 80 A | 8500 A²s | 38250 A²s | 80 kA | 40 kA | 6.5 W | 86 g |
| BTSDC42V100 | H1019206 | 415 V | 240 V | 100 A | 14000 A²s | 65000 A²s | 80 kA | 40 kA | 7.5 W | 86 g |
| BTSDC42V125 | J1019207 | 415 V | 240 V | 125 A | 16000 A²s | 70000 A²s | 80 kA | 40 kA | 11.5 W | 86 g |

## Type B2 415VAC/240VDC gG BTF 2 hole

BTF42V125

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTF42V125 | T226314 | 415 V | 240 V | 125 A | 17000 A²s | 70000 A²s | 80 kA | 40 kA | 9.2 W | 0.15 kg |
| BTF42V160 | V226315 | 415 V | 240 V | 160 A | 57000 A²s | 150000 A²s | 80 kA | 40 kA | 10.7 W | 0.15 kg |
| BTF42V200 | W226316 | 415 V | 240 V | 200 A | 105000 A²s | 293000 A²s | 80 kA | 40 kA | 16.2 W | 0.15 kg |

## Type B3 415VAC/240VDC gG BTKF 2 hole

BTKF42V250

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTKF42V250 | Z226319 | 415 V | 240 V | 250 A | 190000 A²s | 532000 A²s | 80 kA | 40 kA | 24 W | 0.31 kg |
| BTKF42V315 | A226320 | 415 V | 240 V | 315 A | 270000 A²s | 756000 A²s | 80 kA | 40 kA | 31 W | 0.31 kg |



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# Central Bolted Tag fuse-links gG 415VAC/240VDC

PRODUCT RANGE

BTKM42V315

## Type B3X 415VAC/240VDC gG BTKM 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTKM42V250 | C226322 | 415 V | 240 V | 250 A | 190000 A²s | 532000 A²s | 80 kA | 40 kA | 24 W | 0.34 kg |
| BTKM42V315 | D226323 | 415 V | 240 V | 315 A | 270000 A²s | 756000 A²s | 80 kA | 40 kA | 31 W | 0.34 kg |

BTMF42V400

## Type B4 415VAC/240VDC gG BTMF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTMF42V355 | E226324 | 415 V | 240 V | 355 A | 395000 A²s | 1106000 A²s | 80 kA | 40 kA | 32 W | 0.61 kg |
| BTMF42V400 | F226325 | 415 V | 240 V | 400 A | 505000 A²s | 1414000 A²s | 80 kA | 40 kA | 38 W | 0.61 kg |

BTM42V400

## Type C1 415VAC/240VDC gG BTM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTM42V355 | G226326 | 415 V | 240 V | 355 A | 395000 A²s | 1106000 A²s | 80 kA | 40 kA | 32 W | 0.73 kg |
| BTM42V400 | H226327 | 415 V | 240 V | 400 A | 505000 A²s | 1414000 A²s | 80 kA | 40 kA | 38 W | 0.73 kg |

BTTM42V630

## Type C2 415VAC/240VDC gG BTTM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTTM42V450 | J226328 | 415 V | 240 V | 450 A | 650000 A²s | 1820000 A²s | 80 kA | 40 kA | 42 W | 1.1 kg |
| BTTM42V500 | K226329 | 415 V | 240 V | 500 A | 850000 A²s | 2380000 A²s | 80 kA | 40 kA | 48 W | 1.1 kg |
| BTTM42V560 | L226330 | 415 V | 240 V | 560 A | 1200000 A²s | 3360000 A²s | 80 kA | 40 kA | 50 W | 1.1 kg |
| BTTM42V630 | M226331 | 415 V | 240 V | 630 A | 1546000 A²s | 4437000 A²s | 80 kA | 40 kA | 54 W | 1.1 kg |

## Type C3 415VAC/240VDC gG BTLM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTLM42V670 | N226332 | 415 V | 240 V | 670 A | 1950000 A²s | 5460000 A²s | 80 kA | 40 kA | 60 W | 1.36 kg |
| BTLM42V710 | P226333 | 415 V | 240 V | 710 A | 2400000 A²s | 6720000 A²s | 80 kA | 40 kA | 62 W | 1.36 kg |
| BTLM42V750 | Q226334 | 415 V | 240 V | 750 A | 3000000 A²s | 8400000 A²s | 80 kA | 40 kA | 65 W | 1.36 kg |
| BTLM42V800 | R226335 | 415 V | 240 V | 800 A | 3769000 A²s | 1.09E007 A²s | 80 kA | 40 kA | 68 W | 1.36 kg |

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# Central Bolted fuse-links gM 415VAC/240VDC

PRODUCT RANGE

BTC42V100M200

## Type B1 415VAC/240VDC gM BTC 2 holes

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTC42V100M125 | Q226311 | 415 V | 240 V | 100M125 A | 28000 A²s | 78400 A²s | 80 kA | 40 kA | 9 W | 0.12 kg |
| BTC42V100M160 | R226312 | 415 V | 240 V | 100M160 A | 60000 A²s | 168000 A²s | 80 kA | 40 kA | 8.8 W | 0.12 kg |
| BTC42V100M200 | S226313 | 415 V | 240 V | 100M200 A | 105000 A²s | 293000 A²s | 80 kA | 40 kA | 8.1 W | 0.24 kg |

## Type B1 415VAC/240VDC gM BTSDL

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTSDC42V100M125 | M1019210 | 415 V | 240 V | 100M125 A | 16000 A²s | 70000 A²s | 80 kA | 40 kA | 9.2 W | 86 g |
| BTSDC42V63M100 | L1019209 | 415 V | 240 V | 63M100 A | 14000 A²s | 65000 A²s | 80 kA | 40 kA | 4.7 W | 86 g |
| BTSDC42V63M80 | K1019208 | 415 V | 240 V | 63M80 A | 8500 A²s | 38250 A²s | 80 kA | 40 kA | 5.1 W | 86 g |
| BTSDC42V80M100 | Y1054364 | 415 V | 240 V | 80M100 A | 14000 A²s | 65000 A²s | 80 kA | 40 kA | 6 W | 86 g |

BTF42V200M315

## Type B2 415VAC/240VDC gM BTF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTF42V200M250 | X226317 | 415 V | 240 V | 200M250 A | 190000 A²s | 532000 A²s | 80 kA | 40 kA | 19.2 W | 0.29 kg |
| BTF42V200M315 | Y226318 | 415 V | 240 V | 200M315 A | 270000 A²s | 7560000 A²s | 80 kA | 40 kA | 19.7 W | 0.29 kg |

## Type B3 415VAC/240VDC gM BTFK 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTKF42V315M400 | B226321 | 415 V | 240 V | 315M400 A | 505000 A²s | 1414000 A²s | 80 kA | 40 kA | 30 W | 0.62 kg |

# Offset Tag fuse-links gG 690VAC/460VDC

PRODUCT RANGE

BTIA69V16

## Type A2 690VAC/460VDC gG BTIA

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTIA69V2 | G1019251 | 690 V | 460 V | 2 A | 1 A²s | 6.5 A²s | 80 kA | 40 kA | 0.8 W | 56 g |
| BTIA69V4 | H1019252 | 690 V | 460 V | 4 A | 7.6 A²s | 50 A²s | 80 kA | 40 kA | 1.4 W | 56 g |
| BTIA69V6 | J1019253 | 690 V | 460 V | 6 A | 28 A²s | 180 A²s | 80 kA | 40 kA | 1.7 W | 56 g |
| BTIA69V10 | K1019254 | 690 V | 460 V | 10 A | 70 A²s | 380 A²s | 80 kA | 40 kA | 1.2 W | 56 g |
| BTIA69V16 | L1019255 | 690 V | 460 V | 16 A | 120 A²s | 580 A²s | 80 kA | 40 kA | 1.6 W | 56 g |
| BTIA69V20 | M1019256 | 690 V | 460 V | 20 A | 250 A²s | 1450 A²s | 80 kA | 40 kA | 1.7 W | 56 g |
| BTIA69V25 | N1019257 | 690 V | 460 V | 25 A | 420 A²s | 2500 A²s | 80 kA | 40 kA | 2 W | 56 g |
| BTIA69V32 | P1019258 | 690 V | 460 V | 32 A | 670 A²s | 3900 A²s | 80 kA | 40 kA | 2.9 W | 56 g |
| BTIA69V36 | S1019261 | 690 V | 460 V | 36 A | 700 A²s | 4500 A²s | 80 kA | 40 kA | 3.8 W | 56 g |
| BTIA69V40 | T1019262 | 690 V | 460 V | 40 A | 1300 A²s | 7400 A²s | 80 kA | 40 kA | 4 W | 56 g |
| BTIA69V50 | V1019263 | 690 V | 460 V | 50 A | 2600 A²s | 15000 A²s | 80 kA | 40 kA | 4.8 W | 56 g |
| BTIA69V63 | W1019264 | 690 V | 460 V | 63 A | 4000 A²s | 23000 A²s | 80 kA | 40 kA | 5.9 W | 56 g |



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# Offset Tag fuse-links gG 690VAC/460VDC

PRODUCT RANGE

BTIS69V63

### Type A3 690VAC/460VDC gG BTIS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTIS69V36 | N1006584 | 690 V | 460 V | 36 A | 700 A²s | 4500 A²s | 80 kA | 40 kA | 3.8 W | 57.8 g |
| BTIS69V40 | P1006585 | 690 V | 460 V | 40 A | 1300 A²s | 7400 A²s | 80 kA | 40 kA | 4 W | 57.8 g |
| BTIS69V50 | Q1006586 | 690 V | 460 V | 50 A | 2600 A²s | 15000 A²s | 80 kA | 40 kA | 4.8 W | 57.8 g |
| BTIS69V63 | R1006587 | 690 V | 460 V | 63 A | 4000 A²s | 23000 A²s | 80 kA | 40 kA | 5.9 W | 57.8 g |

BTCP69V100

### Type A4 690VAC/460VDC gG BTCP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTCP69V36 | H1019275 | 690 V | 460 V | 36 A | 700 A²s | 4500 A²s | 80 kA | 40 kA | 3.8 W | 82.6 g |
| BTCP69V40 | M1006606 | 690 V | 460 V | 40 A | 1300 A²s | 7400 A²s | 80 kA | 40 kA | 4 W | 82.6 g |
| BTCP69V50 | N1006607 | 690 V | 460 V | 50 A | 2600 A²s | 15000 A²s | 80 kA | 40 kA | 4.8 W | 82.6 g |
| BTCP69V63 | J1019276E | 690 V | 460 V | 63 A | 4000 A²s | 23000 A²s | 80 kA | 40 kA | 5.9 W | 82.6 g |
| BTCP69V80 | S1006611 | 690 V | 460 V | 80 A | 8500 A²s | 48500 A²s | 80 kA | 40 kA | 6.5 W | 82.6 g |
| BTCP69V100 | T1006612 | 690 V | 460 V | 100 A | 14000 A²s | 80000 A²s | 80 kA | 40 kA | 7.5 W | 82.6 g |

# Offset Tag fuse-links gM 690VAC/460VDC

PRODUCT RANGE

### Type A2 690VAC/460VDC gM BTIA

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTIA69V10M16 | A1019751 | 690 V | 460 V | 10M16 A | 120 A²s | 580 A²s | 80 kA | 40 kA | 1 W | 56 g |
| BTIA69V16M20 | B1019752 | 690 V | 460 V | 16M20 A | 250 A²s | 1450 A²s | 80 kA | 40 kA | 1.4 W | 56 g |
| BTIA69V20M25 | Q1019259 | 690 V | 460 V | 20M25 A | 420 A²s | 2500 A²s | 80 kA | 40 kA | 1.6 W | 56 g |
| BTIA69V20M32 | R1019260 | 690 V | 460 V | 20M32 A | 670 A²s | 3900 A²s | 80 kA | 40 kA | 1.8 W | 56 g |
| BTIA69V25M32 | C1019753 | 690 V | 460 V | 25M32 A | 670 A²s | 3900 A²s | 80 kA | 40 kA | 2.3 W | 56 g |
| BTIA69V32M36 | A1019268 | 690 V | 460 V | 32M36 A | 700 A²s | 4500 A²s | 80 kA | 40 kA | 3.4 W | 56 g |
| BTIA69V32M40 | X1019265 | 690 V | 460 V | 32M40 A | 1300 A²s | 7400 A²s | 80 kA | 40 kA | 3.2 W | 56 g |
| BTIA69V32M50 | Y1019266 | 690 V | 460 V | 32M50 A | 2600 A²s | 15000 A²s | 80 kA | 40 kA | 3 W | 56 g |
| BTIA69V32M63 | Z1019267 | 690 V | 460 V | 32M63 A | 4000 A²s | 23000 A²s | 80 kA | 40 kA | 3 W | 56 g |

BTIS69V32M40

### Type A3 690VAC/460VDC gM BTIS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTIS69V32M36 | C1019270 | 690 V | 460 V | 32M36 A | 700 A²s | 4500 A²s | 80 kA | 40 kA | 3.4 W | 57.5 g |
| BTIS69V32M40 | D1006598 | 690 V | 460 V | 32M40 A | 1300 A²s | 7400 A²s | 80 kA | 40 kA | 3.2 W | 57.5 g |
| BTIS69V32M50 | E1006599 | 690 V | 460 V | 32M50 A | 2600 A²s | 15000 A²s | 80 kA | 40 kA | 3 W | 57.5 g |
| BTIS69V32M63 | F1006600 | 690 V | 460 V | 32M63 A | 4000 A²s | 23000 A²s | 80 kA | 40 kA | 3 W | 57.5 g |

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# Offset Tag fuse-links gM 690VAC/460VDC

PRODUCT RANGE

BTCP69V63M80

## Type A4 690VAC/460VDC gM BTCP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTCP69V32M36 | K1019277 | 690 V | 460 V | 32M36 A | 700 $A^2s$ | 4500 $A^2s$ | 80 kA | 40 kA | 3.4 W | 82 g |
| BTCP69V32M40 | L1019278 | 690 V | 460 V | 32M40 A | 1300 $A^2s$ | 7400 $A^2s$ | 80 kA | 40 kA | 3.2 W | 82 g |
| BTCP69V32M50 | M1019279 | 690 V | 460 V | 32M50 A | 2600 $A^2s$ | 15000 $A^2s$ | 80 kA | 40 kA | 3 W | 82 g |
| BTCP69V32M63 | N1019280 | 690 V | 460 V | 32M63 A | 4000 $A^2s$ | 23000 $A^2s$ | 80 kA | 40 kA | 3 W | 82 g |
| BTCP69V63M80 | V1006613 | 690 V | 460 V | 63M80 A | 8500 $A^2s$ | 48500 $A^2s$ | 80 kA | 40 kA | 5.1 W | 0.11 kg |
| BTCP69V63M100 | W1006614 | 690 V | 460 V | 63M100 A | 14000 $A^2s$ | 80000 $A^2s$ | 80 kA | 40 kA | 4.7 W | 0.11 kg |
| BTCP69V80M100* | Z1054365 | 690 V | 460 V | 80M100 A | 14000 $A^2s$ | 80000 $A^2s$ | 80 kA | 40 kA | 6 W | 0.11 kg |

** No asta*

# Central Bolted Tag fuse-links gG 690VAC/460VDC

PRODUCT RANGE

BTC69V80

## Type B1 690VAC/460VDC gG BTC 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTC69V80 | B1019775 | 690 V | 460 V | 80 A | 8500 $A^2s$ | 48500 $A^2s$ | 80 kA | 40 kA | 6.5 W | 0.13 kg |
| BTC69V100 | A1006618 | 690 V | 460 V | 100 A | 14000 $A^2s$ | 80000 $A^2s$ | 80 kA | 40 kA | 7.5 W | 0.13 kg |

BTF69V200

## Type B2 690VAC/460VDC gG BTF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTF69V125 | D1006621 | 690 V | 460 V | 125 A | 28000 $A^2s$ | 140000 $A^2s$ | 80 kA | 40 kA | 11.3 W | 0.31 kg |
| BTF69V160 | E1006622 | 690 V | 460 V | 160 A | 60000 $A^2s$ | 300000 $A^2s$ | 80 kA | 40 kA | 14.5 W | 0.31 kg |
| BTF69V200 | F1006623 | 690 V | 460 V | 200 A | 105000 $A^2s$ | 350000 $A^2s$ | 80 kA | 40 kA | 16.2 W | 0.31 kg |

BTKF69V250

## Type B2 690VAC/460VDC gG BTKF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTKF69V250* | P1036991 | 690 V | 460 V | 250 A | 190000 $A^2s$ | 700000 $A^2s$ | 80 kA | 40 kA | 24 W | 0.59 kg |
| BTKF69V315* | Q1036992 | 690 V | 460 V | 315 A | 270000 $A^2s$ | 1350000 $A^2s$ | 80 kA | 40 kA | 31 W | 0.59 kg |

** No asta*

BTMF69V355

## Type B4 690VAC/460VDC gG BTMF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissi-pation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTMF69V250 | J1006626 | 690 V | 460 V | 250 A | 190000 $A^2s$ | 700000 $A^2s$ | 80 kA | 40 kA | 24 W | 0.62 kg |
| BTMF69V315 | K1006627 | 690 V | 460 V | 315 A | 270000 $A^2s$ | 1350000 $A^2s$ | 80 kA | 40 kA | 31 W | 0.62 kg |
| BTMF69V355 | L1006628 | 690 V | 460 V | 355 A | 395000 $A^2s$ | 1975000 $A^2s$ | 80 kA | 40 kA | 32 W | 0.62 kg |
| BTMF69V400 | M1006629 | 690 V | 460 V | 400 A | 505000 $A^2s$ | 2525000 $A^2s$ | 80 kA | 40 kA | 38 W | 0.62 kg |



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# Central Bolted Tag fuse-links gM 690VAC/460VDC

PRODUCT RANGE

BTC69V63M100

## Type B1 690VAC/460VDC gM BTC 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTC69V63M80 | B1006619 | 690 V | 460 V | 63M80 A | 8500 $A^2s$ | 48500 $A^2s$ | 80 kA | 40 kA | 5.1 W | 0.12 kg |
| BTC69V63M100 | C1006620 | 690 V | 460 V | 63M100 A | 14000 $A^2s$ | 80000 $A^2s$ | 80 kA | 40 kA | 4.7 W | 0.12 kg |
| BTC69V80M100* | A1054366 | 690 V | 460 V | 80M100 A | 14000 $A^2s$ | 80000 $A^2s$ | 80 kA | 40 kA | 6 W | 0.12 kg |

** No asta*

## Type B2 690VAC/460VDC gM BTF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTF69V125M160 | G1006624 | 690 V | 460 V | 125M160 A | 60000 $A^2s$ | 300000 $A^2s$ | 80 kA | 40 kA | 11.3 W | 0.31 kg |
| BTF69V125M200 | H1006625 | 690 V | 460 V | 125M200 A | 105000 $A^2s$ | 350000 $A^2s$ | 80 kA | 40 kA | 10.1 W | 0.31 kg |

BTMF69V315M400

## Type B4 690VAC/460VDC gM BTMF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTMF69V315M400 | N1006630 | 690 V | 460 V | 315M400 A | 505000 $A^2s$ | 2525000 $A^2s$ | 80 kA | 40 kA | 30 W | 0.62 kg |

BTM69V315

## Type C1 690VAC/460VDC gG BTM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| BTM69V250 | P1006631 | 690 V | 460 V | 250 A | 190000 $A^2s$ | 700000 $A^2s$ | 80 kA | 40 kA | 24 W | 0.69 kg |
| BTM69V315 | R1006633 | 690 V | 460 V | 315 A | 270000 $A^2s$ | 1350000 $A^2s$ | 80 kA | 40 kA | 31 W | 0.69 kg |
| BTM69V355 | S1006634 | 690 V | 460 V | 355 A | 395000 $A^2s$ | 1975000 $A^2s$ | 80 kA | 40 kA | 32 W | 0.69 kg |
| BTM69V400 | W1006637 | 690 V | 460 V | 400 A | 505000 $A^2s$ | 2525000 $A^2s$ | 80 kA | 40 kA | 38 W | 0.69 kg |

# Central Bolted Tag fuse-links gG 690VAC

PRODUCT RANGE

BTTM69V560

## Type C2 690VAC gG BTTM

| Catalog number | Item number | Rated voltage AC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|
| BTTM69V450 | Y1006639 | 690 V | 69V450 A | 650000 $A^2s$ | 3300000 $A^2s$ | 80 kA | 42 W | 1.11 kg |
| BTTM69V500 | Z1006640 | 690 V | 69V500 A | 850000 $A^2s$ | 4250000 $A^2s$ | 80 kA | 48 W | 1.11 kg |
| BTTM69V560 | A1006641 | 690 V | 69V560 A | 1200000 $A^2s$ | 5800000 $A^2s$ | 80 kA | 50 W | 1.11 kg |
| BTTM69V630 | B1006642 | 690 V | 69V630 A | 1546000 $A^2s$ | 9800000 $A^2s$ | 80 kA | 54 W | 1.11 kg |

BTLM69V670

## Type C3 690VAC gG BTLM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Current rating In M Ich | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight |
|---|---|---|---|---|---|---|---|---|
| BTLM69V670 | D1019271 | 690 V | 69V670 A | 1950 $kA^2s$ | 10100 $kA^2s$ | 80 kA | 60 W | 1.4 kg |
| BTLM69V710 | E1019272 | 690 V | 69V710 A | 2400 $kA^2s$ | 12000 $kA^2s$ | 80 kA | 62 W | 1.4 kg |
| BTLM69V750 | F1019273 | 690 V | 69V750 A | 3000 $kA^2s$ | 14200 $kA^2s$ | 80 kA | 65 W | 1.4 kg |
| BTLM69V800 | G1019274 | 690 V | 69V800 A | 3769 $A^2s$ | 15000 $kA^2s$ | 80 kA | 68 W | 1.4 kg |

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# Fuse-holders for Offset Blade & Central BoltedTag Fuse-links 550V/690V

PRODUCT RANGE

## Type BFF - Fuse-holders for Offset Blade & Central Bolted Tag Fuse-links 550V/690V Front wire connected (front – front)

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connetction | Color | fuse-link type | Mersen neutral-link type | Package |
|---|---|---|---|---|---|---|---|---|
| BFF32F1 | A230138F | 550 | 32 | Front-Front | Black | F1 | BNS55Vxx | 6 |
| BFF32F1G | B1012553F | 550 | 32 | Front-Front | Green | F1 | | 6 |
| BFF32F1W | P239121F | 550 | 32 | Front-Front | White | F1 | BNEUTRALF1 | 6 |
| BFF63F2 | S239124F | 550 | 63 | Front-Front | Black | F2 | BES55Vxx BES42Vxx | 6 |
| BFF63F2G | Z239130F | 550 | 63 | Front-Front | Green | F2 | | 6 |
| BFF63F2W | W239127F | 550 | 63 | Front-Front | White | F2 | BNEUTRALF2 | 6 |
| BFF32A1 | D239088F | 550 | 32 | Front-Front | Black | A1 | BNIT55Vxx | 6 |
| BFF32A1G | K239094F | 550 | 32 | Front-Front | Green | A1 | | 6 |
| BFF32A1W | G239091F | 550 | 32 | Front-Front | White | A1 | BNEUTRALA1 | 6 |
| BFF32A2 | C230140F | 690 | 32 | Front-Front | Black | A2 | BTIA55Vxx BTIA69Vxx | 6 |
| BFF32A2G | Z1012551F | 690 | 32 | Front-Front | Green | A2 | | 6 |
| BFF32A2W | A1012552F | 690 | 32 | Front-Front | White | A2 | BNEUTRALA2 | 6 |
| BFF63A3 | F230143F | 690 | 63 | Front-Front | Black | A3 | BTSS42Vxx BTSDS42Vxx BTSDS42Vxxx BTIS69Vxx | 6 |
| BFF63A3G | Z239107F | 690 | 63 | Front-Front | Green | A3 | | 6 |
| BFF63A3W | W239104F | 690 | 63 | Front-Front | White | A3 | BNEUTRALA3 | 6 |
| BFF125A4 | H230145A | 690 | 125 | Front-Front | Black | A4 | BTSD42Vxxx BTCP42Vxxx BTCP69Vxxx | 1 |
| BFF125A4G | K239117A | 690 | 125 | Front-Front | Green | A4 | | 1 |
| BFF125A4W | D239111A | 690 | 125 | Front-Front | White | A4 | BNEUTRALA4 | 1 |

## Type BBB - Fuse-holders for Offset Blade & Central Bolted Tag Fuse-links 550V/690V Back stud connected (back – back)

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connetction | Color | fuse-link type | Mersen neutral-link type | Package |
|---|---|---|---|---|---|---|---|---|
| BBB32F1 | N239120F | 550 | 32 | Back-Back | Black | F1 | BNS55Vxx | 6 |
| BBB32F1G | V1012547F | 550 | 32 | Back-Back | Green | F1 | | 6 |
| BBB32F1W | Q239122F | 550 | 32 | Back-Back | White | F1 | BNEUTRALF1 | 6 |
| BBB63F2 | T239125F | 550 | 63 | Back-Back | Black | F2 | BES55Vxx BES42Vxx | 6 |
| BBB63F2G | A239131F | 550 | 63 | Back-Back | Green | F2 | | 6 |
| BBB63F2W | X239128F | 550 | 63 | Back-Back | White | F2 | BNEUTRALF2 | 6 |
| BBB32A1 | E239089F | 550 | 32 | Back-Back | Black | A1 | BNIT55Vxx | 6 |
| BBB32A1G | L239095F | 550 | 32 | Back-Back | Green | A1 | | 6 |
| BBB32A1W | H239092F | 550 | 32 | Back-Back | White | A1 | BNEUTRALA1 | 6 |
| BBB32A2 | P1012542F | 690 | 32 | Back-Back | Black | A2 | BTIA55Vxx BTIA69Vxx | 6 |
| BBB32A2G | S1012545F | 690 | 32 | Back-Back | Green | A2 | | 6 |
| BBB32A2W | T1012546F | 690 | 32 | Back-Back | White | A2 | BNEUTRALA2 | 6 |
| BBB63A3 | V239103F | 690 | 63 | Back-Back | Black | A3 | BTSS42Vxx BTSDS42Vxx BTSDS42Vxxx BTIS69Vxx | 6 |
| BBB63A3G | A239108F | 690 | 63 | Back-Back | Green | A3 | | 6 |
| BBB63A3W | X239105F | 690 | 63 | Back-Back | White | A3 | BNEUTRALA3 | 6 |
| BBB125A4 | C239110A | 690 | 125 | Back-Back | Black | A4 | BTSD42Vxxx BTCP42Vxxx BTCP69Vxxx | 1 |
| BBB125A4G | L239118A | 690 | 125 | Back-Back | Green | A4 | | 1 |
| BBB125A4W | E239112A | 690 | 125 | Back-Back | White | A4 | BNEUTRALA4 | 1 |



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# Fuse-holders for Offset Blade & Central BoltedTag Fuse-links 550V/690V

PRODUCT RANGE

## Type BFB - Fuse-holders for Offset Blade & Central Bolted Tag Fuse-links 550V/690V Front Back (busbar) stud connected

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connetction | Color | fuse-link type | Mersen neutral-link type | Package |
|---|---|---|---|---|---|---|---|---|
| BFB32F1 | B230139F | 550 | 32 | Front-Back | Black | F1 | BNS55Vxx | 6 |
| BFB32F1G | Y1012550F | 550 | 32 | Front-Back | Green | F1 | | 6 |
| BFB32F1W | R239123F | 550 | 32 | Front-Back | White | F1 | BNEUTRALF1 | 6 |
| BFB63F2 | V239126F | 550 | 63 | Front-Back | Black | F2 | BES55Vxx BES42Vxx | 6 |
| BFB63F2G | B239132F | 550 | 63 | Front-Back | Green | F2 | | 6 |
| BFB63F2W | Y239129F | 550 | 63 | Front-Back | White | F2 | BNEUTRALF2 | 6 |
| BFB32A1 | F239090F | 550 | 32 | Front-Back | Black | A1 | BNIT55Vxx | 6 |
| BFB32A1G | M239096F | 550 | 32 | Front-Back | Green | A1 | | 6 |
| BFB32A1W | J239093F | 550 | 32 | Front-Back | White | A1 | BNEUTRALA1 | 6 |
| BFB32A2 | D230141F | 690 | 32 | Front-Back | Black | A2 | BTIA55Vxx BTIA69Vxx | 6 |
| BFB32A2G | W1012548F | 690 | 32 | Front-Back | Green | A2 | | 6 |
| BFB32A2W | X1012549F | 690 | 32 | Front-Back | White | A2 | BNEUTRALA2 | 6 |
| BFB63A3 | G230144F | 690 | 63 | Front-Back | Black | A3 | BTSS42Vxx BTSDS42Vxx BTSDS42Vxxx BTIS69Vxx | 6 |
| BFB63A3G | B239109F | 690 | 63 | Front-Back | Green | A3 | | 6 |
| BFB63A3W | Y239106F | 690 | 63 | Front-Back | White | A3 | BNEUTRALA3 | 6 |
| BFB125A4 | J230146A | 690 | 125 | Front-Back | Black | A4 | BTSD42Vxxx BTCP42Vxxx BTCP69Vxxx | 1 |
| BFB125A4G | M239119A | 690 | 125 | Front-Back | Green | A4 | | 1 |
| BFB125A4W | F239113A | 690 | 125 | Front-Back | White | A4 | BNEUTRALA4 | 1 |

## Phenolic Type - Fuse-holders for Offset Blade Fuse-links 550V Front wire connected (front – front) or Back stud connected (back – back)

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connetction | Color | fuse-link type | Mersen fuse-link cat. number | Package |
|---|---|---|---|---|---|---|---|---|
| BNSH32F1 | T1036995F | 550 | 32 | Front-Front | Black | F1 | BNS55Vxx | 6 |
| BNSP32F1 | W1036297F | 550 | 32 | Back-Back | Black | F1 | | 6 |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

# Neutral-links for BS88 fuse-holders for BS88



## Neutral-links for fuse-holders for BS88 fuse-links

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connetction | Color | fuse-link type | Mersen neutral-link type | Package |
|---|---|---|---|---|---|---|---|---|
| BNEUTRALF1 | D239134J | 550 | 32 | - | - | F1 | - | 10 |
| BNEUTRALF2 | E239135J | 550 | 63 | - | - | F2 | - | 10 |
| BNEUTRALA1 | F239136J | 550 | 32 | - | - | A1 | - | 10 |
| BNEUTRALA2 | G239137J | 690 | 32 | - | - | A2 | - | 10 |
| BNEUTRALA3 | H239138J | 690 | 63 | - | - | A3 | - | 10 |
| BNEUTRALA4 | J239139J | 690 | 125 | - | - | A4 | - | 10 |



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# UL – LOW VOLTAGE FUSE SYSTEM

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PRODUCT RANGE

## A4BQ - Time Delay/Class L

**Volts:** 600VAC, 500VDC
**Amps:** AC - 100 to 6000A, DC - 100 to 3000A
**IR:** 200kA I.R. AC, 100kA I.R. DC (Self-certified for 600VAC, 300kA I.R., UL witnessed).

| Catalog Numbers | | | |
|---|---|---|---|
| A4BQ0100 | A4BQ0600 | A4BQ1350 | A4BQ3000 |
| A4BQ0150 | A4BQ0601 | A4BQ1400 | A4BQ3500 |
| A4BQ0200 | A4BQ0650 | A4BQ1500 | A4BQ3800 |
| A4BQ0250 | A4BQ0700 | A4BQ1600 | A4BQ4000 |
| A4BQ0300 | A4BQ0750 | A4BQ1800 | A4BQ5000 |
| A4BQ0350 | A4BQ0800 | A4BQ1900 | A4BQ6000 |
| A4BQ0400 | A4BQ0900 | A4BQ2000 | |
| A4BQ0450 | A4BQ1000 | A4BQ2500 | |
| A4BQ0500 | A4BQ1200 | A4BQ2501 | |

*Note: For remote blown fuse trigger actuator option add "-TA" to end of catalog number. Example: A4BQ1600-TA*

### Recommended Fuse Blocks for Amp-Trap® Class L Fuses

| Fuse Ampere Rating | Catalog Number 600V or Less 3 Pole |
|---|---|
| 100-800 | P48F |
| 801-1200 | P412F |

Catalog number P48F is UL recognized
Catalog number P412F is self-certified

## A4BY - Class L

**Volts:** 600VAC, 300VDC
**Amps:** 200 to 6,000A (AC), 200 to 2,500A (DC)
**IR:** 200kA.I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|---|---|---|---|
| A4BY200 | A4BY700 | A4BY1350 | A4BY2500 |
| A4BY250 | A4BY750 | A4BY1400 | A4BY3000 |
| A4BY300 | A4BY800 | A4BY1500 | A4BY3001 |
| A4BY350 | A4BY801 | A4BY1600 | A4BY3500 |
| A4BY400 | A4BY900 | A4BY1601 | A4BY4000 |
| A4BY450 | A4BY1000 | A4BY1800 | A4BY4001 |
| A4BY500 | A4BY1100 | A4BY2000 | A4BY4500 |
| A4BY600 | A4BY1200 | A4BY2001 | A4BY5000 |
| A4BY601 | A4BY1201 | A4BY2200 | A4BY6000 |
| A4BY650 | | | |

*Note: For optional blown fuse trigger indicator add "-TI" to the end of part number. Example: A4BY1600-TI. Consult factory for availability.*

### Recommended Fuse Blocks for Amp-Trap® Class L Fuses

| Fuse Ampere Rating | Catalog Number 600V or Less 3 Pole |
|---|---|
| 100-800 | P48F |
| 801-1200 | P412F |

Catalog number P48F is UL recognized
Catalog number P412F is self-certified

*A variety of pole configurations and termination provisions are available. Refer to Section FB for details.*

## A4BT - Time Delay/Class L

**Volts:** 600VAC, 500VDC
**Amps:** 200 to 2,000A
**IR:** 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|---|---|---|---|
| A4BT200 | A4BT500 | A4BT800 | A4BT1400 |
| A4BT250 | A4BT600 | A4BT900 | A4BT1500 |
| A4BT300 | A4BT601 | A4BT1000 | A4BT1600 |
| A4BT350 | A4BT650 | A4BT1100 | A4BT1800 |
| A4BT400 | A4BT700 | A4BT1200 | A4BT2000 |
| A4BT450 | A4BT750 | | |

### Recommended Fuse Blocks for Amp-Trap® Class L Fuses

| Fuse Ampere Rating | Catalog Number 600V or Less 3 Pole |
|---|---|
| 100-800 | P48F |
| 801-1200 | P412F |

Catalog number P48F is UL recognized
Catalog number P412F is self-certified

*A variety of pole configurations and termination provisions are available. Refer to Section FB for details.*

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## A2D-R & A6D-R - Time Delay/Class RK1

**A2D-R**
**Volts:** 250VAC/DC
**Amps:** 1/10 to 600A (AC), 15 to 600A (DC)
**IR:** 200kA I.R. AC, 100kA I.R. DC

**A6D-R**
**Volts:** 600VAC/DC
**Amps:** 1/10 to 600A
**IR:** 200kA I.R. AC, 100kA I.R. DC (Self-certified for 300kA I.R., UL witnessed.)

| Catalog Number | | | | | |
|---|---|---|---|---|---|
| 250V | | | 600V | | |
| A2D1/10R | A2D3-1/2R | A2D50R | A6D1/10R | A6D3-1/2R | A6D50R |
| A2D15/100R | A2D4R | A2D60R | A6D15/100R | A6D4R | A6D60R |
| A2D2/10R | A2D4-1/2R | A2D70R | A6D2/10R | A6D4-1/2R | A6D70R |
| A2D3/10R | A2D5R | A2D75R | A6D3/10R | A6D5R | - |
| A2D4/10R | A2D5-6/10R | A2D80R | A6D4/10R | A6D5-6/10R | A6D80R |
| A2D1/2R | A2D6R | A2D90R | A6D1/2R | A6D6R | A6D90R |
| A2D6/10R | A2D6-1/4R | A2D100R | A6D6/10R | A6D6-1/4R | A6D100R |
| A2D8/10R | A2D7R | A2D110R | A6D8/10R | A6D7R | A6D110R |
| A2D1R | A2D8R | A2D125R | A6D1R | A6D8R | A6D125R |
| A2D1-1/8R | A2D9R | A2D150R | A6D1-1/8R | A6D9R | A6D150R |
| A2D1-1/4R | A2D10R | A2D175R | A6D1-1/4R | A6D10R | A6D175R |
| A2D1-4/10R | A2D12R | A2D200R | A6D1-4/10R | A6D12R | A6D200R |
| A2D1-6/10R | A2D15R | A2D225R | A6D1-6/10R | A6D15R | A6D225R |
| A2D1-8/10R | A2D17-1/2R | A2D250R | A6D1-8/10R | A6D17-1/2R | A6D250R |
| A2D2R | A2D20R | A2D300R | A6D2R | A6D20R | A6D300R |
| A2D2-1/4R | A2D25R | A2D350R | A6D2-1/4R | A6D25R | A6D350R |
| A2D2-1/2R | A2D30R | A2D400R | A6D2-1/2R | A6D30R | A6D400R |
| A2D2-8/10R | A2D35R | A2D450R | A6D2-8/10R | A6D35R | A6D450R |
| A2D3R | A2D40R | A2D500R | A6D3R | A6D40R | A6D500R |
| A2D3-2/10R | A2D45R | A2D600R | A6D3-2/10R | A6D45R | A6D600R |

*Note: SmartSpot visual indicator is not available (1/10-7A)*

## Recommended Fuse Blocks With Box Connectors for Amp-Trap® Class RK1 Fuses

| Catalog Number | | | |
|---|---|---|---|
| 250V or Less | | 600V or Less | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 20306R | 20308R | 60306R | 60308R |
| 20606R | 20608R | 60606R | 60608R |
| 21036R | 21038R | 61036R | 61038R |
| 22001R | 22003R | 62001R | 62003R |
| 24001R | 24003R | 64001R | 64003R |
| 2631R | 2633R | 6631R | 6633R |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



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PRODUCT RANGE

## A2K-R & A6K-R - Fast Acting/Class RK1

**A2K-R**
**Volts:** 250VAC/DC
**Amps:** 1 to 600A
**IR:** 200kA I.R. AC, 20kA I.R. DC

**A6K-R**
**Volts:** 600VAC / 300VDC
**Amps:** 1 to 600A
**IR:** 200kA I.R. AC, 20kA I.R. DC

| Catalog Number | | | | | |
|---|---|---|---|---|---|
| 250V | | | 600V | | |
| A2K1R | A2K35R | A2K175R | A6K1R | A6K35R | A6K175R |
| A2K3R | A2K40R | A2K200R | A6K3R | A6K40R | A6K200R |
| - | A2K45R | A2K225R | A6K4R | A6K45R | A6K225R |
| A2K5R | A2K50R | A2K250R | A6K5R | A6K50R | A6K250R |
| A2K6R | A2K60R | A2K300R | A6K6R | A6K60R | A6K300R |
| - | A2K70R | A2K350R | A6K8R | A6K70R | A6K350R |
| A2K10R | A2K80R | A2K400R | A6K10R | A6K80R | A6K400R |
| A2K15R | A2K100R | A2K500R | A6K15R | A6K100R | A6K500R |
| A2K20R | A2K110R | A2K600R | A6K20R | A6K110R | A6K600R |
| A2K25R | A2K125R | - | A6K25R | A6K125R | - |
| A2K30R | A2K150R | - | A6K30R | A6K150R | - |

## Recommended Fuse Blocks With Box Connectors for Amp-Trap® Class RK1 Fuses

| Catalog Number | | | |
|---|---|---|---|
| 250V | | 600V | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 20306R | 20308R | 60306R | 60308R |
| 20606R | 20608R | 60606R | 60608R |
| 21036R | 21038R | 61036R | 61038R |
| 22001R | 22003R | 62001R | 62003R |
| 24001R | 24003R | 64001R | 64003R |
| 2631R | 2633R | 6631R | 6633R |
| *A variety of pole configurations and termination provisions are available. Refer to Section FB for details.* | | | |

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## TR-R & TRS-R - Time Delay/Class RK5

**TR-R**
**Volts:** 250VAC; 250VDC (.1-2.8A; 35-400A); 160VDC (3-30A; 450-600A)
**Amps:** 1/10 to 600A
**IR:** 200kA I.R. AC / 20kA I.R. DC

**TRS-R**
**Volts:** 600VAC; 600VDC (.1-12A; 70-600A); 300VDC (15-60A)
**Amps:** 1/10 to 600A
**IR:** 200kA I.R. AC; 1/10A to 60A -> 20kA I.R. DC; 70A to 600A -> 100kA I.R. DC

| Catalog Number | | | | | |
|---|---|---|---|---|---|
| 250V | | | 600V | | |
| TR1/10R* | TR3-1/2R* | TR50R | TRS1/10R* | TRS3-1/2R* | TRS50R |
| TR15/100R* | TR4R* | TR60R | TRS15/100R* | TRS4R* | TRS60R |
| TR2/10R* | TR4-1/2R* | TR70R | TRS2/10R* | TRS4-1/2R* | TRS70R |
| TR3/10R* | TR5R* | TR75R* | TRS3/10R* | TRS5R* | TRS75R* |
| TR4/10R* | TR5-6/10R* | TR80R | TRS4/10R* | TRS5-6/10R* | TRS80R |
| TR1/2R* | TR6R* | TR90R | TRS1/2R* | TRS6R* | TRS90R |
| TR6/10R* | TR6-1/4R* | TR100R | TRS6/10R* | TRS6-1/4R* | TRS100R |
| TR8/10R* | TR7R* | TR110R | TRS8/10R* | TRS7R* | TRS110R |
| TR1R* | TR8R | TR125R | TRS1R* | TRS8R | TRS125R |
| TR1-1/8R* | TR9R | TR150R | TRS1-1/8R* | TRS9R | TRS150R |
| TR1-1/4R* | TR10R | TR175R | TRS1-1/4R* | TRS10R | TRS175R |
| TR1-4/10R* | TR12R | TR200R | TRS1-4/10R* | TRS12R | TRS200R |
| TR1-6/10R* | TR15R | TR225R | TRS1-6/10R* | TRS15R | TRS225R |
| TR1-8/10R* | TR17-1/2R | TR250R | TRS1-8/10R* | TRS17-1/2R | TRS250R |
| TR2R* | TR20R | TR300R | TRS2R* | TRS20R | TRS300R |
| TR2-1/4R* | TR25R | TR350R | TRS2-1/4R* | TRS25R | TRS350R |
| TR2-1/2R* | TR30R | TR400R | TRS2-1/2R* | TRS30R | TRS400R |
| TR2-8/10R* | TR35R | TR450R | TRS2-8/10R* | TRS35R | TRS450R |
| TR3R* | TR40R | TR500R | TRS3R* | TRS40R | TRS500R |
| TR3-2/10R* | TR45R | TR600R | TRS3-2/10R* | TRS45R | TRS600R |

*Note: Optional blown fuse visual indication available. To order, place "ID" at the end of the catalog number. Example: #TRS30RID*
** Not available with optional blow fuse indicator.*
*Tin plated end caps are available on Non-ID fuses less than 60A. Example Part # TRP30R, TRSP30R*

## Recommended Fuse Blocks With Box Connectors For Tri-Onic® Class RK5 Fuses

| Catalog Number | | | |
|---|---|---|---|
| 250V | | 600V | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 20306R | 20308R | 60306R | 60308R |
| 20606R | 20608R | 60606R | 60608R |
| 21036R | 21038R | 61036R | 61038R |
| 22001R | 22003R | 62001R | 62003R |
| 24001R | 24003R | 64001R | 64003R |
| 2631R | 2633R | 6631R | 6633R |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



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PRODUCT RANGE

## TRS-RDC - Time Delay/Class RK5

**Volts:** 300VDC (0.1 to 30A); 600VDC (35 to 400A)
**Amps:** 1/10 to 400A
**IR:** 20kA I.R. DC

| Catalog Numbers | | | |
|---|---|---|---|
| TRS1/10RDC | TRS1-8/10RDC | TRS6-1/4RDC | TRS60RDC |
| TRS15/100RDC | TRS2RDC | TRS8RDC | TRS70RDC |
| TRS2/10RDC | TRS2-1/4RDC | TRS9RDC | TRS80RDC |
| TRS3/10RDC | TRS2-1/2RDC | TRS10RDC | TRS90RDC |
| TRS4/10RDC | TRS2-8/10RDC | TRS12RDC | TRS100RDC |
| TRS1/2RDC | TRS3RDC | TRS15RDC | TRS125RDC |
| TRS6/10RDC | TRS3-2/10RDC | TRS17-1/2RDC | TRS150RDC |
| TRS8/10RDC | TRS3-1/2RDC | TRS20RDC | TRS175RDC |
| TRS1RDC | TRS4RDC | TRS30RDC | TRS200RDC |
| TRS1-1/8RDC | TRS4-1/2RDC | TRS35RDC | TRS250RDC |
| TRS1-1/4RDC | TRS5RDC | TRS40RDC | TRS300RDC |
| TRS1-4/10RDC | TRS5-6/10RDC | TRS45RDC | TRS400RDC |
| TRS1-6/10RDC | TRS6RDC | TRS50RDC | - |

## Recommended Fuse Blocks With Box Connectors For Tri-Onic® Class RK5 Fuses

| Catalog Number | | | |
|---|---|---|---|
| 250V | | 600V | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 20306R | 20308R | 60306R | 60308R |
| 20606R | 20608R | 60606R | 60608R |
| 21036R | 21038R | 61036R | 61038R |
| 22001R | 22003R | 62001R | 62003R |
| 24001R | 24003R | 64001R | 64003R |

*A variety of pole configurations and termination provisions are available. Refer to Section FB for details.*

## AJT - Time Delay/Class J

**Volts:** 600VAC or less, 500VDC or less
**Amps:** 1 to 600A
**IR:** 200kA I.R. AC, 100kA I.R. DC (Self-certified for 600VAC, 300kA I.R., UL witnessed).

| Catalog Numbers | | | |
|---|---|---|---|
| AJT1 | AJT4-1/2 | AJT25 | AJT125 |
| AJT1-1/4 | AJT5 | AJT30 | AJT150 |
| AJT1-1/2 | AJT5-6/10 | AJT35 | AJT175 |
| AJT1-6/10 | AJT6 | AJT40 | AJT200 |
| AJT1-8/10 | AJT6-1/4 | AJT45 | AJT225 |
| AJT2 | AJT7 | AJT50 | AJT250 |
| AJT2-1/4 | AJT8 | AJT60 | AJT300 |
| AJT2-1/2 | AJT9 | AJT70 | AJT350 |
| AJT2-8/10 | AJT10 | AJT80 | AJT400 |
| AJT3 | AJT12 | AJT90 | AJT450 |
| AJT3-2/10 | AJT15 | AJT100 | AJT500 |
| AJT3-1/2 | AJT17-1/2 | AJT110 | AJT600 |
| AJT4 | AJT20 | | |

*Note: SmartSpot visual indicator is not available (1-7A)*

## Recommended Fuse Blocks With Box Connectors For Amp-Trap® Class J Fuses

| Catalog Number | |
|---|---|
| 600V or Less | |
| 1 Pole | 3 Pole |
| US3J1I | US3J3I |
| US6J1I | US6J3I |
| 61036J | 61038J |
| 62001J | 62003J |
| 64031J | 64033J |
| 6631J | 6633J |

*A variety of pole configurations and termination provisions are available. Refer to Section FB for details.*

## AJT Reducer Fuses- Time Delay/Class J

**Volts:** 600VAC, 500VDC
**Amps:** 125 to 200A (in 400A body), 250 to 400A (in 600A body)
**IR:** 200kA I.R. AC, 100kA I.R. DC (Self-certified for 600VAC, 300kA I.R., UL witnessed)

| Catalog Numbers | Amp Rating | Body Size |
|---|---|---|
| AJT125/400 | 125A | 400A |
| AJT150/400 | 150A | |
| AJT175/400 | 175A | |
| AJT200/400 | 200A | |
| AJT250/600 | 250A | 600A |
| AJT300/600 | 300A | |
| AJT350/600 | 350A | |
| AJT400/600 | 400A | |

## Recommended Fuse Blocks With Box Connectors For Amp-Trap® Class J Fuses

| Catalog Number | |
|---|---|
| 600V or Less | |
| 1 Pole | 3 Pole |
| 64031J | 64033J |
| 6631J | 6633J |

*A variety of pole configurations and termination provisions are available. Refer to Section FB for details.*

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PRODUCT RANGE

## HSJ - High Speed/Class J

**Volts:** 600VAC, 500VDC
**Amps:** 1 to 600A (AC), 15 to 600A (DC)
**IR:** 200kA I.R. AC, 100kA I.R. DC, L/R =10mS or less
(Self Certified for 600VAC, 300kA I.R., UL witnessed.)

| Catalog Numbers | | | |
|---|---|---|---|
| HSJ1 | HSJ30 | HSJ90 | HSJ250 |
| HSJ3 | HSJ35 | HSJ100 | HSJ300 |
| HSJ6 | HSJ40 | HSJ110 | HSJ350 |
| HSJ10 | HSJ45 | HSJ125 | HSJ400 |
| HSJ15 | HSJ50 | HSJ150 | HSJ450 |
| HSJ17-1/2 | HSJ60 | HSJ175 | HSJ500 |
| HSJ20 | HSJ70 | HSJ200 | HSJ600 |
| HSJ25 | HSJ80 | HSJ225 | |

## Recommended Fuse Blocks With Box Connectors For Amp-Trap® Class J Fuses

| Catalog Number 600V or Less | |
|---|---|
| 1 Pole | 3 Pole |
| US3J1I | US3J3I |
| US6J1I | US6J3I |
| 61036J | 61038J |
| 62001J | 62003J |
| 64031J | 64033J |
| 6631J | 6633J |

*A variety of pole configurations and termination provisions are available. Refer to Section FB for details.*

## A4J - Fast Acting/Class J

**Volts:** 600VAC, 300VDC
**Amps:** 1 to 600A
**IR:** 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|---|---|---|---|
| A4J1 | A4J35 | A4J90 | A4J250 |
| A4J3 | A4J40 | A4J100 | A4J300 |
| A4J6 | A4J45 | A4J110 | A4J350 |
| A4J10 | A4J50 | A4J125 | A4J400 |
| A4J15 | A4J60 | A4J150 | A4J450 |
| A4J20 | A4J70 | A4J175 | A4J500 |
| A4J25 | A4J75 | A4J200 | A4J600 |
| A4J30 | A4J80 | A4J225 | |

## Recommended Fuse Blocks With Box Connectors For Amp-Trap® Class J Fuses

| Catalog Number 600V or Less | |
|---|---|
| 1 Pole | 3 Pole |
| US3J1I | US3J3I |
| US6J1I | US6J3I |
| 61036J | 61038J |
| 62001J | 62003J |
| 64031J | 64033J |
| 6631J | |

*A variety of pole configurations and termination provisions are available. Refer to Section FB for details.*

## US3J & US6J UltraSafe™ Class J Fuse Holders

**Volts:** 600VAC/DC
**Amps:** US3J - 30A Maximum, US6J - 60A Maximum
**SCCR:** 200kA

Min. voltage to operate indicator light:
90VAC, 115VDC (Less than 0.7 mA leakage current at 600V)

| Catalog Numbers | |
|---|---|
| US3J1 | US3J1I |
| US3J2 | US3J2I |
| US3J3 | US3J3I |
| US6J1 | US6J1I |
| US6J2 | US6J2I |
| US6J3 | US6J3I |

## ACCESSORIES

| Catalog Number | |
|---|---|
| US3JN | US6JN |
| US3JPAK | US6JPAK |



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PRODUCT RANGE

## ATDR - Time Delay/Class CC

**Volts:** 600VAC, 300VDC
**Amps:** 1/4 to 30A
**IR:** 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | | |
|---|---|---|---|---|
| ATDR1/4 | ATDR1-1/2 | ATDR3 | ATDR6 | ATDR12 |
| ATDR1/2 | ATDR1-6/10 | ATDR3-2/10 | ATDR6-1/4 | ATDR15 |
| ATDR8/10 | ATDR1-8/10 | ATDR3-1/2 | ATDR7 | ATDR17-1/2 |
| ATDR1 | ATDR2 | ATDR4 | ATDR7-1/2 | ATDR20 |
| ATDR1-1/8 | ATDR2-1/4 | ATDR4-1/2 | ATDR8 | ATDR25 |
| ATDR1-1/4 | ATDR2-1/2 | ATDR5 | ATDR9 | ATDR30 |
| ATDR1-4/10 | ATDR2-8/10 | ATDR5-6/10 | ATDR10 | - |

### Recommended Fuse Blocks For Class CC Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector w/ Double Quick Connects | Pressure Plate Connector w/ Double Quick Connects | Copper Box Connector |
| 30310R | 30320R | 30350R |
| 30311R | 30321R | 30351R |
| 30312R | 30322R | 30352R |
| 30313R | 30323R | 30353R |
| - | - | - |

## ATQR - Time Delay/Class CC

**Volts:** 600VAC (1/10-30A), 300VDC (3-2/10 – 30A)
**Amps:** 1/10 to 30A
**IR:** 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|---|---|---|---|
| ATQR1/10 | ATQR8/10 | ATQR2-8/10 | ATQR7-1/2 |
| ATQR1/8 | ATQR1 | ATQR3 | ATQR8 |
| ATQR3/16 | ATQR1-1/8 | ATQR3-2/10 | ATQR9 |
| ATQR2/10 | ATQR1-1/4 | ATQR3-1/2 | ATQR10 |
| ATQR1/4 | ATQR1-4/10 | ATQR4 | ATQR12 |
| ATQR3/10 | ATQR1-1/2 | ATQR4-1/2 | ATQR15 |
| ATQR4/10 | ATQR1-6/10 | ATQR5 | ATQR17-1/2 |
| ATQR1/2 | ATQR1-8/10 | ATQR5-6/10 | ATQR20 |
| ATQR6/10 | ATQR2 | ATQR6 | ATQR25 |
| ATQR3/4 | ATQR2-1/4 | ATQR6-1/4 | ATQR30 |
| - | ATQR2-1/2 | ATQR7 | - |

### Recommended Fuse Blocks For Class CC Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector w/ Double Quick Connects | Pressure Plate Connector w/ Double Quick Connects | Copper Box Connector |
| 30310R | 30320R | 30350R |
| 30311R | 30321R | 30351R |
| 30312R | 30322R | 30352R |
| 30313R | 30323R | 30353R |
| - | - | - |

## ATMR - Fast Acting/Class CC

**Volts:** 600VAC / DC
**Amps:** 1/10 to 30A
**IR:** 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|---|---|---|---|
| ATMR1/10 | ATMR1 | ATMR4 | ATMR10 |
| ATMR1/8 | ATMR1-1/4 | ATMR5 | ATMR12 |
| ATMR2/10 | ATMR1-1/2 | ATMR6 | ATMR15 |
| ATMR1/4 | ATMR2 | ATMR7 | ATMR20 |
| ATMR3/10 | ATMR2-1/2 | ATMR8 | ATMR25 |
| ATMR1/2 | ATMR3 | ATMR9 | ATMR30 |
| ATMR3/4 | ATMR3-1/2 | - | - |

### Recommended Fuse Blocks For Amp-Trap® Class CC Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector w/ Double Quick Connects | Pressure Plate Connector w/ Double Quick Connects | Copper Box Connector |
| 30310R | 30320R | 30350R |
| 30311R | 30321R | 30351R |
| 30312R | 30322R | 30352R |
| 30313R | 30323R | 30353R |
| - | - | - |

*A variety of pole configurations and termination provisions are available. Refer to Section FB for details.*

ACCESSORIES

## Modulostar™ CUSCC

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| Without indicator | | | With standard indicator | | |
| CUSCC1 | CUSCC2 | CUSCC3N | CUSCC1I | CUSCC2I | CUSCC3NI |
| CUSCC1N | CUSCC3 | CUSCC4 | CUSCC1NI | CUSCC3I | CUSCC4I |

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PRODUCT RANGE

## AG - Class G

**Volts:** 600VAC (1/2 to 20A), 480VAC (25 to 60A)
**Amps:** 1/2 to 60A
**IR:** 100kA I.R. AC

| Catalog Numbers | | | | | | |
|---|---|---|---|---|---|---|
| AG1/2 | AG2 | AG5 | AG10 | AG25 | AG40 | AG50 |
| AG1 | AG3 | AG6 | AG15 | AG30 | AG45 | AG60 |
| AG1-1/2 | AG4 | AG8 | AG20 | AG35 | | |

## OT/OTN/OTS - Class K-5

**OT**
**Volts:** 250VAC / DC
**Amps:** 1 to 600A
**IR:** 50kA I.R. AC, 20kA I.R. DC

**OTN (Canada)***
**Volts:** 250VAC
**Amps:** 15 to 60A
**IR:** 50kA I.R. AC

**OTS**
**Volts:** 600VAC / 300VDC
**Amps:** 1 to 600A
**IR:** 50kA I.R. AC, 20kA I.R. DC

**The Canadian Electrical Code requires these fuses in ratings 15 through 60A to be of the low melting point design; use OTN 15-60.*

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| 250V | | | 600V | | |
| OT1 | OT30, OTN30* | OT125 | OTS1 | OTS30 | OTS125 |
| OT2 | OT35, OTN35* | OT150 | OTS2 | OTS35 | OTS150 |
| OT3 | OT40, OTN40* | OT175 | OTS3 | OTS40 | OTS175 |
| OT4 | OT45, OTN45* | OT200 | OTS4 | OTS45 | OTS200 |
| OT5 | OT50, OTN50* | OT225 | OTS5 | OTS50 | OTS225 |
| OT6 | OT60, OTN60* | OT250 | OTS6 | OTS60 | OTS250 |
| OT7 | OT65 | OT300 | - | - | OTS300 |
| OT8 | OT70 | OT350 | OTS8 | OTS70 | OTS350 |
| OT10 | OT75 | OT400 | OTS10 | OTS75 | OTS400 |
| OT12 | OT80 | OT450 | OTS12 | OTS80 | OTS450 |
| OT15, OTN15* | OT90 | OT500 | OTS15 | OTS90 | OTS500 |
| OT20, OTN20* | OT100 | OT600 | OTS20 | OTS100 | OTS600 |
| OT25, OTN25* | OT110 | - | OTS25 | OTS110 | - |
| ** In Canada* | | | | | |

### Recommended Fuse Blocks With Box Connectors For One-Time Class K-5 Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector w/ Double Quick Connects | Pressure Plate Connector w/ Double Quick Connects | Copper Box Connector |
| 30310R | 30320R | 30350R |
| 30311R | 30321R | 30351R |
| 30312R | 30322R | 30352R |
| 30313R | 30323R | 30353R |
| - | - | - |

## A3T & A6T - Fast Acting/Class T

**A3T**
**Volts:** 300VAC / 160VDC
**Amps:** 1 to 1200A
**IR:** 200kA I.R. AC, 50kA I.R. DC

**A6T**
**Volts:** 600VAC / 300VDC
**Amps:** 1 to 800A
**IR:** 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| 250V | | | 600V | | |
| A3T1 | A3T60 | A3T300 | A6T1 | A6T60 | A6T300 |
| A3T3 | A3T70 | A3T350 | A6T3 | A6T70 | A6T350 |
| A3T6 | A3T80 | A3T400 | A6T6 | A6T80 | A6T400 |
| A3T10 | A3T90 | A3T450 | A6T10 | A6T90 | A6T450 |
| A3T15 | A3T100 | A3T500 | A6T15 | A6T100 | A6T500 |
| A3T20 | A3T110 | A3T600 | A6T20 | A6T110 | A6T600 |
| A3T25 | A3T125 | A3T700 | A6T25 | A6T125 | A6T700 |
| A3T30 | A3T150 | A3T800 | A6T30 | A6T150 | A6T800 |
| A3T35 | A3T175 | A3T1000 | A6T35 | A6T175 | - |
| A3T40 | A3T200 | A3T1200 | A6T40 | A6T200 | - |
| A3T45 | A3T225 | - | A6T45 | A6T225 | - |
| A3T50 | A3T250 | - | A6T50 | A6T250 | - |

### Recommended Fuse Blocks With Box Connectors for Amp-Trap® Class T Fuses

| Catalog Number | | | |
|---|---|---|---|
| 300V | | 600V | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 30306T | 30308T | 60306T | 60308T |
| 30606T | 30608T | 60606T | 60608T |
| 31001T | 31003T | 61031T | 61033T |
| 32031T | 32033T | 62031T | 62033T |
| 34031T | 34033T | 64031T | - |
| 36031T | - | 66031T | - |
| *A variety of pole configurations and termination provisions are available. Refer to Section FB for details.* | | | |



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PRODUCT RANGE

## Class C - Canadian Fuses

**Volts:** 600VAC, 460VDC, 450VDC, 350VDC
**Amps:** 2 to 600A
**I.R.:** 200kA I.R. AC (2-600A), 40kA I.R. DC
**460VDC:** FES (2-60A), FESF (250-400A), FESC (250-400A)
**450VDC:** FESC (450-600A)
**350VDC:** FES (80-100A, FESC (80-200A)

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| FES2 | FES25 | FES100 | FESC100 | FESF300 | FESC350 |
| FES4 | FES30 | FES125 | FESC125 | FESF350 | FESC400 |
| FES6 | FES40 | FES150 | FESC150 | FESF400 | FESC450 |
| FES10 | FES50 | FES200 | FESC200 | FESC250 | FESC500 |
| FES15 | FES60 | FESC80 | FESF250 | FESC300 | FESC600 |
| FES20 | FES80 | - | - | - | - |

## NRN/NRS Class H - Canadian Fuses

**Volts:** 600VAC, 460VDC, 450VDC, 350VDC
**Amps:** 2 to 600A
**I.R.:** 200kA I.R. AC (2-600A), 40kA I.R. DC
**460VDC:** FES (2-60A), FESF (250-400A), FESC (250-400A)
**450VDC:** FESC (450-600A)
**350VDC:** FES (80-100A, FESC (80-200A)

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| 250V Fuse Ampere Ratings | | | 600V Fuse Ampere Ratings | | |
| NRN1 | NRN35* | NRN150 | NRS1 | NRS35 | NRS150 |
| NRN2 | NRN40* | NRN175 | NRS2 | NRS40 | NRS175 |
| NRN3 | NRN45* | NRN200 | NRS3 | NRS45 | NRS200 |
| NRN4 | NRN50* | NRN250 | NRS4 | NRS50 | NRS250 |
| NRN5 | NRN60* | NRN250 | NRS5 | NRS60 | NRS250 |
| NRN6 | NRN70 | NRN300 | NRS6 | NRS70 | NRS300 |
| NRN10 | NRN80 | NRN350 | NRS10 | NRS80 | NRS350 |
| NRN15* | NRN90 | NRN400 | NRS15 | NRS90 | NRS400 |
| NRN20* | NRN100 | NRN450 | NRS20 | NRS100 | NRS450 |
| NRN25* | NRN110 | NRN500 | NRS25 | NRS110 | NRS500 |
| NRN30* | NRN125 | NRN600 | NRS30 | NRS125 | NRS600 |
| ** CSA Type "P"* | | | | | |

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PRODUCT RANGE

## CRN/CRS Class H - Canadian Fuses

**CRN**
**Volts:** 250VAC
**Amps:** 15 to 600A
**I.R.:** 10kA I.R. AC

**CRS**
**Volts:** 600VAC
**Amps:** 15 to 600A
**I.R.:** 10kA I.R. AC

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| 250V Fuse Ampere Ratings* | | | 600V Fuse Ampere Ratings** | | |
| CRN15 | CRN60 | CRN200 | CRS15 | CRS60 | CRS200 |
| CRN17-1/2 | CRN70 | CRN225 | CRS17-1/2 | CRS70 | CRS225 |
| CRN20 | CRN80 | CRN250 | CRS20 | CRS80 | CRS250 |
| CRN25 | CRN90 | CRN300 | CRS25 | CRS90 | CRS300 |
| CRN30 | CRN100 | CRN350 | CRS30 | CRS100 | CRS350 |
| CRN35 | CRN110 | CRN400 | CRS35 | CRS110 | CRS400 |
| CRN40 | CRN125 | CRN450 | CRS40 | CRS125 | CRS450 |
| CRN45 | CRN150 | CRN500 | CRS45 | CRS150 | CRS500 |
| CRN50 | CRN175 | CRN600 | CRS50 | CRS175 | CRS600 |
| ** For 1/10 - 12A ratings use Tri-onic TR-R.* | | | *** For 1/10 - 12 ratings use Tri-onic TRS-R.* | | |

ACCESSORIES

## Fuse Pullers/Clip Clamps

| Catalog Numbers | | |
|---|---|---|
| 34-001G | 32-002G | 32-007G |
| 34-002G | 32-003G | 34-015G |
| 34-003G | 32-004G | 34-016G |
| 32-001G | 32-005G | |
| 32-002G | 32-006G* | |
| ** Wide jaws permit clamping split clips.* | | |

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PRODUCT RANGE

## ATQ - Time-Delay Midget Fuses

**Volts:** 500VAC
**Amps:** 1/10 to 30A
**I.R.:** 10kA I.R

| Catalog Numbers | | | |
|---|---|---|---|
| ATQ1/10 | ATQ1-1/8 | ATQ3-2/10 | ATQ12 |
| ATQ1/8 | ATQ1-1/4 | ATQ3-1/2 | ATQ14 |
| ATQ15/100 | ATQ1-4/10 | ATQ4 | ATQ15 |
| ATQ3/16 | ATQ1-1/2 | ATQ4-1/2 | ATQ20 |
| ATQ2/10 | ATQ1-6/10 | ATQ5 | ATQ25 |
| ATQ1/4 | ATQ1-8/10 | ATQ5-6/10 | ATQ30 |
| ATQ3/10 | ATQ2 | ATQ6 | - |
| ATQ4/10 | ATQ2-1/8 | ATQ6-1/4 | - |
| ATQ1/2 | ATQ2-1/4 | ATQ7 | - |
| ATQ6/10 | ATQ2-1/2 | ATQ8 | - |
| ATQ8/10 | ATQ2-8/10 | ATQ9 | - |
| ATQ1 | ATQ3 | ATQ10 | - |

### Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |

## ATM - Fast-Acting Midget Fuses

**Volts:** 600VAC / DC
**Amps:** 1/10 to 30A (35 to 50A AC only)
**I.R.:** 100kA I.R.; 10kA I.R. AC (35 to 50A)

| Catalog Numbers | | |
|---|---|---|
| ATM1/10 | ATM2 | ATM12 |
| ATM1/8 | ATM3 | ATM15 |
| ATM2/10 | ATM4 | ATM20 |
| ATM1/4 | ATM5 | ATM25 |
| ATM1/2 | ATM6 | ATM30 |
| ATM3/4 | ATM7 | ATM30/35* |
| ATM1 | ATM8 | ATM30/40* |
| ATM1-1/2 | ATM10 | ATM30/50* |
| ** Are not continuous current rated devices* | | |

### Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |

## TRM - Time-Delay Midget Fuses

**Volts:** 250VAC
**Amps:** 1/10 to 30A
**I.R.:** 10kA I.R.

| Catalog Numbers | | | |
|---|---|---|---|
| TRM1/10 | TRM1-1/8 | TRM3-2/10 | TRM9 |
| TRM15/100 | TRM1-1/4 | TRM3-1/2 | TRM10 |
| TRM2/10 | TRM1-4/10 | TRM4 | TRM12 |
| TRM1/4 | TRM1-6/10 | TRM4-1/2 | TRM15 |
| TRM3/10 | TRM1-8/10 | TRM5 | TRM20 |
| TRM4/10 | TRM2 | TRM5-6/10 | TRM25 |
| TRM1/2 | TRM2-1/4 | TRM6 | TRM30 |
| TRM6/10 | TRM2-1/2 | TRM6-1/4 | - |
| TRM8/10 | TRM2-8/10 | TRM7 | - |
| TRM1 | TRM3 | TRM8 | - |

### Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |

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PRODUCT RANGE

## OTM - Fast-Acting Midget Fuses

**Volts:** 250VAC
**Amps:** 1 to 30A
**I.R.:** 10kA I.R.

| Catalog Numbers | | |
|---|---|---|
| OTM1 | OTM5 | OTM15 |
| OTM2 | OTM6 | OTM20 |
| OTM3 | OTM8 | OTM25 |
| OTM4 | OTM10 | OTM30 |

### Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |

## DCT - Special Purpose Midget Fuses

**Volts:** 750VAC, 1000VDC
**Amps:** 1 to 30A
**I.R.:** 100kA I.R. AC, 50kA I.R. DC
**MBC:** 2.0 x In (AC); 1.3 x In (DC : 1 - 7A); 2.0 x In (DC : 8 - 30A)
**L/R:** 1mS

| Catalog Numbers | | |
|---|---|---|
| DCT1-2 | DCT6-2 | DCT15-2 |
| DCT2-2 | DCT7-2 | DCT20-2 |
| DCT3-2 | DCT8-2 | DCT25-2 |
| DCT4-2 | DCT10-2 | DCT30-2 |
| DCT5-2 | DCT12-2 | - |

### Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |

## FSM - Multi-Meter Fuse

**Volts:** 1000VAC / DC
**Amps:** 44/100A, 11A, 15A
**I.R.:** 20kA I.R.

| Catalog Numbers | | |
|---|---|---|
| FSM44/100 | FSM11 | FSM15 |

## GGU - Fast-Acting Midget Fuses

**Volts:** 125VAC
**Amps:** 1 to 30A
**I.R.:** 10kA I.R.

| Catalog Numbers | | |
|---|---|---|
| GGU1 | GGU4 | GGU10 |
| GGU2 | GGU5 | GGU20 |
| GGU3 | GGU8 | GGU30 |

### Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |



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PRODUCT RANGE

## GFN Time-Delay Midget Fuses

**Volts:** 250VAC (0.1 - 10A), 125VAC (12 - 15A), 32VAC (20 - 30A)
**Amps:** 1/10 to 30A
**I.R.:** 200kA I.R., 250VAC, 0.1-10A, 10kA I.R., 125VAC, 0.1-15A, 10kA I.R., 32VAC, 20-30A

| Catalog Numbers | | | |
|---|---|---|---|
| GFN1/10 | GFN1 | GFN2-8/10 | GFN7 |
| GFN1/8 | GFN1-1/8 | GFN3 | GFN8 |
| GFN15/100 | GFN1-1/4 | GFN3-2/10 | GFN10 |
| GFN2/10 | GFN1-4/10 | GFN3-1/2 | GFN12* |
| GFN1/4 | GFN1-1/2 | GFN4 | GFN15* |
| GFN3/10 | GFN1-6/10 | GFN4-1/2 | GFN20* |
| GFN4/10 | GFN1-8/10 | GFN5 | GFN25* |
| GFN1/2 | GFN2 | GFN5-6/10 | GFN30* |
| GFN6/10 | GFN2-1/4 | GFN6 | |
| GFN8/10 | GFN2-1/2 | GFN6-1/4 | |
| **Note: 12-30A is a double barrel fuse construction* | | | |

## Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|---|---|---|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |

## SBS - Fast-Acting Ferrule Fuses

**Volts:** 600VAC
**Amps:** 2/10 to 30A
**I.R.:** 100kA I.R.

| Catalog Numbers | | | |
|---|---|---|---|
| SBS2/10 | SBS1-1/2 | SBS5 | SBS15 |
| SBS4/10 | SBS1-6/10 | SBS6 | SBS20 |
| SBS1/2 | SBS1-8/10 | SBS7 | SBS25 |
| SBS3/4 | SBS2 | SBS8 | SBS30 |
| SBS8/10 | SBS3 | SBS10 | |
| SBS1 | SBS4 | SBS12 | |

## Modulostar® CUS10
## Compact fuse holders for 10.3x38.1 fuse-links

| Catalog Numbers | | | |
|---|---|---|---|
| With standard indicator | | Without indicator | |
| CUS101I | CUS103NI | CUS101 | CUS103N |
| CUS101NI | CUS104I | CUS101N | CUS104 |
| CUS102I | | CUS102 | CUS10N |
| CUS103I | | CUS103 | |

## Modulostar® CUS10
## Wiring bars / Insulated bus bars

| Catalog Numbers | | | |
|---|---|---|---|
| CMS810BB1F13 | CMS810BB2F6 | CMS810BB3F4 | CMS810BB4F3 |

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PRODUCT RANGE

## PCF - Fast-Acting PC Mount Fuses

**Volts:** 600VAC / DC
**Amps:** 1 to 30A
**I.R.:** 100kA I.R.
**L/R:** ≤10ms

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| Slot Mount | | Double Hole Mount | | Surface Mount | |
| PCF1-R | PCF8-R | PCF1-H | PCF8-H | PCF1-S | PCF8-S |
| PCF2-R | PCF10-R | PCF2-H | PCF10-H | PCF2-S | PCF10-S |
| PCF3-R | PCF12-R | PCF3-H | PCF12-H | PCF3-S | PCF12-S |
| PCF4-R | PCF15-R | PCF4-H | PCF15-H | PCF4-S | PCF15-S |
| PCF5-R | PCF20-R | PCF5-H | PCF20-H | PCF5-S | PCF20-S |
| PCF6-R | PCF25-R | PCF6-H | PCF25-H | PCF6-S | PCF25-S |
| PCF7-R | PCF30-R | PCF7-H | PCF30-H | PCF7-S | PCF30-S |
| - | - | - | PCF30/50-H | - | - |

## PCS - Semiconductor PC Mount Fuses

**Volts:** 600VAC / DC
**Amps:** 5 to 40A
**I.R.:** 200kA I.R. AC; 100kA I.R. DC
**L/R:** ≤10ms

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| Slot Mount | | Double Hole Mount | | Surface Mount | |
| PCS5-R | PCS20-R | PCS5-H | PCS20-H | PCS5-S | PCS20-S |
| PCS8-R | PCS25-R | PCS8-H | PCS25-H | PCS8-S | PCS25-S |
| PCS10-R | PCS30-R | PCS10-H | PCS30-H | PCS10-S | PCS30-S |
| PCS12-R | PCS35-R | PCS12-H | PCS35-H | PCS12-S | PCS35-S |
| PCS15-R | PCS40-R | PCS15-H | PCS40-H | PCS15-S | PCS40-S |

## PCT - Time-Delay PC Mount Fuses

**Volts:** 500VAC
**Amps:** 1 to 30A
**I.R.:** 100kA I.R.

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| Slot Mount | | Double Hole Mount | | Surface Mount | |
| PCT1-R | PCT8-R | PCT1-H | PCT8-H | PCT1-S | PCT8-S |
| PCT2-R | PCT10-R | PCT2-H | PCT10-H | PCT2-S | PCT10-S |
| PCT3-R | PCT12-R | PCT3-H | PCT12-H | PCT3-S | PCT12-S |
| PCT4-R | PCT15-R | PCT4-H | PCT15-H | PCT4-S | PCT15-S |
| PCT5-R | PCT20-R | PCT5-H | PCT20-H | PCT5-S | PCT20-S |
| PCT6-R | PCT25-R | PCT6-H | PCT25-H | PCT6-S | PCT25-S |
| PCT7-R | PCT30-R | PCT7-H | PCT30-H | PCT7-S | PCT30-S |



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PRODUCT RANGE

## GSA/GSA-V

1/16A through 8A, 250VAC, UL Listed
10, 12, 15A, 250V UL Recognized
1/16A through 8A, 250VAC, CSA Certified
10, 12, 15A, 250V CSA Recognized
20A, 250VAC, 25 & 30A, 125VAC

| Catalog Numbers | | | | | | | |
|---|---|---|---|---|---|---|---|
| GSA1/16 | GSA3/16 | GSA4/10 | GSA8/10 | GSA2 | GSA3-2/10 | GSA6-1/4 | GSA15 |
| GSA1/10 | GSA2/10 | GSA1/2 | GSA1 | GSA2-1/4 | GSA3-1/2 | GSA7 | GSA20 |
| GSA1/8 | GSA1/4 | GSA6/10 | GSA1-1/4 | GSA2-1/2 | GSA4 | GSA8 | GSA25 |
| GSA15/100 | GSA3/10 | GSA7/10 | GSA1-1/2 | GSA2-8/10 | GSA5 | GSA10 | GSA30 |
| GSA175/1000 | GSA3/8 | GSA3/4 | GSA1-6/10 | GSA3 | GSA6 | GSA12 | - |

## GDL/GDL-V

1/16A through 8A, 250VAC,
UL Listed and CSA Certified
10A through 15A, 125VAC,
UL Listed and CSA Certified
20A through 30A, 32VAC,
UL Listed to U.S. and Canadian safety standards

| Catalog Numbers | | | | | | | |
|---|---|---|---|---|---|---|---|
| GDL1/16 | GDL3/16 | GDL4/10 | GDL8/10 | GDL1-8/10 | GDL3 | GDL6-1/4 | GDL15 |
| GDL1/10 | GDL2/10 | GDL1/2 | GDL1 | GDL2 | GDL3-2/10 | GDL7 | GDL20 |
| GDL1/8 | GDL1/4 | GDL6/10 | GDL1-1/4 | GDL2-1/4 | GDL4 | GDL8 | GDL25 |
| GDL15/100 | GDL3/10 | GDL7/10 | GDL1-1/2 | GDL2-1/2 | GDL5 | GDL10 | GDL30 |
| GDL175/1000 | GDL3/8 | GDL3/4 | GDL1-6/10 | GDL2-8/10 | GDL6 | GDL12 | - |

## GGC/GGC-V

1/10A through 10A, 250VAC, UL Listed and CSA Certified
12A and 15A, 125VAC, UL Listed and CSA Certified
20A through 30A, 32VAC

| Catalog Numbers | | | | | | | |
|---|---|---|---|---|---|---|---|
| GGC1/10 | GGC2/10 | GGC1/2 | GGC1-1/4 | GGC2-1/4 | GGC5 | GGC8 | GGC25 |
| GGC1/8 | GGC1/4 | GGC6/10 | GGC1-1/2 | GGC2-1/2 | GGC6 | GGC10 | GGC30 |
| GGC15/100 | GGC3/10 | GGC3/4 | GGC1-3/4 | GGC3 | GGC6-3/10 | GGC12 | - |
| GGC175/1000 | GGC3/8 | GGC8/10 | GGC1-6/10 | GGC3-2/10 | GGC7 | GGC15 | - |
| GGC3/16 | GGC4/10 | GGC1 | GGC2 | GGC4 | GGC7-1/2 | GGC20 | - |

## GGM/GGM-V

1/16A through 3A, 250VAC, UL Listed and CSA Certified
4A through 8A, 125VAC, UL Listed and CSA Certified
10A and 15A, 250VAC,
UL Recognized

| Catalog Numbers | | | | |
|---|---|---|---|---|
| GGM1/16 | GGM3/10 | GGM3/4 | GGM1-1/2 | GGM5 |
| GGM1/10 | GGM4/10 | GGM8/10 | GGM2 | GGM6 |
| GGM1/8 | GGM1/2 | GGM1 | GGM2-1/2 | GGM7 |
| GGM2/10 | GGM6/10 | GGM1-2/10 | GGM3 | GGM8 |
| GGM1/4 | GGM7/10 | GGM1-1/4 | GGM4 | GGM15 |

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PRODUCT RANGE

## GGA/GGA-V

1/10 through 3A, 250VAC, UL Listed and CSA Certified
4A and 5A, 125VAC, UL Listed and CSA Certified

| Catalog Numbers | | | | |
|---|---|---|---|---|
| GGA1/10 | GGA3/10 | GGA7/10 | GGA1-1/4 | GGA2-1/2 |
| GGA1/8 | GGA4/10 | GGA3/4 | GGA1-1/2 | GGA3 |
| GGA2/10 | GGA1/2 | GGA8/10 | GGA1-6/10 | GGA4 |
| GGA1/4 | GGA6/10 | GGA1 | GGA2 | GGA5 |

## GSC/GSC-V

1/10A through 3A, 250VAC, UL Listed and CSA Certified
4A through 8A, 125VAC, UL Listed and CSA Certified
10A, 125VAC, UL and CSA Recognized

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| GSC1/10 | GSC4/10 | GSC3/4 | GSC1-1/2 | GSC3 | GSC7 |
| GSC1/8 | GSC1/2 | GSC8/10 | GSC1-6/10 | GSC4 | GSC8 |
| GSC1/4 | GSC6/10 | GSC1 | GSC2 | GSC5 | GSC10 |
| GSC3/10 | GSC7/10 | GSC1-1/4 | GSC2-1/2 | GSC6 | - |

## GSB/GSB-V

1/16A through 10A, 250VAC, UL and CSA Recognized
1/16A through 6-3/10A, 250VAC, SEMKO Approved
1/16A through 6-3/10A, 250VAC, VDE Approved
IEC-127-2 Standard Sheet 2*

*IEC Standards for 5x20 mm fuses do not include ratings above 6.3 amperes.

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| GSB1/16 | GSB16/100 | GSB4/10 | GSB1 | GSB2-1/2 | GSB6-3/10 |
| GSB8/100 | GSB2/10 | GSB1/2 | GSB1-1/4 | GSB3-15/100 | GSB8 |
| GSB1/10 | GSB1/4 | GSB630/1000 | GSB1-6/10 | GSB4 | GSB10 |
| GSB1/8 | GSB315/1000 | GSB8/10 | GSB2 | GSB5 | - |

## GDG/GDG-V

1/16A through 10A, 250VAC, UL & CSA Recognized
1/16A through 6-3/10A, 250VAC, SEMKO Approved
1/16A through 6-3/10A, 250VAC, VDE Approved
IEC 127-2 Standard Sheet 3*

*IEC Standards for 5x20 mm fuses do not include ratings above 6.3 amperes.

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| GDG1/16 | GDG16/100 | GDG4/10 | GDG1 | GDG2-1/2 | GDG6-3/10 |
| GDG8/100 | GDG2/10 | GDG1/2 | GDG1-1/4 | GDG3-15/100 | GDG8 |
| GDG1/10 | GDG1/4 | GDG630/1000 | GDG1-6/10 | GDG4 | GDG10 |
| GDG1/8 | GDG315/1000 | GDG8/10 | GDG2 | GDG5 | - |

## GSD/GSD-V

1/16A through 10A, 250VAC,
UL & CSA Recognized
1A through 6-3/10A, 250 VAC, SEMKO Approved
1A through 6-3/10A, 250 VAC, VDE Approved
IEC 127-2 Standard Sheet 1*

*IEC Standards for 5x20 mm fuses do not include ratings above 6.3 amperes.

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| GSD1/16 | GSD2/10 | GSD1/2 | GSD1-1/4 | GSD3-15/100 | GSD8 |
| GSD1/10 | GSD1/4 | GSD630/1000 | GSD1-6/10 | GSD4 | GSD10 |
| GSD1/8 | GSD315/1000 | GSD8/10 | GSD2 | GSD5 | - |
| GSD16/100 | GSD4/10 | GSD1 | GSD2-1/2 | GSD6-3/10 | - |



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PRODUCT RANGE

## GSF/GSF-V

1/2A through 8/10A, 250VAC
1A through 6-3/10A, 250VAC, SEMKO, VDE Approved
1A through 10A, 250VAC, UL and CSA Recognized
IEC-127-2 Standard Sheet 5*

*IEC Standards for 5x20 mm fuses do not include ratings above 6.3 amperes.

| Catalog Numbers | | | | | | |
|---|---|---|---|---|---|---|
| GSF1/2 | GSF8/10 | GSF1-1/4 | GSF2 | GSF3-15/100 | GSF5 | GSF8 |
| GSF630/1000 | GSF1 | GSF1-6/10 | GSF2-1/2 | GSF4 | GSF6-3/10 | GSF10 |

## GGX

1/2A through 2 1/2A, 250VAC, UL Listed
3A through 7A, 125V AC, UL Recognized
8A through 30A, 32V AC, UL Recognized

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| GGX1/2 | GGX1-1/2 | GGX3 | GGX6 | GGX10 | GGX20 |
| GGX3/4 | GGX2 | GGX4 | GGX7 | GGX12 | GGX25 |
| GGX1 | GGX2-1/2 | GGX5 | GGX8 | GGX15 | GGX30 |

## GAB

1/8A through 15A, 250VAC,
UL Listed and CSA Certified
20A through 30A, 250/125VAC,
UL Recognized

| Catalog Numbers | | | | | | |
|---|---|---|---|---|---|---|
| GAB1/8 | GAB1/2 | GAB2 | GAB4 | GAB7 | GAB12 | GAB25 |
| GAB1/4 | GAB3/4 | GAB2-1/2 | GAB5 | GAB8 | GAB15 | GAB30 |
| GAB3/8 | GAB1 | GAB3 | GAB6 | GAB10 | GAB20 | - |

## SMG/SMG-V

1/10A & 3/8A, 250VAC, UL Listed CSA Certified
1/8A through 7A, 350VAC, UL and CSA Recognized
8A & 10A, 125VAC

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| SMG1/8 | SMG3/4 | SMG2 | SMG3-1/2 | SMG6 | SMG10 |
| SMG1/4 | SMG1 | SMG2-1/2 | SMG4 | SMG7 | - |
| SMG1/2 | SMG1-1/2 | SMG3 | SMG5 | SMG8 | - |

## STG/STG-V

3/8A 250VAC, UL Listed and CSA Certified
1/4A through 7A, 350VAC, UL and CSA Recognized

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| STG1/4 | STG6/10 | STG1 | STG2 | STG3-1/2 | STG6 |
| STG3/8 | STG3/4 | STG1-1/4 | STG2-1/2 | STG4 | STG7 |
| STG1/2 | STG8/10 | STG1-1/2 | STG3 | STG5 | - |

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PRODUCT RANGE

## MRF - Radial Lead Micro Fuses
## Fast-acting microfuse

50mA to 6.3A, 250VAC - UL Recognized and CSA Accepted

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| MRF50 | MRF125 | MRF315 | MRF800 | MRF2 | MRF5 |
| MRF63 | MRF160 | MRF400 | MRF1 | MRF2.5 | MRF6.3 |
| MRF80 | MRF200 | MRF500 | MRF1.25 | MRF3.15 | - |
| MRF100 | MRF250 | MRF630 | MRF1.6 | MRF4 | - |

## MRT - Radial Lead Micro Fuses
## Time-delay microfuse

80mA to 6.3A, 250VAC - UL Recognized and CSA Accepted

| Catalog Numbers | | | | |
|---|---|---|---|---|
| MRT80 | MRT200 | MRT500 | MRT1.25 | MRT3.15 |
| MRT100 | MRT250 | MRT630 | MRT1.6 | MRT4 |
| MRT125 | MRT315 | MRT800 | MRT2 | MRT5 |
| MRT160 | MRT400 | MRT1 | MRT2.5 | MRT6.3 |

## SFRT - In-Line Fuse Holders

| Catalog Numbers* | Fuse Installed |
|---|---|
| SFRT4 | FSFE4 |
| SFRT6 | FSFE6 |
| SFRT7-1/2 | FSFE7-1/2 |
| SFRT9 | FSFE9 |
| SFRT14 | FSFE14 |
| SFRT20 | FSFE20 |
| *Includes FSFE fuse* | |

## SFRB - In-Line Fuse Holders

| Catalog Numbers* | Fuse Installed |
|---|---|
| SFRT4 | FSFE4 |
| SFRT6 | FSFE6 |
| SFRT7-1/2 | FSFE7-1/2 |
| SFRT9 | FSFE9 |
| SFRT14 | FSFE14 |
| SFRT20 | FSFE20 |
| *Includes FSFE fuse* | |

## FSFE - In-Line Fuse Holders

| Catalog Numbers | | | |
|---|---|---|---|
| FSFE4 | FSFE7-1/2 | FSFE14 | FSFE30 |
| FSFE6 | FSFE9 | FSFE20 | - |



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PRODUCT RANGE

## SLR - In-Line Fuses and Holders

**Volts:** 300VAC
**Amps:** 1/2 to 15A
**I.R.:** 10kA I.R.

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| SLR1/2 | SLR1-6/10 | SLR3 | SLR6 | SLR9 | SLR15 |
| SLR1 | SLR2 | SLR4 | SLR7 | SLR10 | - |
| SLR1-1/2 | SLR2-1/2 | SLR5 | SLR8 | SLR12 | - |

## SMF - In-Line Fuses and Holders

**Volts:** 300VAC
**Amps:** 3/10 to 10A
**I.R.:** 10kA I.R.

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| SMF3/10 | SMF8/10 | SMF1-6/10 | SMF2-8/10 | SMF4 | SMF7 |
| SMF1/2 | S MF1 | SMF2 | SMF3 | SMF5 | SMF8 |
| SMF6/10 | SMF1-1/4 | SMF2-1/2 | SMF3-2/10 | SMF 6 1/4 | SMF10 |

## SHR - In-Line Fuses and Holders

**Volts:** 300VAC
**Amps:** 15A Withstand
**Rating:** 10kA I.R.
**Dielectric Strength:** 2,000V

| Catalog Numbers |
|---|
| SHR-1 |

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PRODUCT RANGE

## AF - Automotive Fuses

1A through 40A, 32VAC/DC, 1000 A I.R.

| Catalog Numbers | | | | |
|---|---|---|---|---|
| AF-1 | AF-4 | AF-10 | AF-25 | AF-40 |
| AF-2 | AF-5 | AF-15 | AF-30 | - |
| AF-3 | AF-7-1/2 | AF-20 | AF-35 | - |

## AF2 - Automotive Fuses

2A through 30A, 32VDC, 1000 A I.R.

| Catalog Numbers | | | | |
|---|---|---|---|---|
| AF2-2 | AF2-4 | AF2-7-1/2 | AF2-15 | AF2-25 |
| AF2-3 | AF2-5 | AF2-10 | AF2-20 | AF2-30 |

## AF3 - Automotive Fuses

20A through 80A, 32VDC, 1000 A I.R.

| Catalog Numbers | | | |
|---|---|---|---|
| AF3-20 | AF3-40 | AF3-60 | AF3-80 |
| AF3-30 | AF3-50 | AF3-70 | - |

## AFH - Automotive Fuse Holders

| Catalog Numbers | | |
|---|---|---|
| AFH20-14 | AFH20-16 | AFH30-12 |
| AFH20-14Y | AFH20-16Y | AFH30C |

## AF2H - Automotive Fuse Holders

| Catalog Numbers |
|---|
| AF2H30C |

## AF3H - Automotive Fuse Holders

| Catalog Numbers |
|---|
| AF3H60C |



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PRODUCT RANGE

## ACK - Forklift Truck Fuses

**Volts:** 125VAC / DC
**Amps:** 1 to 400A
**IR:** 10kA I.R. AC / DC

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| ACK2 | ACK10 | ACK35 | ACK80 | ACK140 | ACK225 |
| ACK3 | ACK15 | ACK40 | ACK90 | ACK150 | ACK250 |
| ACK5 | ACK25 | ACK50 | ACK100 | ACK175 | ACK300 |
| ACK6 | ACK30 | ACK60 | ACK120 | ACK200 | ACK400 |

### Recommended Fuse Blocks For Forklift Truck Fuse Fuses

| Fuse | Fuse Block |
|---|---|
| ACK(70-100) | P243C |

## ACL - Forklift Truck Fuses

**Volts:** 125VAC / DC
**Amps:** 30 to 120A
**IR:** 100kA I.R. AC, 10kA I.R. DC

| Catalog Numbers | | | | |
|---|---|---|---|---|
| ACL30 | ACL40 | ACL60 | ACL80 | ACL100 |
| ACL35 | ACL50 | ACL70 | ACL90 | ACL120 |

### Recommended Fuse Blocks For Forklift Truck Fuse Fuses

| Fuse | Fuse Block |
|---|---|
| ACL(70-120) | P243E |

## ALS - Forklift Truck Fuses

**Volts:** 125VAC / DC
**Amps:** 100 to 500A
**IR:** 10kA I.R. AC / DC

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| ALS100 | ALS175 | ALS225 | ALS300 | ALS400 | ALS500 |
| ALS150 | ALS200 | ALS250 | ALS350 | ALS450 | - |

## CNL - Forklift Truck Fuses

**Volts:** 80V AC / DC
**Amps:** 35 to 500A
**IR:** 2.5kA I.R. AC / DC

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| CNL35 | CNL80 | CNL150 | CNL250 | CNL350 | CNL675 |
| CNL40 | CNL100 | CNL175 | CNL275 | CNL400 | CNL750 |
| CNL50 | CNL125 | CNL200 | CNL300 | CNL500 | - |
| CNL60 | CNL130 | CNL225 | CNL325 | CNL600 | - |

### Recommended Fuse Blocks For Forklift Truck Fuse Fuses

| Fuse | Fuse Block |
|---|---|
| CNL | FTFH, FTFH-1 |

## CNN - Forklift Truck Fuses

**Volts:** 130V AC
**Amps:** 10-800A

**Volts:** 75V DC
**Amps:** 10 to 300A

**Volts:** 48V DC
**Amps:** 301-800A
**IR:** 2.5kA I.R. AC / DC

| Catalog Numbers | | | | | |
|---|---|---|---|---|---|
| CNN10 | CNN60 | CNN125 | CNN225 | CNN325 | CNN600 |
| CNN35 | CNN80 | CNN150 | CNN250 | CNN350 | CNN225 |
| CNN40 | CNN90 | CNN175 | CNN275 | CNN400 | CNN700 |
| CNN50 | CNN100 | CNN200 | CNN300 | CNN500 | CNN800 |

### Recommended Fuse Blocks For Forklift Truck Fuse Fuses

| Fuse | Fuse Block |
|---|---|
| CNN | FTFH, FTFH-1 |

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## CP - 600V Cable Protectors

| Catalog Number | | | |
|---|---|---|---|
| Description | | Catalog # for Cable Type | |
| Type | Termination | Copper | Aluminum |
| 1 | Cable to Cable | CP2C1 | - |
| | | CP1/0C1 | - |
| | | CP2/0C1 | - |
| | | CP4/0C1 | CP4/0A1 |
| | | CP250C1 | CP250A1 |
| | | CP350C1 | CP350A1 |
| | | CP400C1 | - |
| | | CP500C1 | CP500A1 |
| | | CP600C1 | CP600A1 |
| | | CP750C1 | CP750A1 |
| | | CP1000C1 | - |
| 3 | Cable to Offset Bus | CP2C3 | - |
| | | CP1/0C3 | - |
| | | CP2/0C3 | - |
| | | CP4/0C3 | CP4/0A3 |
| | | CP250C3 | CP250A3 |
| | | CP350C3 | CP350A3 |
| | | CP400C3 | - |
| | | CP500C3 | CP500A3 |
| | | CP600C3 | CP600A3 |
| | | CP750C3 | CP750A3 |
| | | CP1000C3 | - |
| 5 | Straight Bus to Offset Bus | CP2/0C5 | CP2/0C5 |
| | | CP4/0C5 | CP4/0C5 |
| | | CP250C5 | CP250C5 |
| | | CP350C5 | CP350C5 |
| | | CP500C5 | CP500C5 |
| | | CP600C5 | CP600C5 |
| | | CP750C5 | CP750C5 |
| 6 | Mole to Cable | CP4/0C6 | CP4/0A6 |
| | | CP250C6 | CP250A6 |
| | | CP350C6 | CP350A6 |
| | | CP400C6 | - |
| | | CP500C6 | CP500A6 |
| | | CP750C6 | CP750A6 |
| 8 | Mole to Offset Bus | CP4/0C8 | CP4/0C8 |
| | | CP250C8 | CP250C8 |
| | | CP350C8 | CP350C8 |
| | | CP500C8 | CP500C8 |
| | | CP750C8 | CP750C8 |



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## 2CL - 250V Cable Protectors

Sizes 1 to 500 kcmil copper and aluminum
(CC, CF types copper only)
**Volts:** 250VAC
**IR:** 200kA I.R. AC

| Catalog Number | | |
|---|---|---|
| Type | Termination | |
| BB | Blade to Blade | 2CL1BB |
| | | 2CL2BB |
| | | 2CL3BB |
| | | 2CL4BB |
| | | 2CL10BB |
| | | 2CL20BB |
| | | 2CL30BB |
| | | 2CL40BB |
| | | 2CL250BB |
| | | 2CL350BB |
| | | 2CL500BB |
| BF | Blade to Offset Bus | 2CL1BF |
| | | 2CL2BF |
| | | 2CL3BF |
| | | 2CL4BF |
| | | 2CL10BF |
| | | 2CL20BF |
| | | 2CL30BF |
| | | 2CL40BF |
| | | 2CL250BF |
| | | 2CL350BF |
| | | 2CL500BF |
| CC | Cable to Cable | 2CL10CC |
| | | 2CL20CC |
| | | 2CL40CC |
| | | 2CL250CC |
| | | 2CL350CC |
| | | 2CL500CC |
| CF | Cable to Offset Bus | 2CL10CF |
| | | 2CL20CF |
| | | 2CL40CF |
| | | 2CL250CF |
| | | 2CL350CF |
| | | 2CL500CF |

## HP10J - PV Fuse, 1000VDC, 65kA IR DC, Frame Size 1 - 2 - 3

| Size | Catalog Number | | | | | |
|---|---|---|---|---|---|---|
| 1 | HP10J70 | HP10J80 | HP10J100 | HP10J125 | HP10J160 | HP10J200 |
| 2 | HP10J250 | HP10J300 | HP10J350 | HP10J400 | | - |
| 3 | HP10J450 | HP10J500 | HP10J600 | - | - | - |

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## A60C - Low Voltage Capacitor Fuses

**Volts:** 600VAC
**Amps:** 10 to 300A
**IR:** 200kA I.R.

| Catalog Number | | | |
|---|---|---|---|
| Without indicator | | With indicator | |
| A60C10-121 | A60C80-121 | A60C25-121TI | A60C150-121TI |
| A60C15-121 | A60C100-121 | A60C35-121TI | A60C175-121TI |
| A60C20-121 | A60C125-121 | A60C40-121TI | A60C200-121TI |
| A60C25-121 | A60C150-121 | A60C50-121TI | A60C225-121TI |
| A60C30-121 | A60C175-121 | A60C60-121TI | A60C250-121TI |
| A60C35-121 | A60C200-121 | A60C75-121TI | A60C300-121TI |
| A60C40-121 | A60C225-121 | A60C80-121TI | - |
| A60C50-121 | A60C250-121 | A60C100-121TI | - |
| A60C60-121 | A60C300-121 | A60C125-121TI | - |

## A4BX - Welder Protectors

**Volts:** 600VAC
**Amps:** 100 to 600A
**IR:** 200kA I.R.

| Catalog Number | | | | |
|---|---|---|---|---|
| Without indicator | | | With indicator | |
| A4BX100-150 | A4BX300-150 | A4BX400-150 | A4BX200-150J | A4BX400-150J |
| A4BX125-150 | A4BX200-150 | A4BX500-150 | A4BX225-150J | - |
| A4BX150-150 | A4BX225-150 | A4BX600-150 | A4BX300-150J | - |

## A2Y/A6Y A60C - Form 600 Fuses

**A2Y**
**Volts:** 250VAC, 500VDC
**Amps:** 1 to 600A
**IR:** 200kA I.R.AC, 100kA I.R. DC

**A6Y**
**Volts:** 600VAC, 500VDC
**Amps:** 1 to 8A (500VAC), 10 to 1200A (600VAC), 1 to 600A (500VDC)
**IR:** 200kA I.R. AC, 100kA I.R. DC

| Catalog Number | | | | | | |
|---|---|---|---|---|---|---|
| 250V | | | 600V | | | |
| A2Y1-1 | A2Y70-4 | A2Y250-4 | A6Y1-1 | A6Y70-4 | A6Y200-5 | A6Y450-5 |
| A2Y2-1 | A2Y70-5 | A2Y300-3 | A6Y2-1 | A6Y80-3 | A6Y225-3 | A6Y500-3 |
| A2Y3-1 | A2Y80-3 | A2Y300-4 | A6Y3-1 | A6Y80-4 | A6Y225-4 | A6Y500-4 |
| A2Y5-1 | A2Y80-4 | A2Y350-3 | A6Y5-1 | A6Y90-3 | A6Y225-5 | A6Y500-5 |
| A2Y6-1 | A2Y90-3 | A2Y350-4 | A6Y6-1 | A6Y100-3 | A6Y250-3 | A6Y600-3 |
| A2Y8-1 | A2Y90-4 | A2Y400-3 | A6Y8-1 | A6Y100-4 | A6Y250-4 | A6Y600-4 |
| A2Y10-1 | A2Y100-3 | A2Y400-4 | A6Y10-1 | A6Y125-3 | A6Y250-5 | A6Y600-5 |
| A2Y15-1 | A2Y100-4 | A2Y450-3 | A6Y15-1 | A6Y125-4 | A6Y300-3 | A6Y650-4 |
| A2Y20-1 | A2Y125-3 | A2Y450-4 | A6Y20-1 | A6Y125-5 | A6Y300-4 | A6Y800-4 |
| A2Y25-1 | A2Y125-4 | A2Y500-3 | A6Y25-1 | A6Y150-3 | A6Y300-5 | A6Y800-5 |
| A2Y30-1 | A2Y150-3 | A2Y500-4 | A6Y30-1 | A6Y150-4 | A6Y350-3 | A6Y1000-4 |
| A2Y35-1 | A2Y150-4 | A2Y500-5 | A6Y35-1 | A6Y150-5 | A6Y350-4 | A6Y1000-5 |
| A2Y40-1 | A2Y175-3 | A2Y600-3 | A6Y40-1 | A6Y175-3 | A6Y400-3 | A6Y1200-4 |
| A2Y45-1 | A2Y175-4 | A2Y600-4 | A6Y45-1 | A6Y175-4 | A6Y400-4 | A6Y1200-5 |
| A2Y50-1 | A2Y200-3 | A2Y600-5 | A6Y50-1 | A6Y175-5 | A6Y400-5 | - |
| A2Y60-1 | A2Y200-4 | - | A6Y60-1 | A6Y200-3 | A6Y450-3 | - |
| A2Y70-3 | A2Y250-3 | - | A6Y70-3 | A6Y200-4 | A6Y450-4 | - |



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# HELIOPROTECTION®

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# HelioProtection HP6M

PRODUCT RANGE

## Photovoltaic fuse-links gPV 600VDC

DC10HEL12C8

**Minimum Breaking Capacity = 1.35In**
**Maximum Breaking Capacity = 10kA**

| Catalog Number | Item Number | Rated Voltage DC (IEC) | Rated Current $I_n$ | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|---|---|---|---|---|---|---|---|
| HP6M1 | L1018565 | 600 | 1 A | 0.14 | 0.19 | 0.31 | 10 |
| HP6M2 | M1018566 | 600 | 2 A | 0.19 | 0.26 | 0.43 | |
| HP6M3 | N1018567 | 600 | 3 A | 0.64 | 0.85 | 1.4 | |
| HP6M4 | Q1018569 | 600 | 4 A | 0.58 | 0.77 | 1.3 | |
| HP6M5 | R1018570 | 600 | 5 A | 0.65 | 0.87 | 1.4 | |
| HP6M6 | S1018571 | 600 | 6 A | 0.69 | 0.92 | 1.5 | |
| HP6M7 | T1018572 | 600 | 7 A | - | - | - | |
| HP6M8 | V1018573 | 600 | 8 A | 0.92 | 1.23 | 2.0 | |
| HP6M10 | X1018575 | 600 | 10 A | 0.96 | 1.28 | 2.1 | |
| HP6M12 | Y1018576 | 600 | 12 A | 1.12 | 1.49 | 2.5 | |
| HP6M15 | Z1018577 | 600 | 15 A | 0.99 | 1.32 | 2.2 | |
| HP6M20 | A1018578 | 600 | 20 A | 1.25 | 1.67 | 2.8 | |
| HP6M25 | K1018610 | 600 | 25 A | 1.38 | 1.84 | 3.1 | |
| HP6M30 | L1018611 | 600 | 30 A | 1.5 | 2.0 | 3.3 | |

### Fuse holders

| Catalog Number | Item Number | Nb of poles | Nb of modules (17.5mm) | Indicator | Package |
|---|---|---|---|---|---|
| US101HEL | D1009979 | 1 | 1 | No | 12 |
| US101IHEL | Q1009461 | 1 | 1 | Yes | 12 |
| USGM1HEL | P1022294 | 1 | 1 | No | 12 |
| USGM1IHEL | N1022293 | 1 | 1 | Yes | 12 |

# HelioProtection® Fuse-links gPV

## HP10M – 1 000 VDC

HP10M15

**Minimum Breaking Capacity = 1.35In**
**Maximum Breaking Capacity = 10kA**

| Catalog Number | Item Number | Rated Voltage DC (IEC) | Rated Current $I_n$ | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|---|---|---|---|---|---|---|---|
| HP10M1 | B1018579 | 1000 | 1 A | 0.125 | 0.175 | 0.250 | 10 |
| HP10M2 | C1018580 | 1000 | 2 A | 0.160 | 0.250 | 0.320 | |
| HP10M3 | D1018581 | 1000 | 3 A | 0.66 | 0.87 | 1.36 | |
| HP10M4 | E1018582 | 1000 | 4 A | 0.69 | 0.8 | 1.25 | |
| HP10M5 | F1018583 | 1000 | 5 A | 0.59 | 0.73 | 1.12 | |
| HP10M6 | G1018584 | 1000 | 6 A | 0.42 | 0.67 | 1.05 | |
| HP10M7 | H1018585 | 1000 | 7 A | 0.40 | 0.64 | 1.0 | |
| HP10M8 | J1018586 | 1000 | 8 A | 0.77 | 0.88 | 1.48 | |
| HP10M10 | L1018588 | 1000 | 10 A | 0.67 | 0.90 | 1.5 | |
| HP10M12 | M1018589 | 1000 | 12 A | 0.72 | 1.0 | 1.8 | |
| HP10M15 | N1018590 | 1000 | 15 A | 0.9 | 1.3 | 2.2 | |
| HP10M20 | P1018591 | 1000 | 20 A | 1.1 | 1.5 | 2.8 | |
| HP10M25 | D1023825 | 1000 | 25 A | 1.3 | 1.8 | 3.0 | |
| HP10M30 | E1023826 | 1000 | 30 A | 1.5 | 1.9 | 3.7 | |
| HP10M32 | H1062170 | 1000 | 32 A | 1.7 | 2.3 | 4.2 | |

### Fuse holders

| Catalog Number | Item Number | Nb of poles | Nb of modules (17.5mm) | Indicator | Package |
|---|---|---|---|---|---|
| US101HEL | D1009979 | 1 | 1 | No | 12 |
| US101IHEL | Q1009461 | 1 | 1 | Yes | 12 |
| USGM1HEL | P1022294 | 1 | 1 | No | 12 |
| USGM1IHEL | N1022293 | 1 | 1 | Yes | 12 |

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## HelioProtection® Fuse-links gPV

PRODUCT RANGE

### Dual HP10M – 1 000VDC ferrule

| Catalog Number | Item Number | Rated Current $I_n$ | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|---|---|---|---|---|---|---|
| HP10M36 | - | 36 A | | | | |
| HP10M45 | - | 45 A | | | | |
| HP10M60 | - | 60 A | | | | |

**Minimum breaking capacity:** 1.35xIn
**Maximum breaking capacity:** 50kA

## HelioProtection® Fuse-links gPV

### Dual HP10M – 1 000VDC with Crimp Cap

| Catalog Number | Item Number | Rated Current $I_n$ | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|---|---|---|---|---|---|---|
| HP10M36CC | - | 36 A | | | | |
| HP10M45CC | - | 45 A | | | | |
| HP10M60CC | - | 60 A | | | | |

**Minimum breaking capacity:** 1.35xIn
**Maximum breaking capacity:** 50kA

## HelioProtection® Fuse-links gPV

### HP10M – 1 000VDC with Crimp Cap

HP10M30CC

| Catalog Number | Item Number | Rated Voltage DC (IEC) | Rated Current $I_n$ | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Interrupting Rating (kA) | Size (mm) |
|---|---|---|---|---|---|---|---|---|
| HP10M1CC | F1061616 | 1000 | 1 A | 0.14 | 0.19 | 0.27 | 50 | 10 x 65 |
| HP10M2CC | G1061617 | | 2 A | 0.17 | 0.27 | 0.35 | | |
| HP10M3CC | H1061618 | | 3 A | 0.72 | 0.95 | 1.49 | | |
| HP10M3-1/2CC | J1061619 | | 3.5 A | 0.74 | 0.92 | 1.43 | | |
| HP10M4CC | K1061620 | | 4 A | 0.76 | 0.88 | 1.38 | | |
| HP10M5CC | L1061621 | | 5 A | 0.65 | 0.80 | 1.23 | | |
| HP10M6CC | J1061527 | | 6 A | 0.46 | 0.74 | 1.15 | | |
| HP10M7CC | K1061528 | | 7 A | 0.44 | 0.70 | 1.1 | | |
| HP10M8CC | L1061529 | | 8 A | 0.85 | 0.97 | 1.63 | | |
| HP10M10CC | M1061530 | | 10 A | 0.74 | 0.99 | 1.65 | | |
| HP10M12CC | N1061531 | | 12 A | 0.79 | 1.1 | 1.98 | | |
| HP10M15CC | P1061532 | | 15 A | 0.99 | 1.43 | 2.42 | | |
| HP10M20CC | Q1061533 | | 20 A | 1.21 | 1.65 | 3.08 | | |
| HP10M25CC | R1061534 | | 25 A | 1.43 | 1.98 | 3.3 | | |
| HP10M30CC | S1061535 | | 30 A | 1.65 | 2.09 | 4.07 | | |
| HP10M32CC | T1061536 | | 32 A | 1.70 | 2.30 | 4.20 | | |



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# HelioProtection® Modulostar®

PRODUCT RANGE

## Modular Fuseholders for gPV fuses-links HP6M and HP10M

CUS101HEL

### Fuse-holders US10HEL for cylindrical fuse-links gPV 600VDC and 1000VDC

| Catalog Number | Item Number | Nb of poles | Voltage rating | Ampere rating | Nb of modules (17.5mm) | Indicator | Package |
|---|---|---|---|---|---|---|---|
| CUS101HEL | K1062724 | 1 | 1000VDC | 32A | 1 | Without Ind. | 12 |
| CUS101IHEL | X1062758 | 1 | 1000VDC | 32A | 1 | With Ind. | 12 |

### Fuse-clips for cylindrical fuse-links gPV 600VDC and 1000VDC

| Catalog Number | Item Number | Designation | Weight (g) | Package |
|---|---|---|---|---|
| MR10CIRESSORT | Y098507 | MR 10 CI + RESSORT | 4.5 | 200 |

# HelioProtection® USGM1HEL

## UltraSafe™ Fuseholders

USGM1HEL

### Fuse-holders USGM1HEL for cylindrical fuse-links gPV 600VDC and 1000VDC

| Fuse Type | Catalog Number | Item Number | No. of Poles | Voltage Rating | Ampere Rating | Visual Indication | Package |
|---|---|---|---|---|---|---|---|
| Photovoltaic | USGM1HEL | P1022294 | 1 | 1000VDC | 30 | No | 12 |
| | USGM1IHEL | N1022293 | | | | Yes | 12 |

# HelioProtection® Fuse-links gPV

## DC10HEL - 1200VDC Midget (10x85mm)

DC10HEL12C8

### HelioProtection® DC10HEL Photovoltaic fuse-links gPV 1200VDC

| Catalog number | Item Number | Size (mm) | Maximum operating voltage for L/R ≤ 0,5ms | Rated Current | Operation | Breaking Capacity @ Un | Power losses End contacts 0.7In (Watts) | Power losses End contacts 0.8In (Watts) | Package |
|---|---|---|---|---|---|---|---|---|---|
| DC10HEL12C8 | D1014188 | D10xL85 | 1200V | 8 A | gPV type | 10 kA | 1,3 | 1,7 | 45 |
| DC10HEL12C10 | T1012017 | | | 10 A | | | 1,3 | 1,7 | 45 |
| DC10HEL12C12,5 | X1008754 | | | 12,5 A | | | 1,3 | 1,9 | 45 |
| DC10HEL12C16 | Y1008755 | | | 16 A | | | 1,5 | 2,1 | 45 |
| DC10HEL12C20 | Z1008756 | | | 20 A | | | 1,8 | 2,5 | 45 |
| DC10HEL9C25 | A1008757 | | 900V | 25 A | | | 2,2 | 3 | 45 |

# HelioProtection® Fuse-links gPV

## HP15M - 1500VDC Midget (10x85mm)

HP15M30

### HelioProtection® HP15M Photovoltaic fuse-links gPV 1500VDC

| Catalog number | Item Number | Rated Current $I_n$ | Power Dissipation at 0.7xIn (Watts) | Power Dissipation at 0.8xIn (Watts) | Power Dissipation at 1.0xIn (Watts) | Package |
|---|---|---|---|---|---|---|
| HP15M4 | F1059569 | 4 A | 0.79 | 1.09 | 1.85 | 5 |
| HP15M5 | X1055053 | 5 A | 0.84 | 1.16 | 1.97 | 5 |
| HP15M6 | Q1053667 | 6 A | 0.97 | 1.37 | 2.42 | 5 |
| HP15M7 | R1053668 | 7 A | 0.97 | 1.37 | 2.43 | 5 |
| HP15M8 | S1053669 | 8 A | 1.04 | 1.50 | 2.60 | 5 |
| HP15M10 | T1053670 | 10 A | 1.23 | 1.77 | 3.09 | 5 |
| HP15M12 | V1053671 | 12 A | 1.15 | 1.70 | 2.89 | 5 |
| HP15M15 | W1053672 | 15 A | 1.39 | 1.91 | 3.48 | 5 |
| HP15M20 | X1053673 | 20 A | 1.71 | 2.47 | 4.28 | 5 |
| HP15M25 | Y1053674 | 25 A | 2.13 | 3.08 | 5.35 | 5 |
| HP15M30 | Z1053675 | 30 A | 2.56 | 3.61 | 6.40 | 5 |
| HP15M32 | G1059570 | 32 A | 2.73 | 3.85 | 6.82 | 5 |

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## HelioProtection® Fuse-links gPV

PRODUCT RANGE

### HP15M with crimp clamp - 1500VDC Midget (10x85mm)

HP15M5CC

| Catalog number | Item Number | Rated Current $I_n$ | Power Dissipation at 0.7xIn (Watts) | Power Dissipation at 0.8xIn (Watts) | Power Dissipation at 1.0xIn (Watts) | Package |
|---|---|---|---|---|---|---|
| HP15M4CC | A1061542 | 4 A | 0.80 | 1.04 | 1.69 | 5 |
| HP15M5CC | B1061543 | 5 A | 0.92 | 1.27 | 2.16 | 5 |
| HP15M6CC | D1061545 | 6 A | 1.06 | 1.50 | 2.66 | 5 |
| HP15M7CC | E1061546 | 7 A | 1.06 | 1.50 | 2.67 | 5 |
| HP15M8CC | F1061547 | 8 A | 1.14 | 1.65 | 2.86 | 5 |
| HP15M10CC | G1061548 | 10 A | 1.35 | 1.94 | 3.34 | 5 |
| HP15M12CC | H1061549 | 12 A | 1.26 | 1.87 | 3.18 | 5 |
| HP15M15CC | J1061550 | 15 A | 1.53 | 2.10 | 3.83 | 5 |
| HP15M20CC | K1061551 | 20 A | 1.88 | 2.71 | 4.71 | 5 |
| HP15M25CC | L1061552 | 25 A | 2.34 | 3.39 | 5.88 | 5 |
| HP15M30CC | M1061553 | 30 A | 2.81 | 3.97 | 7.04 | 5 |
| HP15M32CC | N1061554 | 32 A | 3.00 | 4.23 | 7.51 | 5 |

## HelioProtection® Fuse-links gPV

### Dual HP15M – 1 500VDC ferrule

| Catalog Number | Item Number | Rated Current $I_n$ | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|---|---|---|---|---|---|---|
| HP15M36 | - | 36 A | 3.19 | 4.41 | 5.59 | 25 |
| HP15M45 | - | 45 A | 3.62 | 5.21 | 9.23 | 25 |
| HP15M60 | - | 60 A | | | | |

**Minimum breaking capacity:** 1.35xIn
**Maximum breaking capacity:** 50kA

## HelioProtection® Fuse-links gPV

### Dual HP15M – 1 500VDC with Crimp Cap

| Catalog Number | Item Number | Rated Current $I_n$ | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|---|---|---|---|---|---|---|
| HP15M36CC | - | 36 A | 3.19 | 4.41 | 5.59 | 25 |
| HP15M45CC | - | 45 A | 3.62 | 5.21 | 9.23 | 25 |
| HP15M60CC | - | 60 A | | | | |

**Minimum breaking capacity:** 1.35xIn
**Maximum breaking capacity:** 50kA



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# HelioProtection® US15M1HEL

PRODUCT RANGE

## UltraSafe™ Fuseholders for gPV fuse-links HP15M

US15M1HEL

| Catalog Number | Fuse Type | No. of Poles | Voltage Rating | Ampere Rating | Packaging |
|---|---|---|---|---|---|
| US15M1HEL | Photovoltaic | 1 | 1500VDC | 30 | 12 |

# Helioprotection® HP15FHM32 Series

## Fuseholders for gPV fuse-links HP15M

HP15FHM32A

| Catalog Number | Fuse Type | No. of Poles | Voltage Rating | Ampere Rating | Packaging |
|---|---|---|---|---|---|
| HP15FHM32A | Photovoltaic | 1 | 1500VDC | 32 | 12 |
| HP15FHM32B | | | | | |

# HelioProtection® Fuse-links

## HP10NH 1000VDC

HP10NH1GPV125

### Plain blade

| Size | Rated Voltage (V) | Nominal Current (A) | Class | Catalog number | Item Number | weight (kg) | Power dissipation at In | Power dissipation at 0,7xIn | Package |
|---|---|---|---|---|---|---|---|---|---|
| NH1 | 1000 VDC | 50 | gPV | HP10NH1GPV50 | Z1028283 | 0.4 | 11 | 4.6 | 3 |
| | | 63 | | HP10NH1GPV63 | A1028284 | 0.4 | 13 | 5.4 | 3 |
| | | 80 | | HP10NH1GPV80 | B1028285 | 0.4 | 15 | 6.1 | 3 |
| | | 100 | | HP10NH1GPV100 | C1028286 | 0.4 | 17 | 7.2 | 3 |
| | | 125 | | HP10NH1GPV125 | D1028287 | 0.4 | 18 | 7.4 | 3 |
| | | 160 | | HP10NH1GPV160 | E1028288 | 0.4 | 23 | 9.6 | 3 |
| NH2 | | 200 | | HP10NH2GPV200 | X1037619 | 0.63 | 29 | 12 | 3 |
| | | 250 | | HP10NH2GPV250 | Y1037620 | 0.63 | 34 | 14 | 3 |

HP10NH1GPV160B

### Direct mounting

| Size | Rated Voltage (V) | Nominal Current (A) | Class | Catalog number | Item Number | weight (kg) | Power dissipation at In | Power dissipation at 0,7xIn | Package |
|---|---|---|---|---|---|---|---|---|---|
| NH1 | 1000 VDC | 50 | gPV | HP10NH1GPV50B | B1048663 | 0.4 | 11 | 4.6 | 3 |
| | | 63 | | HP10NH1GPV63B | C1048664 | 0.4 | 13 | 5.4 | 3 |
| | | 80 | | HP10NH1GPV80B | D1048665 | 0.4 | 15 | 6.1 | 3 |
| | | 100 | | HP10NH1GPV100B | E1048666 | 0.4 | 17 | 7.2 | 3 |
| | | 125 | | HP10NH1GPV125B | F1048667 | 0.4 | 18 | 7.4 | 3 |
| | | 160 | | HP10NH1GPV160B | G1048668 | 0.4 | 23 | 9.6 | 3 |
| NH2 | | 200 | | HP10NH2GPV200B | H1048669 | 0.63 | 29 | 12 | 3 |
| | | 250 | | HP10NH2GPV250B | J1048670 | 0.63 | 34 | 14 | 3 |

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# HelioProtection® Fuse-links

PRODUCT RANGE

## HP12NH – 1250VDC

HP12NH2XLGPV200

### Plain blade

| Size | Rated Voltage (V) | Nominal Current (A) | Class | PLAIN BLADE | | | Power dissipation at 0,7xIn | Power dissipation at In | Package |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Catalog number | Item Number | weight (kg) | | | |
| NH1XL | 1250 VDC | 125 | gPV | HP12NH1XLGPV125 | G1039744 | 0.435 | 12 | 29 | 1 |
| | | 160 | | HP12NH1XLGPV160 | H1039745 | 0.698 | 14 | 34 | 1 |
| NH2XL | | 200 | | HP12NH2XLGPV200 | J1039746 | 1.054 | 16 | 42 | 1 |
| | | 250 | | HP12NH2XLGPV250 | K1039747 | 1.054 | 17 | 45 | 1 |
| NH3L | | 250 | | HP12NH3LGPV250 | Z1033389 | 1.66 | 18 | 46 | 1 |
| | | 315 | | HP12NH3LGPV315 | A1033390 | 1.66 | 22 | 53 | 1 |
| | | 350 | | HP12NH3LGPV350 | B1033391 | 1.66 | 23 | 55 | 1 |
| | | 400 | | HP12NH3LGPV400 | C1033392 | 1.66 | 29 | 73 | 1 |

### Direct mounting

| Size | Rated Voltage (V) | Nominal Current (A) | Class | DIRECT MOUNTING | | Power dissipation at 0,7xIn | Power dissipation at In | Package |
|---|---|---|---|---|---|---|---|---|
| | | | | Catalog number | Item Number | | | |
| NH1XL | 1250 VDC | 125 | gPV | HP12NH1LGPV125B | K1048671 | 12 | 29 | 1 |
| | | 160 | | HP12NH1LGPV160B | L1048672 | 14 | 34 | 1 |
| NH2XL | | 200 | | HP12NH2LGPV200B | M1048673 | 16 | 42 | 1 |
| | | 250 | | HP12NH2LGPV250B | N1048674 | 17 | 45 | 1 |
| NH3L | | 250 | | HP12NH3LGPV250B | P1048675 | 18 | 46 | 1 |
| | | 315 | | HP12NH3LGPV315B | Q1048676 | 22 | 53 | 1 |
| | | 350 | | HP12NH3LGPV350B | R1048677 | 23 | 55 | 1 |
| | | 400 | | HP12NH3LGPV400B | S1048678 | 29 | 73 | 1 |

# Photovoltaic Fuse bases

## 1000VDC

| Catalog Number | Item Number | Power acceptance | Rated impulse withstand voltage Uimp | Design | Package |
|---|---|---|---|---|---|
| HPBB11PPR | A1030607 | 32 W | 8 kV | open design, for DIN-rail or screw mounting, for NH fuse links size 1 | 3 |
| HPBB11PPRFS | K1032916 | 32 W | 8 kV | with touch protection, for DIN-rail or screw mounting, for NH fuse links size 1 | 3 |

HPBB21PPR

| Catalog Number | Item Number | Power acceptance | Rated impulse withstand voltage Uimp | Design | Package |
|---|---|---|---|---|---|
| HPBB21PPR | C1037509 | 45 W | 8 kV | open design, for DIN-rail or screw mounting, for NH fuse links size 1 and 2 | 3 |
| HPBB21PPRFS | D1037510 | 45 W | 8 kV | with touch protection, for DIN-rail or screw mounting, for NH fuse links size 1 and 2 | 3 |

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# HelioProtection® Fuse-links gPV

PRODUCT RANGE

## HP15NH – 1500VDC

HP15NH3LGPV400

### NH-fuse-links gPV 1500VDC Plain Blade

| Catalog number | Item number | Size | Rated current $I_n$ | Power dissipation at $I_n$ | Power dissipation at 0.7x$I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| HP15NH1XLGPV50 | A1061266 | 1XL | 50 A | 21 W | 8.6 W | | 0.7 kg |
| HP15NH1XLGPV63 | Z1064508 | 1XL | 63 A | 25 W | 10.2 W | | 0.7 kg |
| HP15NH1XLGPV80 | A1064509 | 1XL | 80 A | 25.5 W | 10.3 W | | 0.7 kg |
| HP15NH1XLGPV100 | B1064510 | 1XL | 100 A | 26 W | 10.5 W | | 0.7 kg |
| HP15NH1XLGPV125 | C1064511 | 1XL | 125 A | 30 W | 12.2 W | | 0.7 kg |
| HP15NH2XLGPV125 | H1064309 | 2XL | 125 A | 33.7 W | 13.6 W | | 1.05 kg |
| HP15NH2XLGPV160 | J1064310 | 2XL | 160 A | 38 W | 15.4 W | | 1.05 kg |
| HP15NH2XLGPV200 | K1064311 | 2XL | 200 A | 48 W | 19.4 W | | 1.05 kg |
| HP15NH2XLGPV250 | L1064312 | 2XL | 250 A | 51.7 W | 20.9 W | | 1.05 kg |
| HP15NH3LGPV160 | H1037859 | 3L | 160 A | 36 W | 15 W | | 1.69 kg |
| HP15NH3LGPV200 | J1037860 | 3L | 200 A | 44 W | 18 W | | 1.69 kg |
| HP15NH3LGPV250 | K1037861 | 3L | 250 A | 50 W | 20 W | | 1.69 kg |
| HP15NH3LGPV315 | L1037862 | 3L | 315 A | 57 W | 23 W | | 1.69 kg |
| HP15NH3LGPV350 | M1037863 | 3L | 350 A | 63 W | 25 W | | 1.69 kg |
| HP15NH3LGPV400 | N1037864 | 3L | 400 A | 71 W | 28 W | | 1.69 kg |

HP15NH3LGPV400B

### NH-fuse-links gPV 1500VDC Direct Mounting

| Catalog number | Item number | Size | Rated current $I_n$ | Power dissipation at $I_n$ | Power dissipation at 0.7x$I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| HP15NH1LGPV50B | D1065431 | 1XL | 50 A | 21 W | 8.6 W | 1 | 0.69 kg |
| HP15NH1LGPV63B | D1065432 | 1XL | 63 A | 25 W | 10.2 W | 1 | 0.69 kg |
| HP15NH1LGPV80B | E1065433 | 1XL | 80 A | 25.5 W | 10.3 W | 1 | 0.69 kg |
| HP15NH1LGPV100B | F1065434 | 1XL | 100 A | 26 W | 10.5 W | 1 | 0.69 kg |
| HP15NH1LGPV125B | G1065435 | 1XL | 125 A | 30 W | 12.2 W | 1 | 0.69 kg |
| HP15NH2LGPV125B | M1064313 | 2XL | 125 A | 33.7 W | 13.6 W | 1 | 1.02 kg |
| HP15NH2LGPV160B | N1064314 | 2XL | 160 A | 38 W | 15.4 W | 1 | 1.02 kg |
| HP15NH2LGPV200B | P1064315 | 2XL | 200 A | 48 W | 19.4 W | 1 | 1.02 kg |
| HP15NH2LGPV250B | Q1064316 | 2XL | 250 A | 51.7 W | 20.9 W | 1 | 1.02 kg |
| HP15NH3LGPV160B | T1048679 | 3L | 160 A | 36 W | 15 W | 1 | 1.66 kg |
| HP15NH3LGPV200B | V1048680 | 3L | 200 A | 44 W | 18 W | 1 | 1.66 kg |
| HP15NH3LGPV250B | W1048681 | 3L | 250 A | 50 W | 20 W | 1 | 1.66 kg |
| HP15NH3LGPV315B | X1048682 | 3L | 315 A | 57 W | 23 W | 1 | 1.66 kg |
| HP15NH3LGPV350B | Y1048683 | 3L | 350 A | 63 W | 25 W | 1 | 1.66 kg |
| HP15NH3LGPV400B | Z1048684 | 3L | 400 A | 71 W | 28 W | 1 | 1.66 kg |

HP15NH3LPV350BI

### NH-fuse-links gPV 1500VDC Direct Mounting size 3L with striker

| Catalog number | Item number | Rated current $I_n$ | Power dissipation at $I_n$ | Power dissipation at 0.7x$I_n$ | Power dissipation at 0.8 $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|
| HP15NH3LPV160BI | A1057218 | 160 A | 36 W | 15 W | 20 W | 1 | 1.66 kg |
| HP15NH3LPV200BI | B1057219 | 200 A | 44 W | 18 W | 25 W | 1 | 1.66 kg |
| HP15NH3LPV250BI | C1057220 | 250 A | 50 W | 20 W | 28 W | 1 | 1.66 kg |
| HP15NH3LPV315BI | D1057221 | 315 A | 57 W | 23 W | 32 W | 1 | 1.66 kg |
| HP15NH3LPV350BI | E1057222 | 350 A | 63 W | 25 W | 35 W | 1 | 1.66 kg |
| HP15NH3LPV400BI | F1057223 | 400 A | 71 W | 28 W | 40 W | 1 | 1.66 kg |

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# Microswitch
## 1000VDC

PRODUCT RANGE

MC3E1-5N

### Microswitch for NH-fuse-link gPV 1500VDC size 3L (with striker)

| Catalog number | Item number | Rated current $I_n$ | Rated impulse withstand voltage Uimp | Indication System | Package | Weight |
|---|---|---|---|---|---|---|
| MC3E1-5N | D310020 | 5 A | 20 kV | standard | 3 | 32 g |

# Photovoltaic Fuse bases
## 1500VDC - Protected version

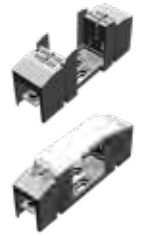
PRODUCT RANGE

HP15FHNH1XLB

COVERFHNH3L

### Fuse-bases for NH gPV fuse-links, single pole, 1500VDC, 50 kA, SCCR 15kA

| Catalog number | Size | Rated current $I_n$ | Power acceptance | Rated impulse withstand voltage $U_{imp}$ | Cable termination | Design | Package |
|---|---|---|---|---|---|---|---|
| HP15FHNH1XLA | 1XL | 250 A | 50 W | 6 kV | M10 terminal screws M = 32Nm for cable lugs 25-240 mm² | open design, screw mounting, for NH1XL fuse-links with blade contacts | - |
| HP15FHNH1XLB | 1XL | 250 A | 50 W | 6 kV | M10 terminal screws M = 32Nm for cable lugs 25-240 mm² | with touch-safe protection, screw mounting, for NH1XL fuse-links with blade contacts | - |
| HP15FHNH3LA | 2XL-3L | 600 A | 100 W | 6 kV | M12 terminal screws M = 32Nm for cable lugs 25-300 mm² | open design, screw mounting, for NH2XL and NH3L fuse-links with blade contacts | - |
| HP15FHNH3LB | 2XL-3L | 600 A | 100 W | 6 kV | M12 terminal screws M = 32Nm for cable lugs 25-300 mm² | with touch-safe protection, screw mounting, for NH2XL and NH3L fuse-links with blade contacts | - |



COVERFHNH1XL

### Cover for fuse-base with touch protection

| Catalog number | Design | Package |
|---|---|---|
| COVERFHNH1XL | pack of 4 gripping lug covers for NH1XL fuse-base with touch protection | 1 |
| COVERFHNH3L | pack of 2 gripping lug covers for NH3L fuse-base with touch protection | 1 |

### HP6J - 600V DC Class J Photovoltaic Fuses

| Catalog Number | | | | | |
|---|---|---|---|---|---|
| Frame Size 1 | Frame Size 2 | | Frame Size 3 | | Frame Size 4 |
| HP6J70 | HP6J110 | HP6J175 | HP6J225 | HP6J350 | HP6J450 |
| HP6J80 | HP6J125 | HP6J200 | HP6J250 | HP6J400 | HP6J500 |
| - | HP6J150 | - | HP6J300 | - | HP6J600 |

**Volts:** 600VDC
**Amps:** 70 to 600A
**IR:** 10kA I.R. DC
**MBC:** 1.35 x In
Photovoltaic Fuse

### HP10J - 1000V DC Class J Photovoltaic Fuses

| Catalog Number | | | | |
|---|---|---|---|---|
| Frame Size 1 | | Frame Size 2 | | Frame Size 3 |
| HP10J70 | HP10J125 | HP10J250 | HP10J400 | HP10J450 |
| HP10J80 | HP10J160 | HP10J300 | - | HP10J500 |
| HP10J100 | HP10J200 | HP10J350 | - | HP10J600 |

**Volts:** 1000VDC (70A to 600A), 600VAC (70A to 400A)
**Amps:** 70A to 600A
**IR:** 65kA @ 1000VDC, 200kA@ 600VAC
**MBC:** 1.35 x In
Photovoltaic Fuse

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# SURGE-TRAP® DC Type 1+2 YPV photovoltaic SPD

PRODUCT RANGE

## STP T12 5 YPV

STPT12-5K1000V-YPVM

### Catalog numbers / Reference numbers

| Catalog number | Item number | System type | Ucpv [Vdc] | Iscpv [A] | IIMP (10/350) [KA] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | Cartridge Id. L |
|---|---|---|---|---|---|---|---|---|---|---|
| STPT12-5K1000V-YPV | 83120167 | “Y” PV | 1060 | 10 000 | 5 | 40 | 20 | ≤ 4 | | C43 |
| STPT12-5K1000V-YPVM | 83120168 | “Y” PV | 1060 | 10 000 | 5 | 40 | 20 | ≤ 4 | √ | C43 |

### Replacement cartridges

| Catalog number | Item number | Network | Ucpv [Vdc] | iIMP (10/350) [KA] | Imax (8/20) [kA] | In (8/20) @Up [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|---|---|---|---|---|---|---|---|---|
| SP12-5K1000V-PV | 83120011 | PV | 530 | 5 | 40 | 20 | ≤ 2 | C43 |

# SURGE-TRAP® DC Type 2 YPV photovoltaic SPD

## STP T2 40 YPV

STPT2-40K1500V-YPVM

### Catalog numbers / Reference numbers

| Catalog number | Item number | System type | Ucpv [Vdc] | Iscpv [A] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | Cartridge Id. L |
|---|---|---|---|---|---|---|---|---|---|
| Y PV. LARGE-SCALE AND ROOFTOP PV | | | | | | | | | |
| STPT2-40K600V-YPV | 83020138 | “Y” PV | 660 | 10 000 | 40 | 20 | ≤2.6 | | C40 |
| STPT2-40K600V-YPVM | 83020139 | “Y” PV | 660 | 10 000 | 40 | 20 | ≤2.6 | √ | C40 |
| STPT2-40K1000V-YPV | 83020140 | “Y” PV | 1060 | 10 000 | 40 | 20 | ≤4 | | C41 |
| STPT2-40K1000V-YPVM | 83020141 | “Y” PV | 1060 | 10 000 | 40 | 20 | ≤4 | √ | C41 |
| STPT2-40K1500V-YPV | 83020158 | "Y" PV | 1500 | 10 000 | 40 | 15 | ≤5 | | C42 |
| STPT2-40K1500V-YPVM | 83020159 | "Y" PV | 1500 | 10 000 | 40 | 15 | ≤5 | √ | C42 |
| U PV. SELF-CONSUMPTION | | | | | | | | | |
| STPT2-40K60V-2P | 83020128 | TNS (1Ph+N); PV | 65 | 1000 | 40 | 20 | ≤0.7 | | Consult |
| STPT2-40K60V-2PM | 83020129 | TNS (1Ph+N); PV | 65 | 1000 | 40 | 20 | ≤0.7 | √ | Consult |
| STPT2-40K75V-2P | 83020130 | TNS (1Ph+N); PV | 80 | 1000 | 40 | 20 | ≤0.8 | | Consult |
| STPT2-40K75V-2PM | 83020131 | TNS (1Ph+N); PV | 80 | 1000 | 40 | 20 | ≤0.8 | √ | Consult |

### Replacement cartridges

| Item number | Catalog number | Network | Ucpv [Vdc] | Imax (8/20) [kA] | In (8/20) @Up [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|---|---|---|---|---|---|---|---|
| 83020005 | SP2-40K600V-PV | PV | 330 | 40 | 20 | ≤1.3 | C40 |
| 83020006 | SP2-40K1000V-PV | PV | 530 | 40 | 20 | ≤2 | C41 |
| 83020010 | SP2-40K1500V-PV | PV | 750 | 40 | 10 | ≤2,5 | C42 |

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# SURGE-TRAP® DC T2 & T1+2 MPPT photovoltaic SPD

PRODUCT RANGE

## STP MPPT PV

STPT2-40K1000V-8YPVM

### Catalog numbers / Reference numbers

| Catalog number | Item number | System type | Ucpv [Vdc] | Iscpv [A] | IIMP (10/350) [KA] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | Cartridge Id. L |
|---|---|---|---|---|---|---|---|---|---|---|
| TYPE 1+2 | | | | | | | | | | |
| STPT12-5K1000V-5YPVM | 83120192 | 3+ , 1- , 1PE | 1060 | 10000 | 5 | 40 | 20 | 4 | √ | C43 |
| STPT12-5K1000V-8YPVM | 83120190 | 6+ , 1- , 1PE | 1060 | 10000 | 5 | 40 | 20 | 4 | √ | C43 |
| TYPE 2 | | | | | | | | | | |
| STPT2-40K1000V-5YPVM | 83020188 | 3+ , 1- , 1PE | 1060 | 10000 | - | 40 | 20 | 4 | √ | C02 |
| STPT2-40K1000V-8YPVM | 83020204 | 6+ , 1- , 1PE | 1060 | 10000 | - | 40 | 20 | 4 | √ | C02 |

### Replacement cartridges

| Catalog number | Item number | Network | Ucpv [Vdc] | IIMP (10/350) [KA] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|---|---|---|---|---|---|---|---|---|
| SP2-40K1000V-PV | 83020006 | PV | 530 | - | 40 | 20 | ≤2 | C02 |
| SP12-5K1000V-PV | 83020011 | PV | 530 | 5 | 40 | 20 | ≤2 | C43 |

# SURGE-TRAP® plug-in surge sockets for PCB

## SB-PCB

SB-PCB-1000PV-M

### Catalog numbers / Reference numbers

| Catalog number | Item number | Ucpv [Vdc] | Remote indication (M) | Cartridge Id. Item number | Cartridge Id. Catalog number |
|---|---|---|---|---|---|
| DC SIDE | | | | | |
| SB-PCB-1000PV-M | 83050133 | 1000 | √ | 83020006 | SP2-40K1000V-PV |
| SB-PCB-1500PV-M | 83050135 | 1500 | √ | 83020010 | SP2-40K1500V-PV |
| AC SIDE | | | | | |
| SB-PCB-275V-M | 83050119 | 275 | √ | 83020002 | SP2-40K275V |
| SB-PCB-440V-M | 83050123 | 320 | √ | 83020004 | SP2-40K440V |
| SB-PCB-750V-M | 83050127 | 440 | √ | 83020007 | SP2-30K750V |
| SB-PCB-N-M | 83050129 | 750 | √ | 83020000 | SP2-40K-N |



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# SURGE-TRAP® AC Type 2 photovoltaic SPD

## STP T2 40 3P

PRODUCT RANGE

STPT2-40K275V-3PM

### Catalog numbers / Reference numbers

| Catalog number | Item number | System type | Un [VAC] | Uc [V] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | Cartridge Id. L |
|---|---|---|---|---|---|---|---|---|---|
| STPT2-40K275V-3P | 83020134 | TNC (3Ph) | -/400 | 275 | 40 | 20 | ≤1.3 | | C06 |
| STPT2-40K275V-3PM | 83020135 | TNC (3Ph) | -/400 | 275 | 40 | 20 | ≤1.3 | √ | C06 |
| STPT2-40K320V-3P | 83020136 | TNC (3Ph) | -/480 | 320 | 40 | 20 | ≤1.4 | | C07 |
| STPT2-40K320V-3PM | 83020137 | TNC (3Ph) | -/480 | 320 | 40 | 20 | ≤1.4 | √ | C07 |
| STPT2-30K750V-3P | 83020102 | TNC (3Ph) | -/690; -/1000 | 750 | 30 | 15 | ≤3 | | CO8 |
| STPT2-30K750V-3PM | 83020103 | TNC (3Ph) | -/690; -/1000 | 750 | 30 | 15 | ≤3 | √ | CO8 |
| STPT2-30K750V-1P | 83020100 | L-N (1Ph) | 690 | 750 | 30 | 15 | ≤3 | | CO8 |
| STPT2-30K750V-1PM | 83020101 | L-N (1Ph) | 690 | 750 | 30 | 15 | ≤3 | √ | CO8 |

### Replacement cartridges

| Catalog number | Item number | Network | Un [VAC] | Uc [V] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|---|---|---|---|---|---|---|---|---|
| SP2-40K275V | 83020002 | L-N (1Ph) | 230 | 275 | 40 | 20 | ≤1.3 | C06 |
| SP2-40K320V | 83020003 | L-N (1Ph) | 277 | 320 | 40 | 20 | ≤1.4 | C07 |
| SP2-30K750V | 83020007 | L-N (1Ph) | 690 | 750 | 30 | 15 | ≤3 | C08 |

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# SURGE-TRAP® AC Type 2 reinforced peak withstand photovoltaic SPD

PRODUCT RANGE

## STP T2 30 3P-R

STPT2-30K850V-3P-R

### Catalog numbers / Reference numbers

| Catalog number | Item number | System type | UN [VAC] | UC [V] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | Upeak (l-pe) [kV] | L | PE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STPT2-30K440V-3P-R | 83020177 | IT | - / 400 | 440 | 30 | 20 | 5 | | 1,6 | C25 | C08 |
| STPT2-30K440V-3P-RM | 83020178 | IT | - / 400 | 440 | 30 | 20 | 5 | √ | 1,6 | C25 | C08 |
| STPT2-30K750V-3P-R | 83020213 | IT | - / 690 | 750 | 30 | 15 | 6 | | 2,1 | C08 | C08 |
| STPT2-30K750V-3P-RM | 83020214 | IT | - / 690 | 750 | 30 | 15 | 6 | √ | 2,1 | C08 | C08 |
| STPT2-30K850V-3P-R | 83020201 | IT | - / 690 | 850 | 30 | 15 | 6 | | 2,2 | C28 | C28 |
| STPT2-30K850V-3P-RM | 83020202 | IT | - / 690 | 850 | 30 | 15 | 6 | √ | 2,2 | C28 | C28 |
| STPT2-30K850V-1P | 83020234 | L-N (1Ph) | 690 | 850 | 30 | 15 | 3 | | - | C28 | - |
| STPT2-30K850V-1PM | 83020235 | L-N (1Ph) | 690 | 850 | 30 | 15 | 3 | √ | - | C28 | - |

### Replacement cartridges

| Catalog number | Item number | Network | Un [VAC] | Uc [V] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|---|---|---|---|---|---|---|---|---|
| SP2-40K440V | 83020004 | L-N (1Ph) | 400 | 440 | 40 | 20 | ≤2 | C25 |
| SP2-30K750V | 83020007 | L-N (1Ph) | 690 | 750 | 30 | 15 | 3 | C08 |
| SP2-30K850V | 83020022 | L-N (1Ph) | 690 | 850 | 30 | 15 | 3 | C28 |



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# SURGE-TRAP® Signal Line photovoltaic SPD

## STS 485

PRODUCT RANGE

STPT2-40K275V-3PM

STS485-5K-15V-3WI

STS485-5K-15V-3WI

### Catalog numbers / Reference numbers

| Catalog number | Item number | Un [V] | D1 (10/350) [kA] | Imax (8/20) | C2 (8/20) | Up@In (8/20) [V] | fg [MHz] | Protected wires | EOL Indication |
|---|---|---|---|---|---|---|---|---|---|
| STS485-7V-2W | 83040111 | 6 | 2,5 | 10 | 5 | 10 | 1 | 2 | |
| STS485-16V-2W | 83040112 | 12 | 2,5 | 10 | 5 | 20 | 1,2 | 2 | |
| STS485-27V-2W | 83040113 | 24 | 2,5 | 10 | 5 | 40 | 4 | 2 | |
| STS485-56V-2W | 83040114 | 48 | 2,5 | 10 | 5 | 70 | 5 | 2 | |
| STS485-15V-3WI | 83040110 | 12 | 2,5 | 10 | 5 | 45 | 10 | 2+GND | √ |
| STS485-5V-4WG | 83040120 | 5 | 2,5 | 10 | 10 | 30 | 60 | 4+GND | |

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# PV-Rated Disconnect Switches

PRODUCT RANGE

## IEC-Rated DC Switches

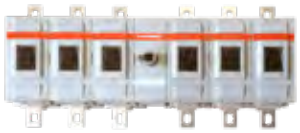
MD100E11

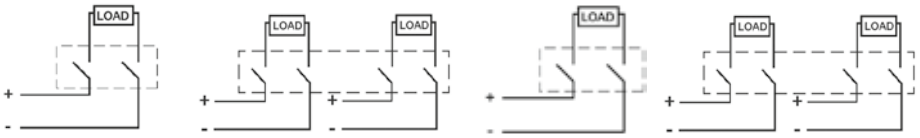
MD100E22

MD400E11

MD400E22

MD400EV12


MD315EV33




### Switch Body

| Ampere Rating | 100 | 160 | 200 | 250 | 315 | 400 | 500 |
|---|---|---|---|---|---|---|---|
| 1000VDC 2-pole Configuration | MD100E11 | MD160E11 | MD200E11 | MD250E11 | MD315E11 | MD400E11 | MD500E11 |
| 1000VDC 2x2-pole Configuration | MD100E22 | MD160E22 | MD200E22 | MD250E22 | MD315E22 | MD400E22 | MD500E22 |
| 1500VDC 3-pole Configuration | | | | | MD315EV12 | MD400EV12 | MD500EV12 |
| 1500VDC 2x3-pole Configuration | | | | | MD315EV33 | MD400EV33 | MD500EV33 |

### Handles and Shafts

HDD250

| Direct Front Operation | | | | | | | |
|---|---|---|---|---|---|---|---|
| | HDD250 | HDD250 | HDD250 | HDD250 | HDD400 | HDD400 | HDD400 |

HB65

| External Pistol Style | | |
|---|---|---|
| NEMA Type 1, 3R, 12 | HB65, HB80 | HB125, HB145 |
| NEMA Type 4, 4X | HB65X, HB80X | HB125X, HB125X |

B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65

| Shafts | | |
|---|---|---|
| Shaft—SPAxxx (xxx = length in mm) | SPA130, SPA210, SPA290, SPA360, SPA430 | SFB185, SFB280, SFB325, SFB395, SFB535 |

### Accessories

OA1G01
OA1G10

OEA28

| Auxiliary Contacts* | | | | | | | |
|---|---|---|---|---|---|---|---|
| NO Right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC left side mounting | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |

*Rated 2A max continous @690VAC

JUMP250

JC250

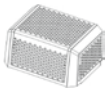
JUMP500

JC500

| Short Circuit Link | | | | | | | |
|---|---|---|---|---|---|---|---|
| For MDxxxE22 and EV33 | | | | | JUMP500-2 | JUMP500-2 | JUMP500-2 |
| For MDxxxE11, E22, EV12** | JUMP250 | JUMP250 | JUMP250 | JUMP250 | JUMP500 | JUMP500 | JUMP500 |

**Shipped with one link per circuit

JUMP500-2


JC500-2

| Terminal Shroud for Short Circuit Link | | | | | | | |
|---|---|---|---|---|---|---|---|
| For JUMP500-2 | | | | | JC500-2 | JC500-2 | JC500-2 |
| For JUMP250, JUMP500 | JC250 | JC250 | JC250 | JC250 | JC500 | JC500 | JC500 |

| Terminal Shrouds for Lugs | | | | | | | |
|---|---|---|---|---|---|---|---|
| Kit of 4 Terminal Shrouds | TS250-14 | TS250-14 | TS250-14 | TS250-14 | | | |
| 1 Terminal Shroud | | | | | TDS400 | TDS400 | TDS400 |

A shorter version is available for DC Switches up to 250A. 1 piece per package: TS250S-14

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# PV-Rated Disconnect Switches

## UL 98B Listed DC Switches

PRODUCT RANGE

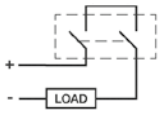
MD100U11

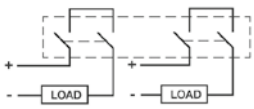
MD100U22

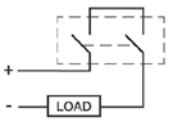
MD250UV12

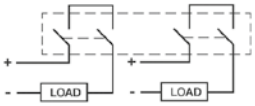
MD400U11

MD400U22




### Switch Body

| Ampere Rating | 100 | 200 | 250 | 320 | 400 |
|---|---|---|---|---|---|
| 1000VDC<br>2-pole Configuration | MD100U11 | MD200U11 | MD250U11 | MD320U11 | MD400U11 |
| 1000VDC<br>2x2-pole Configuration | MD180U22 | MD180U22 | MD180U22 | MD320U22 | MD400U22 |
| 1500VDC<br>2-pole Configuration | | | MD250UV12 | MD320UV12 | MD400UV12 |

### Handles and Shafts

HDD400

HB125

| Direct Front Operation | | | | | |
|---|---|---|---|---|---|
| 1000VDC | HDD250 | HDD250 | HDD250 | HDD400 | HDD400 |
| 1500VDC | | | HDD400 | HDD400 | HDD400 |

| External Pistol Style | | |
|---|---|---|
| NEMA Type 1, 3R, 12 | HB65, HB80 | HB125, HB145 |
| NEMA Type 4, 4X | HB65X, HB80X | HB125X, HB145X |

B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65

| Shafts | | |
|---|---|---|
| Shaft—SPAxxx<br>(xxx = length in mm),<br>SFBxxx (xxx = length in mm) | SPA130, SPA210, SPA290,<br>SPA360, SPA430 | SFB185, SFB280, SFB325, SFB395, SFB535 |

### Accessories

OA1G01
OA1G10

OEA28

| Auxiliary Contacts* | | | | | |
|---|---|---|---|---|---|
| NO Right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC left side mounting | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |

*Rated 2A max continous @690VAC

JC250

| Terminal Shroud for Short Circuit Link | | | | | |
|---|---|---|---|---|---|
| For MDxxxU11, UV12 | JC250 | JC250 | JC500 | JC500 | JC500 |
| For MDxxxU22 | JC500-2 | JC500-2 | JC500-2 | JC500-2 | JC500-2 |

JC500

| Terminal Shroud for Lugs | | | | | |
|---|---|---|---|---|---|
| Kit of 4 Terminal Shrouds | | | | | |
| 1 Terminal Shroud | TDS400 | TDS400 | TDS400 | TDS400 | TDS400 |

JC500-2

A shorter version is available for DC switches up to 250A. 1 piece per package: TDS250S.

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# PV-Rated Disconnect Switches

PRODUCT RANGE

## UL 98B DC-rated Non-Fused switches

| Part # | Description | Ref # |
|---|---|---|
| MD100U11 | DC Switch 100A UL 2p | X1043231 |
| MD180U22 | DC Switch 180A UL 4p | Y1043232 |
| MD200U11 | DC Switch 200A UL 2p | Z1043233 |
| MD250U11 | DC Switch 250A UL 2p | A1043234 |
| MD250U22 | DC Switch 250A UL 4p | B1043235 |
| MD320U11 | DC Switch 320A UL 2p | C1043236 |
| MD320U22 | DC Switch 320A UL 4p | D1043237 |
| MD400U11 | DC Switch 400A UL 2p | E1043238 |
| MD400U22 | DC Switch 400A UL 4p | F1043239 |
| MD250UV12 | DC Switch 250A UL 1500V 3p | L1050926 |
| MD320UV12 | DC Switch 320A UL 1500V 3p | M1050927 |
| MD400UV12 | DC Switch 400A UL 1500V 3p | N1050928 |

## IEC DC-rated Non-Fused switches

| Part # | Description | Ref # |
|---|---|---|
| MD100E11 | DC Switch 100A IEC 1000V 2p | G1043217 |
| MD160E11 | DC Switch 160A IEC 1000V 2p | H1043218 |
| MD200E11 | DC Switch 200A IEC 1000V 2p | J1043219 |
| MD250E11 | DC Switch 250A IEC 1000V 2p | K1043220 |
| MD100E22 | DC Switch 100A IEC 2x1000V 4p | L1043221 |
| MD160E22 | DC Switch 160A IEC 2x1000V 4p | M1043222 |
| MD200E22 | DC Switch 200A IEC 2x1000V 4p | N1043223 |
| MD250E22 | DC Switch 250A IEC 2x1000V 4p | P1043224 |
| MD315E11 | DC Switch 315A IEC 1000V 2p | Q1043225 |
| MD400E11 | DC Switch 400A IEC 1000V 2p | R1043226 |
| MD500E11 | DC Switch 500A IEC 1000V 2p | S1043227 |
| MD315E22 | DC Switch 315A IEC 2x1000V 4p | T1043228 |
| MD400E22 | DC Switch 400A IEC 2x1000V 4p | V1043229 |
| MD500E22 | DC Switch 500A IEC 2x1000V 4p | W1043230 |
| MD315EV12 | DC Switch 315A IEC 1500V 3p | C1050918 |
| MD400EV12 | DC Switch 400A IEC 1500V 3p | D1050919 |
| MD500EV12 | DC Switch 500A IEC 1500V 3p | E1050920 |
| MD315EV33 | DC Switch 315A IEC 2x1500V 6p | F1050921 |
| MD400EV33 | DC Switch 400A IEC 2x1500V 6p | G1050922 |
| MD500EV33 | DC Switch 500A IEC 2x1500V 6p | J1050924 |

## Handles

| Part # | Description | Ref # |
|---|---|---|
| HB65 | Handle black65mm IP65 NEMA 3R | W1043368 |
| HB65X | Handle black 65mm IP65 NEMA 4X | X1043369 |
| HB95 | Handle black 95mm IP65 NEMA 3R | N1043913 |
| HB95X | Handle black 95mm IP65 NEMA 4X | P1043914 |
| HB125 | Handle black 125mm IP65 NEMA 3R | A1043372 |
| HB125X | Handle black 125mm IP65 NEMA 4X | B1043373 |
| HR65 | Handle red 65mm IP65 NEMA 3R | G1043378 |
| HR65X | Handle red 65mm IP65 NEMA 4X | H1043379 |
| HR95 | Handle red 95mm IP65 NEMA 3R | S1043917 |
| HR95X | Handle red 95mm IP65 NEMA 4X | T1043918 |
| HR125 | Handle red 125mm IP65 NEMA 3R | K1043381 |
| HR125X | Handle red125mm IP65 NEMA 4X | L1043382 |
| HDD250 | Handle direct MD100-250 | G1047794 |
| HDD400 | Handle direct MD315-500 | H1047795 |

## Shafts

| Part # | Description | Ref # |
|---|---|---|
| SFB280 | Shaft SwitchFuse 12x12x280mm | F1043423 |
| SFB325 | Shaft SwitchFuse 12x12x325mm | G1043424 |
| SFB395 | Shaft SwitchFuse 12x12x395mm | H1043425 |
| SPA130 | Shaft pistol handle 6x6x130mm | V1043919 |
| SPA210 | Shaft pistol handle 6x6x210mm | P1043431 |
| SPA290 | Shaft pistol handle 6x6x290mm | Q1043432 |
| SPA360 | Shaft pistol handle 6x6x360mm | W1043920 |
| SPA430 | Shaft pistol handle 6x6x430mm | X1043921 |

## Terminal Shrouds

| Part # | Description | Ref # |
|---|---|---|
| TS250-14 | Term.shrd 250A switch 1p L/4 | A1043464 |
| TDS400 | Term.shrd MD250-500 1p L/1 | A1045534 |
| TDS250S | Term.shrd MD100-250 1p S /1 | Z1045533 |

## Jumpers

| Part # | Description | Ref # |
|---|---|---|
| JUMP250 | Jumper bar for 250A DC switch | F1043469 |
| JUMP500 | Jumper bar for 500A DC switch | G1043470 |
| JUMP500-2 | Jumper bar for 1500V E33 | S1051300 |
| JC250 | Jumper cover for JUMP250 | H1043471 |
| JC500 | Jumper cover for JUMP500 | J1043472 |
| JC500-2 | Jumper cover for JUMP500-2 | V1051302 |



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# LOW VOLTAGE SWITCHES

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# IEC Low Voltage Disconnect Switches

## Front and Side Operated

M25F30S

25A, F fused, with 3 poles on left side of handle, side operated

M63D03

63A, D fused, with 3 poles on right side of handle

## Switch Body

## Handles

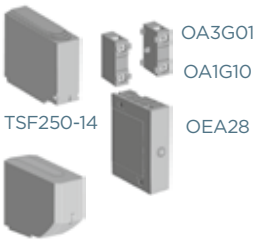
HB65

HDF200

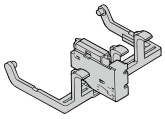
## Shafts

SA105

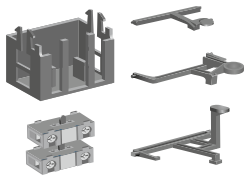
## Accessories



OA3G01
OA1G10
TSF250-14
OEA28
TSF400-14



BFM25P3



BFM800DP3

| Ampere Rating | 25 | 50 | 125 | 63 | 160 | 200 | 250 |
|---|---|---|---|---|---|---|---|
| Base Cat # | M25 | M50 | M125 | M63 | M160 | M200 | M250 |
| Fuse Type | F | F | F | D | D | D | D |
| 3-pole Configuration | 12, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S |
| Fuse Size | 10x38 | 14x51 | 22x58 | 000 | 00 | 0 | 0-1 |

| Switch Body Ampere Rating | 25 | 50 | 125 | 63 | 160 | 200 | 250 |
|---|---|---|---|---|---|---|---|
| Fourth Pole | | | | | | | |
| Fusible Fourth Pole | | | | | | 4PD200 | 4PD250 |

| Direct Front Operation | | | | | | | |
|---|---|---|---|---|---|---|---|
| | HDF30 | HDF200 | HDF200 | HDF200 | HDF200 | HDF250T | HDF250T |

| External Front Operation - Pistol Style | | | | | | | |
|---|---|---|---|---|---|---|---|
| NEMA Type 1, 3R, 12, IP65 | HB45/65 | HB45/65 | HB65 | HB65 | HB65 | HB65 | HB65 |
| NEMA Type 4, 4X | HB45X | HB45X | HB65X | HB65X | HB65X | HB65X | HB65X |
| B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR45 | | | | | | | |

| External Right-Side Operation - Pistol Style | | | | | | | |
|---|---|---|---|---|---|---|---|
| NEMA 1, 3R, IP65 | HB65S | HB65S | HB65S | HB65S | HB65S | HB65S | HB65S |

| Shafts | | | | | | | |
|---|---|---|---|---|---|---|---|
| | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ |
| Lengths: 210, 290, 360, 430 Ex. SPA210 | | | | | | | |

| Terminal Shrouds | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3-pole | | | TSF160-13 | | TSF160-13 | TSF200-13 | TSF250-13 |
| 4-pole | | | TSF160-14 | | TSF160-14 | TSF200-14 | TSF250-14 |

| Auxiliary Contacts | | | | | | | |
|---|---|---|---|---|---|---|---|
| NO, use with OSZ4 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC, use with OSZ4 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| NO, between poles | OA4B1C | | | | | | |
| Mounting plate OA1G10/OA3G01 | OSZ4 | Not needed | Not needed | Not needed | Not needed | Not needed | Not needed |
| Module for 8 aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |

| Blown fuse indicators (DPMM), Striker type fuse needed | | | | | | | |
|---|---|---|---|---|---|---|---|
| Kit 3 poles 1 contact | BFM25FP3 | | | | | | |
| Kit 3poles 3 contacts | | BFM50FP3 | BFM125FP3 | | | | |
| Kit 3poles 3NO+NC | | | | | | | BFM800DP3 |

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# IEC Low Voltage Disconnect Switches

## Front and Side Operated

M400D03S

400A, DIN fused, 3 poles on left side of handle

M800D03

800A, DIN fused, with 3 poles on right side of handle

M1250D03

1250A, DIN fused, with 3 poles on the right side of handle

## Switch Body

## Handles

HB125

HDF400

## Shafts

SFB135

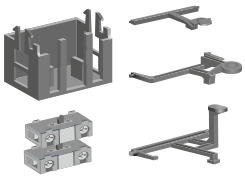
## Accessories

OA1G01

OA1G10

OEA28

TSF400-14



BFM800DP3

| Ampere Rating | 400 | 630 | 800 | 1250 |
|---|---|---|---|---|
| Base Cat # | M400 | M630 | M800 | M1250 |
| Fuse Type | D | D | D | D |
| 3-pole Configuration | 03, 30S | 03, 30S | 03, 30S | 03 |
| Fuse Size | 0-2 | 3 | 3 | 4 |
| **Fourth Pole** | | | | |
| Fusible Fourth Pole | 4PD400 | 4PD800 | 4PD800 | 4PD1250 |
| **Direct Front Operation** | | | | |
| | HDF400T | HDF800T | HDF800T | HDF1250T |
| **External Front Operation - Pistol Style** | | | | |
| NEMA Type 1, 3R, 12, IP65 | HB95 | HB145 | HB274 | HB274 |
| NEMA Type 4, 4X | HB95X | HB145X | HB274X | HB274X |
| B = Black. Substitute “R” for “B” if a red handle is desire. Ex. HR95. | | | | |
| **External Right-Side Operation - Pistol Style** | | | | |
| NEMA Type 1, 3R, 12, IP65 | HB145S | HB145S | HB145S | HB145S |
| **Shafts** | | | | |
| Shaft | SFB__ | SFB__ | SFB__ | SFB__ |
| Lengths: 280, 325, 395mm Ex. SFB280 | | | | |
| **Terminal Shrouds** | | | | |
| 3-pole | TSF400-13 | TSF800-13 | TSF800-13 | TSF1250-13 |
| 4-pole | TSF400-14 | TSF800-14 | TSF800-14 | TSF1250-14 |
| **Auxiliary Contacts** | | | | |
| Normally open | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| Normally closed | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for 8 aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 |
| **Blown fuse indicators (DPMM), Striker type fuse needed** | | | | |
| Kit 3poles 3NO+NC | BFM800DP3 | BFM800DP3 | BFM800DP3 | |



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# IEC Low Voltage Disconnect Switches

M400D03S

400A, DIN fused, 3 poles on left side of handle

## IEC Fused Switches - Front Operated

| Cat # | Description | Ref # | W* | Pkg |
|---|---|---|---|---|
| M25F12 | Switch.fus 25A FR10 1+2 pos. | H1043264 | 0.70 | 1 |
| M50F03 | Switch.fus 50A FR14 0+3 pos. | K1043266 | 1.3 | 1 |
| M63D03 | Switch.fus 63A 000 0+3 pos. | M1043268 | 1.3 | 1 |
| M125F03 | Switch.fus 125A FR22 0+3 pos. | P1043270 | 1.5 | 1 |
| M160D03 | Switch.fus 160A 00 0+3 pos. | R1043272 | 1.52 | 1 |
| M200D03 | Switch.fus 200A 0 0+3 pos. | T1043274 | 3.3 | 1 |
| M250D03 | Switch.fus 250A 0-1 0+3 pos. | W1043276 | 3.93 | 1 |
| M400D03 | Switch.fus 400A 0-2 0+3 pos. | Y1043278 | 7.1 | 1 |
| M630D03 | Switch.fus 630A 3 0+3 pos. | A1043280 | 13 | 1 |
| M800D03 | Switch.fus 800A 3 0+3 pos. | C1043282 | 13 | 1 |
| M1250D03 | Switch.fus 1250A 4 0+3 pos. | E1043284 | 45 | 1 |

M25F30S

25A, F fused, with 3 poles on left side of handle, side operated

## IEC Fused Switches - Side Operated

| Cat # | Description | Ref # | W* | Pkg |
|---|---|---|---|---|
| M25F30S | Switch.fus 25A FR10 R side op. | J1043265 | 0.70 | 1 |
| M50F30S | Switch.fus 50A FR14 R side op. | L1043267 | 1.2 | 1 |
| M63D30S | Switch.fus 63A 000 R side op. | N1043269 | 1.2 | 1 |
| M125F30S | Switch.fus 125A FR22 Rside op. | Q1043271 | 1.6 | 1 |
| M160D30S | Switch.fus 160A 00 R side op. | S1043273 | 1.6 | 1 |
| M200D30S | Switch.fus 200A 0 R side op. | V1043275 | 3.3 | 1 |
| M250D30S | Switch.fus 250A 0-1 R side op. | X1043277 | 4.15 | 1 |
| M400D30S | Switch.fus 400A 0-2 R side op. | Z1043279 | 7.18 | 1 |
| M630D30S | Switch.fus 630A 3 R side op. | B1043281 | 13.9 | 1 |
| M800D30S | Switch.fus 800A 3 R side op. | D1043283 | 13.9 | 1 |

## IEC Fourth Poles

| Cat # | Description | Ref # | W* | Pkg |
|---|---|---|---|---|
| 4PD200 | Fourth Fusible pole for M200D | J1045473 | - | 1 |
| 4PD250 | Fourth Fusible pole for M250D | K1045474 | - | 1 |
| 4PD400 | Fourth Fusible pole for M400D | L1045475 | - | 1 |
| 4PD800 | Fourth Fusible pole for M800D | M1045476 | - | 1 |
| 4PD1250 | Fourth Fusible pole for M1250D | N1045477 | - | 1 |

*Weight in kg without packaging.

HR45

## Handles

| Cat # | Description | Ref # | W* | Pkg |
|---|---|---|---|---|
| HDF30 | Handle direct SF 40A max | P1043408 | 0.05 | 1 |
| HDF200 | Handle direct SF 200A | P1043385 | 0.14 | 1 |
| HDF400 | Handle direct SF 400A | Q1043386 | 0.33 | 1 |
| HDF800T | Handle dir. SF 800A butterfly | R1043387 | 1.1 | 1 |
| HDF1250T | Handle dir. SF 1250A butterfly | S1043388 | 1.5 | 1 |
| HDF250T | Handle dir. SF 250A butterfly | T1043389 | 0.16 | 1 |
| HDF400T | Handle dir. SF 400A butterfly | V1043390 | 0.34 | 1 |
| HB45 | Handle black45mm IP65 NEMA 3R | L1043911 | 0.10 | 1 |
| HB45X | Handle black 45mm IP65 NEMA 4X | M1043912 | 0.10 | 1 |
| HB65 | Handle black65mm IP65 NEMA 3R | W1043368 | 0.12 | 1 |
| HB65S | Handle black 65mm Right Side | A1044361 | 0.10 | 1 |
| HB65X | Handle black 65mm IP65 NEMA 4X | X1043369 | 0.12 | 1 |
| HB80 | Handle black 80mm IP65 NEMA 3R | Y1043370 | 0.12 | 1 |
| HB80X | Handle black 80mm IP65 NEMA 4X | Z1043371 | 0.12 | 1 |
| HB95 | Handle black 95mm IP65 NEMA 3R | N1043913 | 0.01 | 1 |
| HB95X | Handle black 95mm IP65 NEMA 4X | P1043914 | 0.01 | 1 |
| HB125 | Handle black125mm IP65 NEMA 3R | A1043372 | 0.16 | 1 |
| HB125X | Handle black125mm IP65 NEMA 4X | B1043373 | 0.12 | 1 |
| HB145 | Handle black145mm IP65 NEMA 3R | C1043374 | 0.17 | 1 |
| HB145S | Handle black 145mm Right Side | B1044362 | 0.15 | 1 |
| HB145X | Handle black145mm IP65 NEMA 4X | D1043375 | 0.17 | 1 |
| HB274 | Handle black274mm IP65 NEMA 3R | D1043398 | 0.515 | 1 |
| HB274X | Handle black274mm IP65 NEMA 4X | E1043376 | 0.515 | 1 |
| HB330 | Handle black330mm IP65 NEMA 3R | E1043399 | 0.55 | 1 |
| HB330X | Handle black330mm IP65 NEMA 4X | F1043377 | 0.55 | 1 |
| HR45 | Handle red 45mm IP65 NEMA 3R | Q1043915 | 0.10 | 1 |
| HR45X | Handle red 45mm IP65 NEMA 4X | R1043916 | 0.10 | 1 |
| HR65 | Handle red 65mm IP65 NEMA 3R | G1043378 | 0.120 | 1 |
| HR65X | Handle red 65mm IP65 NEMA 4X | H1043379 | 0.12 | 1 |
| HR80 | Handle red 80mm IP65 NEMA 3R | F1043400 | 0.12 | 1 |
| HR80X | Handle red 80mm IP65 NEMA 4X | J1043380 | 0.12 | 1 |
| HR95 | Handle red 95mm IP65 NEMA 3R | S1043917 | 0.16 | 1 |
| HR95X | Handle red 95mm IP65 NEMA 4X | T1043918 | 0.16 | 1 |
| HR125 | Handle red 125mm IP65 NEMA 3R | K1043381 | 0.17 | 1 |
| HR125X | Handle red125mm IP65 NEMA 4X | L1043382 | 0.17 | 1 |
| HR145 | Handle red 145mm IP65 NEMA 3R | M1043383 | 0.2 | 1 |
| HR145X | Handle red 145mm IP65 NEMA 4X | N1043384 | 0.17 | 1 |
| HR274 | Handle red 274mm IP65 NEMA 3R | G1043401 | 0.515 | 1 |
| HR330 | Handle red 330mm IP65 NEMA 3R | H1043402 | 0.55 | 1 |

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# IEC Low Voltage Disconnect Switches

SFB135

TSF250-14

## Shafts

| Cat # | Description | Ref # | W* | Pkg |
|---|---|---|---|---|
| SFB280 | Shaft SwitchFuse 12x12x280mm | F1043423 | 0.31 | 1 |
| SFB325 | Shaft SwitchFuse 12x12x325mm | G1043424 | 0.41 | 1 |
| SFB395 | Shaft SwitchFuse 12x12x395mm | H1043425 | 0.45 | 1 |
| SPA210 | Shaft pistol handle 6x6x210mm | P1043431 | 0.11 | 1 |
| SPA290 | Shaft pistol handle 6x6x290mm | Q1043432 | 0.14 | 1 |
| SPA360 | Shaft pistol handle 6x6x360mm | W1043920 | | 1 |
| SPA430 | Shaft pistol handle 6x6x430mm | X1043921 | | 1 |

OA1G10

## Other accessories

| Cat # | Description | Ref # | W* | Pkg |
|---|---|---|---|---|
| OA1G10 | Auxiliary Contact NO | P1043477 | 0.03 | 1 |
| OA3G01 | Aux.Contact NC Switch160-2500A | R1043479 | 0.03 | 1 |
| OA4B1C | Aux.Contact 1+1 SF 40A | K1043473 | 0.03 | 1 |
| OSZ4 | Mounting plate OA1G10/ OA3G01 | L1043474 | 0.06 | 1 |
| OEA28 | Module for SF aux. contacts | M1043475 | 0.04 | 1 |
| BFM25FP3 | Kit DPMM 3p 1 contact M25F | E1048896 | | 1 |
| BFM50FP3 | Kit DPMM 3P 3Cont. M50F | P1045478 | | 1 |
| BFM125FP3 | Kit DPMM 3P 3Cont. M125F | Q1045479 | | 1 |
| BFM800DP3 | Kit DPMM 3P 3NO+3NC M250-800D | R1045480 | | 1 |

*Weight in kg without packaging.

## Terminal shrouds

| Cat # | Description | Ref # | W* | Pkg |
|---|---|---|---|---|
| TSF160-13 | Term.shrd 160A Swch.fus1pL /3 | V1043436 | 0.04 | 1 |
| TSF160-14 | Term.shrd 160A Swch.fus1pL /4 | W1043437 | 0.04 | 1 |
| TSF200-13 | Term.shrd 200A Swch.fus1pL /3 | J1043449 | 0.008 | 3 |
| TSF200-14 | Term.shrd 200A Swch.fus1pL /4 | V1043459 | 0.012 | 4 |
| TSF800-13 | Term.shrd 800A Swch.fus1pL /3 | K1043450 | 0.01 | 3 |
| TSF800-14 | Term.shrd 800A Swch.fus1pL /4 | W1043460 | 0.01 | 4 |
| TSF1250-13 | Ter.shrd 1250A Swch.fus1pL /3 | L1043451 | 0.01 | 3 |
| TSF1250-14 | Ter.shrd 1250A Swch.fus1pL /4 | X1043461 | 0.00 | 4 |
| TSF250-13 | Term.shrd 250A Swch.fus1pL /3 | M1043452 | 0.008 | 3 |
| TSF250-14 | Term.shrd 250A Swch.fus1pL /4 | Y1043462 | 0.012 | 4 |
| TSF400-13 | Term.shrd 400A Swch.fus1pL /3 | N1043453 | 0.008 | 3 |
| TSF400-14 | Term.shrd 400A Swch.fus1pL /4 | Z1043463 | 0.001 | 4 |



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# IEC Disconnect Switches – Front Operated

M163

M163DM

M633

M633DM

M100U3 - M125E3

## Switch Body

## Handles and Shafts

HSBX

HD40

HB65

SA105 SPA130

## Accessories

4P40 4P80

OA1G10 OA2G11 OA1G01

| Ampere Rating | 16 | 25 | 40 | 63 | 80 | 100 | 125 |
|---|---|---|---|---|---|---|---|
| **Base Cat #** | **M163** | **M253** | **M403** | **M633** | **M803** | **M100U3** | **M125E3** |
| Door-mounted version | M163DM | M253DM | M403DM | M633DM | M803DM | M100U3DM | |
| **Direct Front Operation Locking Handle** | | | | | | | |
| | HD40 | HD40 | HD40 | HD125 | HD125 | HD125 | HD125 |
| **External Front Operation** | | | | | | | |
| Selector Style IP65, NEMA 1, 3R, 12 | HSBX | HSBX | HSBX | HSBX | HSBX | HSBX | HSBX |
| Shaft Lengths: 85, 130, 180, 250 Ex. SA130 | SA__ | SA__ | SA__ | SA__ | SA__ | SA__ | SA__ |
| Door mounted version (no shaft required) | HSBPDM | HSBPDM | HSBPDM | HSBWDM | HSBWDM | HSBWDM | HSBWDM |
| Pistol Style IP65, NEMA 1, 3R, 12 | HB45 | HB45 | HB45 | HB45 | HB45 | HB45 | HB45 |
| NEMA Type 4, 4X | HB45X | HB45X | HB45X | HB45X | HB45X | HB45X | HB45X |
| Shaft Lengths: 210, 290 Ex. SPA210 | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ |
| B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65 | | | | | | | |
| **Fourth Poles** | | | | | | | |
| Limited to one additional pole per switch | 4P40 | 4P40 | 4P40 | 4P80 | 4P80 | 4P125 | 4P125 |
| **Neutral Poles** | | | | | | | |
| Limited to one additional pole per switch | NP40 | NP40 | NP40 | NP80 | NP80 | NP125 | NP125 |
| **Terminal Shrouds** | | | | | | | |
| 3-pole, 1 terminal shroud for 3 poles | TS40-3 | TS40-3 | TS40-3 | TS63-3 | TS63-3 | TS125-3 | TS125-3 |
| 1 to 4-poles, 1 terminal shroud per pole | TS40-1 | TS40-1 | TS40-1 | TS63-1 | TS63-1 | TS125-1 | TS125-1 |
| **Auxiliary Contacts** | | | | | | | |
| NC left or right side mounting | OA1G01 | OA1G01 | OA1G01 | OA1G01 | OA1G01 | OA1G01 | OA1G01 |
| NO left or right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NO+NC (Mounting on either side) | OA2G11 | OA2G11 | OA2G11 | OA2G11 | OA2G11 | OA2G11 | OA2G11 |

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# IEC Front and Side Operated

M200E30S

M630E03

## Switch Body

## Handles and Shafts

HD250

HB65

## Accessories

4P40 4P80 4P125

4P250 TS250-1

OA1G10 OA1G01 OEA28

| Ampere Rating | 200 | 250 | 315 | 400 | 630 | 800 |
|---|---|---|---|---|---|---|
| Base Cat # | M200E | M250E | M315E | M400E | M630E | M800E |
| 3-pole | 03, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S |
| **Direct Front Operation Locking Handle** | | | | | | |
| | HD250 | HD250 | HD400 | HD400 | HD800 | HD800 |
| **External Front Operation** | | | | | | |
| Pistol Style NEMA 1, 3R, 12 | HB65/HB80 | HB65/HB80 | HB125 | HB125 | HB125 | HB125 |
| NEMA 4, 4X | HB65X/ HB80X | HB65X/ HB80X | HB125X | HB125X | HB125X | HB125X |
| Pistol Type, right side operation | HB65S | HB65S | HB145S | HB145S | HB145S | HB145S |
| Shaft— Lengths 210, 290, 360, 430 Ex. SPA210<br>Shaft— Lengths 280, 325, 395 Ex. SFB325 | SPA__ | SPA__ | SFB__ | SFB__ | SFB__ | SFB__ |
| B = Black. Substitute “R” for “B” if red handle is desired. Ex. HR80. | | | | | | |
| **Fourth Poles** | | | | | | |
| | 4P250 | 4P250 | 4P400 | 4P400 | 4P800 | 4P800 |
| **Terminal Shrouds** | | | | | | |
| Kit for 3 poles | TS250-13 | TS250-13 | TS400-13 | TS400-13 | TS800-13 | TS800-13 |
| Kit for 4 poles | TS250-14 | TS250-14 | TS400-14 | TS400-14 | TS800-14 | TS800-14 |
| Shorter terminal shrouds versions are also available if desired. Ex. TS250S-13 for switches up to 250A | | | | | | |
| **Auxiliary Contacts** | | | | | | |
| Normally Open | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | |
| Normally Closed | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | |



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# IEC Front and Side Operated

M1250E03

## Switch Body

## Handles and Shafts

## Accessories

4P40 4P80 4P125

4P250 TS250-1

OA1G10 OA1G01 OEA28

| Ampere Rating | 1000 | 1250 | 1600 | 2000 | 2500 | 3200 | 4000 |
|---|---|---|---|---|---|---|---|
| Base Cat # | M1000E | M1250E | M1600E | M2000E | M2500E | M3200E | M4000E |
| 3-pole | 03 | 03 | 03 | 03 | 03 | 03 | 03 |
| **Direct Front Operation Locking Handle** | | | | | | | |
| | HD1000 | HD1000 | HD1000 | HD1000 | HD1000 | HD1000 | HD1000 |
| **External Front Operation** | | | | | | | |
| Pistol Style NEMA 1, 3R, 12 | HB274 | HB274 | HB274 | HB274 | HB274 | HB274 | HB274 |
| NEMA 4, 4X | HB274X | HB274X | HB274X | HB274X | HB274X | HB274X | HB274X |
| Shaft— Lengths: 280, 325,395 Ex. SFB325 | SFB__ | SFB__ | SFB__ | SFB__ | SFB__ | SFB__ | SFB__ |
| B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR274 | | | | | | | |
| **Fourth Poles** | | | | | | | |
| | 4P1250 | 4P1250 | 4P1600 | 4P2500 | 4P2500 | | |
| **Terminal Shrouds** | | | | | | | |
| Kit for 3 poles | TS1600-13 | TS1600-13 | TS1600-13 | | | | |
| Kit for 4 poles | TS1600-14 | TS1600-14 | TS1600-14 | | | | |
| **Auxiliary Contacts** | | | | | | | |
| Normally Open | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| Normally Closed | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |

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# IEC Low Voltage Disconnect Switches

M100U3 - M125E3

HB65

## IEC Non-Fused switches, front-operated

| Cat # | Description | Ref # |
|---|---|---|
| M163 | IEC UL508 Switch 16A 3p | A1043188 |
| M253 | IEC UL508 Switch 25A 3p | B1043189 |
| M403 | IEC UL508 Switch 40A 3p | C1043190 |
| M633 | IEC UL508 Switch 63A 3p | D1043191 |
| M803 | IEC UL508 Switch 80A 3p | E1043192 |
| M100U3 | IEC UL98 Switch 100A 3p | F1043193 |
| M125E3 | IEC Switch 125A 3p | G1043194 |
| M163DM | IEC UL508 Switch 16A 3p DM | E1043169 |
| M253DM | IEC UL508 Switch 25A 3p DM | F1043170 |
| M403DM | IEC UL508 Switch 40A 3p DM | K1043174 |
| M633DM | IEC UL508 Switch 63A 3p DM | M1043176 |
| M803DM | IEC UL508 Switch 80A 3p DM | N1043177 |
| M100U3DM | IEC UL98 Switch 100A 3p DM | P1043178 |
| M200E03 | IEC Switch 200A 3p 0+3 pos. | H1043195 |
| M250E03 | IEC Switch 250A 3p 0+3 pos. | K1043197 |
| M315E03 | IEC Switch 315A 3p 0+3 pos. | M1043199 |
| M400E03 | IEC Switch 400A 3p 0+3 pos. | P1043201 |
| M630E03 | IEC Switch 630A 3p 0+3 pos. | R1043203 |
| M800E03 | IEC Switch 800A 3p 0+3 pos. | T1043205 |
| M1000E03 | IEC Switch 1000A 3p 0+3 pos. | W1043207 |
| M1250E03 | IEC Switch 1250A 3p 0+3 pos. | X1043208 |
| M1600E03 | IEC Switch 1600A 3p 0+3 pos. | Y1043209 |
| M2000E03 | IEC Switch 2000A 3p 0+3 pos. | Z1043210 |
| M2500E03 | IEC Switch 2500A 3p 0+3 pos. | A1043211 |
| M3200E03 | IEC Switch 3200A 3p 0+3 pos. | B1043212 |
| M4000E03 | IEC Switch 4000A 3p 0+3 pos. | C1043213 |

## IEC Non-Fused switches, side-operated

| Cat # | Description | Ref # |
|---|---|---|
| M200E30S | IEC Switch 200A 3p R side op. | J1043196 |
| M250E30S | IEC Switch 250A 3p R side op. | L1043198 |
| M315E30S | IEC Switch 315A 3p R side op. | N1043200 |
| M400E30S | IEC Switch 400A 3p R side op. | Q1043202 |
| M630E30S | IEC Switch 630A 3p R side op. | S1043204 |
| M800E30S | IEC Switch 800A 3p R side op. | V1043206 |

## Handles

| Cat # | Description | Ref # |
|---|---|---|
| HD40 | Handle direct Switch 40A | L1043405 |
| HSBX | Handle selector black | M1043406 |
| HSRX | Handle selector red | N1043407 |
| HB45 | Handle black45mm IP65 NEMA 3R | L1043911 |
| HB45X | Handle black 45mm IP65 NEMA 4X | M1043912 |
| HR45 | Handle red 45mm IP65 NEMA 3R | Q1043915 |
| HR45X | Handle red 45mm IP65 NEMA 4X | R1043916 |
| HD125 | Handle direct Switch 125A | K1043404 |
| HD250 | Handle direct Switch 250A | W1043391 |
| HD400 | Handle direct Switch 400A | X1043392 |
| HD800 | Handle direct Switch 800A | Y1043393 |
| HD1000 | Handle direct Switch 1000A | J1043403 |
| HB65 | Handle black65mm IP65 NEMA 3R | W1043368 |
| HB65S | Handle black 65mm Right Side | A1044361 |
| HB65X | Handle black 65mm IP65 NEMA 4X | X1043369 |
| HB80 | Handle black 80mm IP65 NEMA 3R | Y1043370 |
| HB80X | Handle black 80mm IP65 NEMA 4X | Z1043371 |
| HB95 | Handle black 95mm IP65 NEMA 3R | N1043913 |
| HB95X | Handle black 95mm IP65 NEMA 4X | P1043914 |
| HB125 | Handle black125mm IP65 NEMA 3R | A1043372 |
| HB125X | Handle black125mm IP65 NEMA 4X | B1043373 |
| HB145 | Handle black145mm IP65 NEMA 3R | C1043374 |
| HB145S | Handle black 145mm Right Side | B1044362 |
| HB145X | Handle black145mm IP65 NEMA 4X | D1043375 |
| HB274 | Handle black274mm IP65 NEMA 3R | D1043398 |
| HB274X | Handle black274mm IP65 NEMA 4X | E1043376 |
| HB330 | Handle black330mm IP65 NEMA 3R | E1043399 |
| HB330X | Handle black330mm IP65 NEMA 4X | F1043377 |
| HR65 | Handle red 65mm IP65 NEMA 3R | G1043378 |
| HR65X | Handle red 65mm IP65 NEMA 4X | H1043379 |
| HR80 | Handle red 80mm IP65 NEMA 3R | F1043400 |
| HR80X | Handle red 80mm IP65 NEMA 4X | J1043380 |
| HR95 | Handle red 95mm IP65 NEMA 3R | S1043917 |
| HR95X | Handle red 95mm IP65 NEMA 4X | T1043918 |
| HR125 | Handle red 125mm IP65 NEMA 3R | K1043381 |
| HR125X | Handle red125mm IP65 NEMA 4X | L1043382 |
| HR145 | Handle red 145mm IP65 NEMA 3R | M1043383 |
| HR145X | Handle red 145mm IP65 NEMA 4X | N1043384 |
| HR274 | Handle red 274mm IP65 NEMA 3R | G1043401 |
| HR330 | Handle red 330mm IP65 NEMA 3R | H1043402 |
| HSBPDM | Handle Select black snap door | X1044358 |
| HSBWDM | Handle Select black screw door | Y1044359 |
| HSRPDM | Handle Select red snap door | E1047792 |
| HSRWDM | Handle Select red screw door | D1047791 |



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# IEC Low Voltage Disconnect Switches

## Shafts

| Cat # | Description | Ref # |
|---|---|---|
| SA85 | Shaft selector handle 6x6x85mm | J1043426 |
| SA105 | Shaft select. handle 6x6x105mm | K1043427 |
| SA120 | Shaft select. handle 6x6x120mm | L1043428 |
| SA130 | Shaft select. handle 6x6x130mm | M1043429 |
| SA180 | Shaft select. handle 6x6x180mm | N1043430 |
| SA250 | Shaft pistol handle 6x6x250mm | R1043433 |
| SPA130 | Shaft pistol handle 6x6x130mm | V1043919 |
| SPA210 | Shaft pistol handle 6x6x210mm | P1043431 |
| SPA290 | Shaft pistol handle 6x6x290mm | Q1043432 |
| SPA360 | Shaft pistol handle 6x6x360mm | W1043920 |
| SPA430 | Shaft pistol handle 6x6x430mm | X1043921 |
| SFB185 | Shaft SwitchFuse 12x12x185mm | F1048897 |
| SFB280 | Shaft SwitchFuse 12x12x280mm | F1043423 |
| SFB325 | Shaft SwitchFuse 12x12x325mm | G1043424 |
| SFB395 | Shaft SwitchFuse 12x12x395mm | H1043425 |

## Terminal Shrouds

| Cat # | Description | Ref # |
|---|---|---|
| TS40-1 | Term.shrd 40A switch 1p S | B1043442 |
| TS40-3 | Term.shrd 40A switch 3p L | C1043443 |
| TS63-1 | Term.shrd 63A switch 1p S | D1043444 |
| TS63-3 | Term.shrd 63A switch 3p L | E1043445 |
| TS125-1 | Term.shrd 125A switch 1p S | F1043446 |
| TS125-3 | Term.shrd 25A switch 3p L | G1043447 |
| TS250-13 | Term.shrd 250A switch 1p L /3 | P1043454 |
| TS250-14 | Term.shrd 250A switch 1p L /4 | A1043464 |
| TS400-13 | Term.shrd 400A switch 1p L /3 | Q1043455 |
| TS400-14 | Term.shrd 400A switch 1p L /4 | B1043465 |
| TS800-13 | Term.shrd 800A switch 1p L /3 | R1043456 |
| TS800-14 | Term.shrd 800A switch 1p L /4 | C1043466 |
| TS1600-13 | Term.shrd 1600A switch 1p L /3 | S1043457 |
| TS1600-14 | Term.shrd 1600A switch1p L /4 | D1043467 |
| TS2500-13 | Term.shrd 2500A switch1p L /3 | T1043458 |
| TS2500-14 | Term.shrd 2500A switch1p L /4 | E1043468 |
| TS250S-13 | KIT 3 Term.shrd M250 1p S | P1048905 |
| TS250S-14 | KIT 4 Term.shrd M250 1p S | Q1048906 |
| TS400S-13 | KIT 3 Term.shrd M400 1p S | R1048907 |
| TS400S-14 | KIT 4 Term.shrd M400 1p S | S1048908 |
| TS800S-13 | KIT 3 Term.shrd M800 1p S | T1048909 |
| TS800S-14 | KIT 4 Term.shrd M800 1p S | V1048910 |

## Other Accessories

| Cat # | Description | Ref # |
|---|---|---|
| OA1G01 | Auxiliary Contact NC Right | N1043476 |
| OA1G10 | Auxiliary Contact NO left | P1043477 |
| OA2G11 | Aux. Contact NO+NC Switch 125A | Q1043478 |
| 4P60 | Fourth pole for M60 NF switches | T1043481 |
| 4P80 | Fourth pole for M80 NF switches | V1043482 |
| 4P125 | Fourth pole for M125 switches | W1043483 |
| NP40 | Neutral pole for M40 NF switches | X1043484 |
| NP80 | Neutral pole for M80 NF switches | Y1043485 |
| NP125 | Neutral pole for M125 switches | Z1043486 |
| OA1G01 | Auxiliary Contact NO Right | N1043476 |
| OA1G10 | Auxiliary Contact NC left | P1043477 |
| OA2G11 | Aux. Contact NO+NC Switch 125A | Q1043478 |
| OA3G01 | Aux.Contact NC Switch160-2500A | R1043479 |
| OA4B1C | Aux.Contact 1+1 SF 40A | K1043473 |
| OSZ4 | Mounting plate OA1G10/OA3G01 | L1043474 |
| OEA28 | Module for SF aux. contacts | M1043475 |
| 4P125 | Fourth pole for M125 NF switches | W1043483 |
| 4P250 | Fourth pole for M250 NF switches | A1043487 |
| 4P400 | Fourth pole for M400 NF switches | B1043488 |
| 4P800 | Fourth pole for M800 NF switches | C1043489 |
| 4P1250 | Fourth pole for M1250 NF switches | D1043490 |
| 4P1600 | Fourth pole for M1600 NF switches | E1043491 |
| 4P2500 | Fourth pole for M2500 NF switches | F1043492 |

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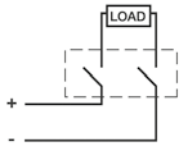
# IEC-Rated DC Switches

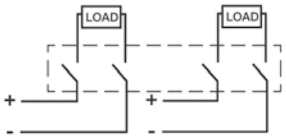
MD100E11

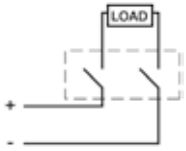
MD100E22

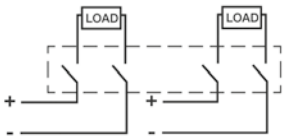
MD400E11

MD400E22




## Switch Body

## Handles and Shafts

HDD250

HB65

## Accessories

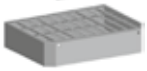
OA1G01
OA1G10

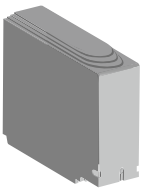
OEA28

JUMP250

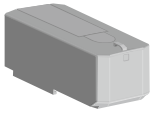
JUMP500

JC250


JC500


TS250

TS250S


TDS400

| Ampere Rating | 100 | 160 | 200 | 250 | 315 | 400 | 500 |
|---|---|---|---|---|---|---|---|
| 2-pole Configuration | MD100E11 | MD160E11 | MD200E11 | MD250E11 | MD315E11 | MD400E11 | MD500E11 |
| 2x2-pole Configuration | MD100E22 | MD160E22 | MD200E22 | MD250E22 | MD315E22 | MD400E22 | MD500E22 |
| 3-pole Configuration | | | | MD315EV33 | MD400EV33 | MD500EV33 | |
| **Direct Front Operation** | | | | | | | |
| | HDD250 | HDD250 | HDD250 | HDD250 | HDD400 | HDD400 | HDD400 |
| **External Pistol Style** | | | | | | | |
| NEMA Type 1, 3R, 12 | HB65 | HB65 | HB65 | HB65 | HB125 | HB125 | HB125 |
| NEMA Type 4, 4X | HB65X | HP65X | HB65X | HB65X | HB125X | HB125X | HB125X |
| B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65 | | | | | | | |
| **Shafts** | | | | | | | |
| | SPA__ | SPA__ | SPA__ | SPA__ | SFB__ | SFB__ | SFB__ |
| SPA Lengths: 130, 210, 290, 360, 430 Ex. SPA130. SFB Lengths: 280, 325, 395 Ex. SFB280 | | | | | | | |
| **Terminal Shrouds** | | | | | | | |
| Kit of 4 Terminal Shrouds | TS250-14 | TS250-14 | TS250-14 | TS250-14 | | | |
| 1 Terminal Shroud | | | | | TDS400 | TDS400 | TDS400 |
| A shorter version is available for DC switches up to 250A, 4 pieces per package: TS250S-14 | | | | | | | |
| **Auxiliary Contacts** | | | | | | | |
| NO Right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC left side mounting | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |
| **Short Circuit Link** | | | | | | | |
| | JUMP250 | JUMP250 | JUMP250 | JUMP250 | JUMP500 | JUMP500 | JUMP500 |
| **Terminal Shroud for Short Circuit Link** | | | | | | | |
| | JC250 | JC250 | JC250 | JC250 | JC500 | JC500 | JC500 |



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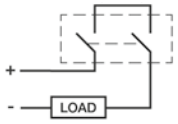
# UL98B Listed DC Switches

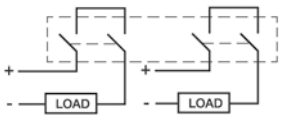
MD100U11

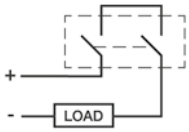
MD100U22

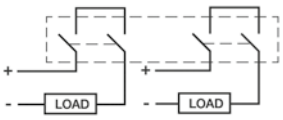
MD400U11

MD400U22




## Switch Body

## Handles and Shafts

HDD250

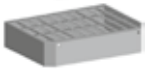
HB65

## Accessories

OA1G01
OA1G10

OEA28

JC250


JC500

| Ampere Rating | 100 | 200 | 250 | 320 | 400 |
|---|---|---|---|---|---|
| 2-pole Configuration | MD100U11 | MD200U11 | MD250U11 | MD320U11 | MD400U11 |
| 2x2-pole Configuration | MD100U22 | MD180U22 | MD180U22 | MD320U22 | MD400U22 |
| **Direct Front Operation** | | | | | |
| | HDD250 | HDD250 | HDD250 | HDD400 | HDD400 |
| **External Pistol Style** | | | | | |
| NEMA Type 1, 3R, 12 | HB65 | HB80 | HB125 | HB125 | HB125 |
| NEMA Type 4, 4X | HB65X | HP80X | HB125X | HB125X | HB125X |
| B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65 | | | | | |
| **Shafts** | | | | | |
| | SPA__ | SPA__ | SFB__ | SFB__ | SFB__ |
| SPA Lengths: 130, 210, 290, 360, 430 Ex. SPA130. SFB Lengths: 280, 325, 395 Ex. SFB280 | | | | | |
| **Auxiliary Contacts** | | | | | |
| NO Right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC left side mounting | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |
| **Terminal Shroud for Short Circuit Link** | | | | | |
| | JC250 | JC250 | JC500 | JC500 | JC500 |

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## IEC DC-rated Non-Fused switches

| Cat # | Description | Ref # |
|---|---|---|
| MD100E11 | DC Switch 100A IEC 1000V 2p | G1043217 |
| MD160E11 | DC Switch 160A IEC 1000V 2p | H1043218 |
| MD200E11 | DC Switch 200A IEC 1000V 2p | J1043219 |
| MD250E11 | DC Switch 250A IEC 1000V 2p | K1043220 |
| MD100E22 | DC Switch 100A IEC 2x1000V 4p | L1043221 |
| MD160E22 | DC Switch 160A IEC 2x1000V 4p | M1043222 |
| MD200E22 | DC Switch 200A IEC 2x1000V 4p | N1043223 |
| MD250E22 | DC Switch 250A IEC 2x1000V 4p | P1043224 |
| MD315E11 | DC Switch 315A IEC 1000V 2p | Q1043225 |
| MD400E11 | DC Switch 400A IEC 1000V 2p | R1043226 |
| MD500E11 | DC Switch 500A IEC 1000V 2p | S1043227 |
| MD315E22 | DC Switch 315A IEC 2x1000V 4p | T1043228 |
| MD400E22 | DC Switch 400A IEC 2x1000V 4p | V1043229 |
| MD500E22 | DC Switch 500A IEC 2x1000V 4p | W1043230 |
| MD315EV12 | DC Switch 315A IEC 1500V 3p | C1050918 |
| MD400EV12 | DC Switch 400A IEC 1500V 3p | D1050919 |
| MD500EV12 | DC Switch 500A IEC 1500V 3p | E1050920 |
| MD315EV33 | DC Switch 315A IEC 2x1500V 6p | F1050921 |
| MD400EV33 | DC Switch 400A IEC 2x1500V 6p | G1050922 |
| MD500EV33 | DC Switch 500A IEC 2x1500V 6p | J1050924 |

## UL 98B DC-rated Non-Fused switches

| Cat # | Description | Ref # |
|---|---|---|
| MD100U11 | DC Switch 100A UL 2p | X1043231 |
| MD180U22 | DC Switch 180A UL 4p | Y1043232 |
| MD200U11 | DC Switch 200A UL 2p | Z1043233 |
| MD250U11 | DC Switch 250A UL 2p | A1043234 |
| MD250U22 | DC Switch 250A UL 4p | B1043235 |
| MD320U11 | DC Switch 320A UL 2p | C1043236 |
| MD320U22 | DC Switch 320A UL 4p | D1043237 |
| MD400U11 | DC Switch 400A UL 2p | E1043238 |
| MD400U22 | DC Switch 400A UL 4p | F1043239 |

## Jumpers

| Cat # | Description | Ref # |
|---|---|---|
| JUMP250 | Jumper bar for 250A DC switch. | F1043469 |
| JUMP500 | Jumper bar for 500A DC switch. | G1043470 |
| JC250 | Jumper cover for JUMP250 | H1043471 |
| JC500 | Jumper cover for JUMP500 | J1043472 |

## Handles

| Cat # | Description | Ref # |
|---|---|---|
| HB65 | Handle black65mm IP65 NEMA 3R | W1043368 |
| HB65X | Handle black 65mm IP65 NEMA 4X | X1043369 |
| HB95 | Handle black 95mm IP65 NEMA 3R | N1043913 |
| HB95X | Handle black 95mm IP65 NEMA 4X | P1043914 |
| HB125 | Handle black 125mm IP65 NEMA 3R | A1043372 |
| HB125X | Handle black 125mm IP65 NEMA 4X | B1043373 |
| HB145 | Handle black145mm IP65 NEMA 3R | C1043374 |
| HDD250 | Handle direct MD100-250 | G1047794 |
| HDD400 | Handle direct MD315-500 | H1047795 |
| HR65 | Handle red 65mm IP65 NEMA 3R | G1043378 |
| HR65X | Handle red 65mm IP65 NEMA 4X | H1043379 |
| HR95 | Handle red 95mm IP65 NEMA 3R | S1043917 |
| HR95X | Handle red 95mm IP65 NEMA 4X | T1043918 |
| HR125 | Handle red 125mm IP65 NEMA 3R | K1043381 |
| HR125X | Handle red125mm IP65 NEMA 4X | L1043382 |
| HR145 | Handle red 145mm IP65 NEMA 3R | M1043383 |

## Shafts

| Cat # | Description | Ref # |
|---|---|---|
| SFB280 | Shaft SwitchFuse 12x12x280mm | F1043423 |
| SFB325 | Shaft SwitchFuse 12x12x325mm | G1043424 |
| SFB395 | Shaft SwitchFuse 12x12x395mm | H1043425 |
| SPA130 | Shaft pistol handle 6x6x130mm | V1043919 |
| SPA210 | Shaft pistol handle 6x6x210mm | P1043431 |
| SPA290 | Shaft pistol handle 6x6x290mm | Q1043432 |
| SPA360 | Shaft pistol handle 6x6x360mm | W1043920 |
| SPA430 | Shaft pistol handle 6x6x430mm | X1043921 |

## Terminal Shrouds

| Cat # | Description | Ref # |
|---|---|---|
| TS250-14 | Term.shrd 250A switch 1p L/4 | A1043464 |
| TDS400 | Term.shrd MD250-500 1p L/1 | A1045534 |



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# HIGH VOLTAGE FUSE SYSTEM

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# Limitor®- P Back-up Fuses
## without Controlled Power Dissipation

PRODUCT RANGE

45DB72V2P

### Limitor- P, Rated voltage 3 / 7,2 kV

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm, length 192mm** | | | | | | | | | |
| 45DB72V2P | N1000098 | 2 A | 0.6 kA²s | 63 kA | 15 A | 290 mΩ | 1.8 W | 1 | 1.2 kg |
| 45DB72V4P | P1000099 | 4 A | 0.8 kA²s | 63 kA | 20 A | 270 mΩ | 5 W | 1 | 1.2 kg |
| **Ø65mm, length 192mm** | | | | | | | | | |
| 45DB72V63P | B209301 | 63 A | 41.2 kA²s | 63 kA | 220 A | 8.75 mΩ | 60 W | 1 | 1.5 kg |
| 45DB72V80P | C209302 | 80 A | 84 kA²s | 63 kA | 300 A | 6.25 mΩ | 85 W | 1 | 1.5 kg |
| 45DB72V100P | D209303 | 100 A | 93.6 kA²s | 63 kA | 350 A | 5 mΩ | 96 W | 1 | 1.5 kg |
| **Ø88mm, length 192mm** | | | | | | | | | |
| 45DB72V160P | R1000101 | 160 A | 500 kA²s | 63 kA | 435 A | 3 mΩ | 75 W | 1 | 2.6 kg |
| 45DB72V200P | S1000102 | 200 A | 654 kA²s | 63 kA | 610 A | 2.5 mΩ | 200 W | 1 | 2.9 kg |

### Limitor- P, Rated voltage 6 /12 kV

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm, length 292mm** | | | | | | | | | |
| 45DB120V1P | T1000103 | 1 A | 0.2 kA²s | 63 kA | 14 A | 1500 mΩ | 1.6 W | 1 | 1.7 kg |
| 45DB120V2P | V1000104 | 2 A | 0.4 kA²s | 63 kA | 16 A | 510 mΩ | 2 W | 1 | 1.7 kg |
| 45DB120V4P | W1000105 | 4 A | 0.7 kA²s | 63 kA | 22 A | 338 mΩ | 6 W | 1 | 1.7 kg |
| 45DB120V6,3P | F209305 | 6.3 A | 1 kA²s | 63 kA | 30 A | 190 mΩ | 8 W | 1 | 1.7 kg |
| 45DB120V10P | G209306 | 10 A | 1.5 kA²s | 63 kA | 42 A | 139 mΩ | 16 W | 1 | 1.7 kg |
| 45DB120V16P | H209307 | 16 A | 2 kA²s | 63 kA | 54 A | 107 mΩ | 38 W | 1 | 1.7 kg |
| 45DB120V20P | J209308 | 20 A | 4 kA²s | 63 kA | 73 A | 71 mΩ | 38 W | 1 | 1.7 kg |
| 45DB120V25P | K209309 | 25 A | 6 kA²s | 63 kA | 93 A | 52 mΩ | 46 W | 1 | 1.7 kg |
| 45DB120V32P | L209310 | 31.5 A | 10 kA²s | 63 kA | 105 A | 43 mΩ | 65 W | 1 | 1.7 kg |
| 45DB120V40P | M209311 | 40 A | 30 kA²s | 63 kA | 125 A | 22.5 mΩ | 54 W | 1 | 1.7 kg |
| 45DB120V50P | N209312 | 50 A | 50 kA²s | 63 kA | 160 A | 18 mΩ | 70 W | 1 | 1.7 kg |
| 45DB120V63P | P209313 | 63 A | 100 kA²s | 63 kA | 230 A | 12 mΩ | 85 W | 1 | 1.7 kg |
| **Ø65mm, length 292mm** | | | | | | | | | |
| 45DB120V80P | Q209314 | 80 A | 150 kA²s | 63 kA | 350 A | 10.6 mΩ | 114 W | 1 | 2.1 kg |
| **Ø78mm, length 292mm** | | | | | | | | | |
| 45DB120V100P | R209315 | 100 A | 200 kA²s | 63 kA | 500 A | 8.5 mΩ | 156 W | 1 | 3.1 kg |
| **Ø88mm, length 292mm** | | | | | | | | | |
| 45DB120V125P | X1000106 | 125 A | 440 kA²s | 63 kA | 480 A | 4 mΩ | 117 W | 1 | 3.7 kg |
| 45DB120V160P | Y1000107 | 160 A | 500 kA²s | 63 kA | 560 A | 4 mΩ | 217 W | 1 | 3.7 kg |
| 45DB120V200P | Z1000108 | 200 A | 654 kA²s | 63 kA | 610 A | 3.5 mΩ | 333 W | 1 | 3.7 kg |
| 45DB120V250P | Y1014919 | 250 A | - | 63 kA | 740 A | 3.7 mΩ | 335 W | 1 | 3.7 kg |
| **Ø63mm, length 442mm** | | | | | | | | | |
| 45DB120V10P-3 | G1006095 | 10 A | 1.5 kA²s | 31.5 kA | 45 A | 133.6 mΩ | 15 W | 1 | 2.3 kg |
| 45DB120V40P-3 | L1006099 | 40 A | 12 kA²s | 31.5 kA | 160 A | 27 mΩ | 57 W | 1 | 2.3 kg |
| 45DB120V63P-3 | N1006101 | 63 A | 42 kA²s | 31.5 kA | 252 A | 14.2 mΩ | 78 W | 1 | 2.3 kg |
| **Ø88mm, length 442mm** | | | | | | | | | |
| 45DB120V80P-3 | P1006102 | 80 A | 120 kA²s | 31.5 kA | 320 A | 9.4 mΩ | 83 W | 1 | 2.3 kg |
| 45DB120V100P-3 | Q1006103 | 100 A | 220 kA²s | 31.5 kA | 400 A | 6.55 mΩ | 91 W | 1 | 3.2 kg |
| 45DB120V125P-3 | R1006104 | 125 A | 450 kA²s | 31.5 kA | 500 A | 5.46 mΩ | 130 W | 1 | 4.2 kg |
| 45DB120V160P-3 | S1006105 | 160 A | 530 kA²s | 31.5 kA | 640 A | 4.07 mΩ | 170 W | 1 | 4.2 kg |

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# Limitor®- P Back-up Fuses
## without Controlled Power Dissipation

PRODUCT RANGE

45DB175V6,3P

### Limitor- P, Rated voltage 10 / 17,5

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm, length 367mm** | | | | | | | | | |
| 45DB175V6,3P | V1000564 | 6.3 A | 1 kA²s | 63 kA | 30 A | 245 mΩ | 11 W | 1 | 2.2 kg |
| 45DB175V10P | W1000565 | 10 A | 1.5 kA²s | 63 kA | 43 A | 180 mΩ | 22 W | 1 | 2.2 kg |
| 45DB175V16P | X1000566 | 16 A | 2 kA²s | 63 kA | 54 A | 150 mΩ | 53 W | 1 | 2.2 kg |
| 45DB175V20P | Y1000567 | 20 A | 4 kA²s | 63 kA | 73 A | 102 mΩ | 56 W | 1 | 2.2 kg |
| 45DB175V25P | Z1000568 | 25 A | 6 kA²s | 63 kA | 93 A | 78 mΩ | 73 W | 1 | 2.2 kg |
| 45DB175V32P | A1000569 | 31.5 A | 10 kA²s | 63 kA | 105 A | 59 mΩ | 95 W | 1 | 2.2 kg |
| 45DB175V40P | B1000570 | 40 A | 30 kA²s | 63 kA | 125 A | 33.8 mΩ | 79 W | 1 | 2.2 kg |
| 45DB175V50P | C1000571 | 50 A | 50 kA²s | 63 kA | 205 A | 26 mΩ | 106 W | 1 | 2.2 kg |
| 45DB175V63P | D1000572 | 63 A | 100 kA²s | 63 kA | 280 A | 18.4 mΩ | 130 W | 1 | 2.2 kg |
| **Ø65mm, length 367mm** | | | | | | | | | |
| 45DB175V80P | E1000573 | 80 A | 150 kA²s | 63 kA | 350 A | 15 mΩ | 180 W | 1 | 2.6 kg |
| **Ø78mm, length 367mm** | | | | | | | | | |
| 45DB175V100P | F1000574 | 100 A | 200 kA²s | 63 kA | 500 A | 13 mΩ | 280 W | 1 | 3.1 kg |

45DB240V125P

### Limitor- P, Rated voltage 10 / 24 kV

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm, length 442mm** | | | | | | | | | |
| 45DB240V1P | A1000109 | 1 A | 0.2 kA²s | 63 kA | 14 A | 2170 mΩ | 2.2 W | 1 | 2.3 kg |
| 45DB240V2P | B1000110 | 2 A | 0.4 kA²s | 63 kA | 16 A | 800 mΩ | 3.4 W | 1 | 2.3 kg |
| 45DB240V4P | C1000111 | 4 A | 0.7 kA²s | 63 kA | 23 A | 545 mΩ | 10 W | 1 | 2.3 kg |
| 45DB240V6,3P | S209339 | 6.3 A | 1 kA²s | 63 kA | 30 A | 297 mΩ | 13 W | 1 | 2.3 kg |
| 45DB240V10P | T209340 | 10 A | 1.5 kA²s | 63 kA | 43 A | 220 mΩ | 26 W | 1 | 2.3 kg |
| 45DB240V16P | V209341 | 16 A | 2 kA²s | 63 kA | 60 A | 197 mΩ | 73 W | 1 | 2.3 kg |
| 45DB240V20P | W209342 | 20 A | 4 kA²s | 63 kA | 76 A | 132 mΩ | 76 W | 1 | 2.3 kg |
| 45DB240V25P | X209343 | 25 A | 6 kA²s | 63 kA | 93 A | 96 mΩ | 89 W | 1 | 2.3 kg |
| 45DB240V32P | Y209344 | 31.5 A | 10 kA²s | 63 kA | 105 A | 78 mΩ | 127 W | 1 | 2.3 kg |
| 45DB240V40P | Z209345 | 40 A | 30 kA²s | 63 kA | 130 A | 45 mΩ | 114 W | 1 | 2.3 kg |
| 45DB240V50P | A209346 | 50 A | 50 kA²s | 63 kA | 205 A | 35 mΩ | 147 W | 1 | 2.3 kg |
| 45DB240V63P | B209347 | 63 A | 100 kA²s | 63 kA | 280 A | 24 mΩ | 170 W | 1 | 2.3 kg |
| **Ø65mm, length 442mm** | | | | | | | | | |
| 45DB240V80P | C209348 | 80 A | 150 kA²s | 63 kA | 360 A | 20 mΩ | 233 W | 1 | 3.1 kg |
| **Ø78mm, length 442mm** | | | | | | | | | |
| 45DB240V100P | D209349 | 100 A | 200 kA²s | 63 kA | 430 A | 18 mΩ | 400 W | 1 | 4.2 kg |
| **Ø88mm, length 442mm** | | | | | | | | | |
| 45DB240V125P | D1000112 | 125 A | 350 kA²s | 40 kA | 760 A | 11.7 mΩ | 340 W | 1 | 4.3 kg |
| 45DB240V160P | E1000113 | 160 A | 500 kA²s | 31.5 kA | 900 A | 9.45 mΩ | 515 W | 1 | 4.3 kg |
| 45DB240V200P | F1000114 | 200 A | 730 kA²s | 31.5 kA | 1050 A | 7 mΩ | 740 W | 1 | 4.3 kg |
| **Ø88mm, length 537mm** | | | | | | | | | |
| 45DB240V80P-4 | B1008551 | 80 A | 120 kA²s | 25 kA | 360 A | 17.5 mΩ | 185 W | 1 | 6.7 kg |
| 45DB240V100P-4 | C1008552 | 100 A | 220 kA²s | 25 kA | 450 A | 13.1 mΩ | 234 W | 1 | 6.7 kg |



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# Limitor®- P Back-up Fuses
## without Controlled Power Dissipation

PRODUCT RANGE

### Limitor-P, Rated voltage 20 / 36kV

| Catalog number | Item number | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3$ = $I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm, length 537mm** | | | | | | | | | | |
| 45DB360V2P | G1000115 | 2 A | - | 0.6 kA²s | 31.5 kA | 15 A | 950 mΩ | 9 W | 1 | 2.7 kg |
| 45DB360V4P | H1000116 | 4 A | - | 0.8 kA²s | 31.5 kA | 20 A | 900 mΩ | 32 W | 1 | 2.7 kg |

# Limitor®- PT Back-up Fuses
## with Controlled Power Dissipation

PRODUCT RANGE

45DB120V1PT

45DB120V125PT

### Limitor- PT, Rated voltage 6 / 12 kV

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3$ = $I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm, length 292mm** | | | | | | | | | |
| 45DB120V1PT | L1000119 | 1 A | 0.09 kA²s | 63 kA | 14 A | 1500 mΩ | 1.6 W | 1 | 1.6 kg |
| 45DB120V2PT | M1000120 | 2 A | 0.28 kA²s | 63 kA | 16 A | 510 mΩ | 2 W | 1 | 1.6 kg |
| 45DB120V4PT | N1000121 | 4 A | 0.5 kA²s | 63 kA | 22 A | 338 mΩ | 6 W | 1 | 1.6 kg |
| 45DB120V6,3PT | P1000122 | 6.3 A | 0.6 kA²s | 63 kA | 30 A | 190 mΩ | 8 W | 1 | 1.6 kg |
| 45DB120V10PT | Q1000123 | 10 A | 1.15 kA²s | 63 kA | 42 A | 139 mΩ | 16 W | 1 | 1.6 kg |
| 45DB120V16PT | R1000124 | 16 A | 1.29 kA²s | 63 kA | 54 A | 107 mΩ | 38 W | 1 | 1.6 kg |
| 45DB120V20PT | S1000125 | 20 A | 3.2 kA²s | 63 kA | 73 A | 71 mΩ | 38 W | 1 | 1.6 kg |
| 45DB120V25PT | T1000126 | 25 A | 5.2 kA²s | 63 kA | 93 A | 52 mΩ | 46 W | 1 | 1.6 kg |
| 45DB120V32PT | V1000127 | 31.5 A | 7.2 kA²s | 63 kA | 105 A | 43 mΩ | 65 W | 1 | 1.6 kg |
| 45DB120V40PT | W1000128 | 40 A | 23.3 kA²s | 63 kA | 125 A | 23 mΩ | 54 W | 1 | 1.6 kg |
| 45DB120V50PT | X1000129 | 50 A | 34.9 kA²s | 63 kA | 160 A | 18 mΩ | 70 W | 1 | 1.6 kg |
| 45DB120V63PT | Y1000130 | 63 A | 58.3 kA²s | 63 kA | 230 A | 12 mΩ | 85 W | 1 | 1.6 kg |
| **Ø65mm, length 292mm** | | | | | | | | | |
| 45DB120V80PT | Z1000131 | 80 A | 90 kA²s | 63 kA | 350 A | 10.6 mΩ | 114 W | 1 | 2.2 kg |
| **Ø78mm, length 292mm** | | | | | | | | | |
| 45DB120V100PT | A1000132 | 100 A | 140 kA²s | 63 kA | 500 A | 8.5 mΩ | 156 W | 1 | 2.2 kg |
| **Ø88mm, length 292mm** | | | | | | | | | |
| 45DB120V125PT | B1000133 | 125 A | 440 kA²s | 63 kA | 480 A | 4 mΩ | 117 W | 1 | 3.8 kg |
| 45DB120V160PT | C1000134 | 160 A | 500 kA²s | 63 kA | 560 A | 4.3 mΩ | 217 W | 1 | 3.8 kg |
| 45DB120V200PT | D1000135 | 200 A | 654 kA²s | 63 kA | 610 A | 3.8 mΩ | 333 W | 1 | 3.8 kg |

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# Limitor®- PT Back-up Fuses
## with Controlled Power Dissipation

PRODUCT RANGE

45DB175V100PT

### Limitor- PT, Rated voltage 10 /17,5 kV

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm, length 367mm** | | | | | | | | | |
| 45DB175V6,3PT | G1006118 | 6.3 A | 1 kA²s | 63 kA | 30 A | 245 mΩ | 11 W | 1 | 2.2 kg |
| 45DB175V10PT | H1006119 | 10 A | 1.5 kA²s | 63 kA | 43 A | 180 mΩ | 22 W | 1 | 2.2 kg |
| 45DB175V16PT | J1006120 | 16 A | 2 kA²s | 63 kA | 54 A | 150 mΩ | 53 W | 1 | 2.2 kg |
| 45DB175V25PT | K1006121 | 25 A | 6 kA²s | 63 kA | 93 A | 78 mΩ | 73 W | 1 | 2.2 kg |
| 45DB175V32PT | L1006122 | 31.5 A | 10 kA²s | 63 kA | 105 A | 59 mΩ | 95 W | 1 | 2.2 kg |
| 45DB175V40PT | M1006123 | 40 A | 30 kA²s | 63 kA | 125 A | 33.8 mΩ | 79 W | 1 | 2.2 kg |
| 45DB175V50PT | N1006124 | 50 A | 50 kA²s | 63 kA | 205 A | 26 mΩ | 106 W | 1 | 2.2 kg |
| 45DB175V63PT | P1006125 | 63 A | 100 kA²s | 63 kA | 280 A | 18.4 mΩ | 135 W | 1 | 2.2 kg |
| **Ø65mm, length 367mm** | | | | | | | | | |
| 45DB175V80PT | Q1006126 | 80 A | 150 kA²s | 63 kA | 350 A | 15 mΩ | 183 W | 1 | 2.6 kg |
| **Ø88mm, length 367mm** | | | | | | | | | |
| 45DB175V100PT | S1006128 | 100 A | 200 kA²s | 63 kA | 500 A | 13 mΩ | 240 W | 1 | 3.5 kg |

45DB240V1PT

45DB240V125PT

### Limitor- PT, Rated voltage 10 / 24 kV

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm, length 442mm** | | | | | | | | | |
| 45DB240V1PT | E1000136 | 1 A | 0.09 kA²s | 63 kA | 14 A | 2100 mΩ | 2 W | 1 | 2.3 kg |
| 45DB240V2PT | F1000137 | 2 A | 0.34 kA²s | 63 kA | 16 A | 800 mΩ | 3 W | 1 | 2.3 kg |
| 45DB240V4PT | G1000138 | 4 A | 0.45 kA²s | 63 kA | 23 A | 550 mΩ | 10 W | 1 | 2.3 kg |
| 45DB240V6,3PT | H1000139 | 6.3 A | 0.53 kA²s | 63 kA | 30 A | 300 mΩ | 13 W | 1 | 2.3 kg |
| 45DB240V10PT | J1000140 | 10 A | 0.94 kA²s | 63 kA | 43 A | 220 mΩ | 26 W | 1 | 2.3 kg |
| 45DB240V16PT | K1000141 | 16 A | 1.4 kA²s | 63 kA | 60 A | 197 mΩ | 73 W | 1 | 2.3 kg |
| 45DB240V20PT | L1000142 | 20 A | 3.1 kA²s | 63 kA | 76 A | 134 mΩ | 76 W | 1 | 2.3 kg |
| 45DB240V25PT | M1000143 | 25 A | 4.5 kA²s | 63 kA | 93 A | 96 mΩ | 89 W | 1 | 2.3 kg |
| 45DB240V32PT | N1000144 | 31.5 A | 5.9 kA²s | 63 kA | 105 A | 79 mΩ | 127 W | 1 | 2.3 kg |
| 45DB240V40PT | P1000145 | 40 A | 18.8 kA²s | 63 kA | 130 A | 45 mΩ | 114 W | 1 | 2.3 kg |
| 45DB240V50PT | Q1000146 | 50 A | 33.5 kA²s | 63 kA | 205 A | 35 mΩ | 147 W | 1 | 2.3 kg |
| 45DB240V63PT | R1000147 | 63 A | 46.4 kA²s | 63 kA | 280 A | 25 mΩ | 163 W | 1 | 2.3 kg |
| **Ø65mm, length 442mm** | | | | | | | | | |
| 45DB240V80PT | S1000148 | 80 A | 84 kA²s | 63 kA | 360 A | 20.5 mΩ | 233 W | 1 | 3.1 kg |
| **Ø78mm, length 442mm** | | | | | | | | | |
| 45DB240V100PT | T1000149 | 100 A | 93.6 kA²s | 63 kA | 430 A | 18 mΩ | 400 W | 1 | 3.6 kg |
| **Ø88mm, length 442mm** | | | | | | | | | |
| 45DB240V125PT | V1000150 | 125 A | 350 kA²s | 40 kA | 760 A | 11 mΩ | 340 W | 1 | 4.3 kg |



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# Limitor®- PTD Back-up Fuses

PRODUCT RANGE

## with Controlled Power Dissipation, for German standard VDE 0670 T402

45DB120V10PTD

45DB120V63PTD

### Rated voltage 6 /12 kV, length 292mm

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm** | | | | | | | | | |
| 45DB120V10PTD | S1000263 | 10 A | 3 kA²s | 63 kA | 35 A | 227 mΩ | 29 W | 1 | 1.7 kg |
| 45DB120V16PTD | T1000264 | 16 A | 3.7 kA²s | 63 kA | 64 A | 66 mΩ | 21 W | 1 | 1.7 kg |
| 45DB120V20PTD | V1000265 | 20 A | 4.7 kA²s | 63 kA | 90 A | 51 mΩ | 25 W | 1 | 1.7 kg |
| 45DB120V25PTD | W1000266 | 25 A | 4.9 kA²s | 63 kA | 95 A | 40 mΩ | 29 W | 1 | 1.7 kg |
| 45DB120V32PTD | X1000267 | 31.5 A | 7 kA²s | 63 kA | 110 A | 30 mΩ | 39 W | 1 | 1.7 kg |
| 45DB120V40PTD | Y1000268 | 40 A | 14 kA²s | 63 kA | 134 A | 20 mΩ | 46 W | 1 | 1.7 kg |
| 45DB120V50PTD | Z1000269 | 50 A | 25 kA²s | 63 kA | 190 A | 15 mΩ | 62 W | 1 | 1.7 kg |
| **Ø65mm** | | | | | | | | | |
| 45DB120V63PTD | A1000270 | 63 A | 63 kA²s | 63 kA | 220 A | 12 mΩ | 62 W | 1 | 2.2 kg |
| 45DB120V80PTD | B1000271 | 80 A | 87 kA²s | 63 kA | 345 A | 8.7 mΩ | 85 W | 1 | 2.2 kg |
| 45DB120V100PTD | C1000272 | 100 A | 140 kA²s | 63 kA | 500 A | 8.1 mΩ | 152 W | 1 | 2.2 kg |
| **Ø88mm** | | | | | | | | | |
| 45DB120V125PTD | D1000273 | 125 A | 430 kA²s | 63 kA | 480 A | 4.5 mΩ | 117 W | 1 | 3.8 kg |
| 45DB120V160PTD | E1000274 | 160 A | 670 kA²s | 63 kA | 610 A | 4 mΩ | 175 W | 1 | 3.8 kg |

### Rated voltage 10 / 24 kV, length 442mm

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm** | | | | | | | | | |
| 45DB240V6,3PTD | F1000275 | 6.3 A | 0.8 kA²s | 63 kA | 23 A | 640 mΩ | 31 W | 1 | 2.4 kg |
| 45DB240V10PTD | G1000276 | 10 A | 2 kA²s | 63 kA | 36 A | 386 mΩ | 48 W | 1 | 2.4 kg |
| 45DB240V16PTD | H1000277 | 16 A | 2.3 kA²s | 63 kA | 73 A | 127 mΩ | 42 W | 1 | 2.4 kg |
| 45DB240V20PTD | J1000278 | 20 A | 3.9 kA²s | 63 kA | 91 A | 97 mΩ | 53 W | 1 | 2.4 kg |
| 45DB240V25PTD | K1000279 | 25 A | 6.5 kA²s | 63 kA | 116 A | 73 mΩ | 60 W | 1 | 2.4 kg |
| 45DB240V32PTD | L1000280 | 31.5 A | 7 kA²s | 63 kA | 125 A | 57 mΩ | 84 W | 1 | 2.4 kg |
| 45DB240V40PTD | M1000281 | 40 A | 14.2 kA²s | 63 kA | 161 A | 41 mΩ | 96 W | 1 | 2.4 kg |
| **Ø65mm** | | | | | | | | | |
| 45DB240V50PTD | N1000282 | 50 A | 24.2 kA²s | 63 kA | 230 A | 35 mΩ | 146 W | 1 | 3.2 kg |
| 45DB240V63PTD | P1000283 | 63 A | 46.4 kA²s | 63 kA | 350 A | 24 mΩ | 163 W | 1 | 3.2 kg |
| 45DB240V80PTD | Q1000284 | 80 A | 104 kA²s | 63 kA | 460 A | 19 mΩ | 196 W | 1 | 3.2 kg |
| **Ø88mm** | | | | | | | | | |
| 45DB240V100PTD | R1000285 | 100 A | 140 kA²s | 63 kA | 420 A | 14 mΩ | 279 W | 1 | 4.3 kg |

45DB360V6,3PTD

### Rated voltage 20 / 36 kV, length 537mm

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm** | | | | | | | | | |
| 45DB360V6,3PTD | S1000286 | 6.3 A | 0.6 kA²s | 31.5 kA | 23 A | 889 mΩ | 39 W | 1 | 2.7 kg |
| 45DB360V10PTD | T1000287 | 10 A | 2 kA²s | 31.5 kA | 34 A | 529 mΩ | 66 W | 1 | 2.7 kg |
| 45DB360V16PTD | V1000288 | 16 A | 2.35 kA²s | 31.5 kA | 70 A | 190 mΩ | 67 W | 1 | 2.7 kg |
| 45DB360V20PTD | W1000289 | 20 A | 3.9 kA²s | 31.5 kA | 100 A | 153 mΩ | 84 W | 1 | 2.7 kg |
| 45DB360V25PTD | X1000290 | 25 A | 6.5 kA²s | 31.5 kA | 110 A | 118 mΩ | 100 W | 1 | 2.7 kg |
| **Ø65mm** | | | | | | | | | |
| 45DB360V32PTD | Y1000291 | 31.5 A | 7 kA²s | 31.5 kA | 135 A | 82 mΩ | 119 W | 1 | 3.7 kg |
| 45DB360V40PTD | Z1000292 | 40 A | 14.2 kA²s | 20 kA | 205 A | 63 mΩ | 176 W | 1 | 3.7 kg |
| **Ø88mm** | | | | | | | | | |
| 45DB360V50PTD | A1000293 | 50 A | 40 kA²s | 20 kA | 220 A | 41 mΩ | 183 W | 1 | 6.5 kg |

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# Limitor® - PTS Back-up Fuses

## with Low Power Dissipation and Thermal Striker

PRODUCT RANGE

### Rated voltage 6 / 12 kV, length 292mm

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø 56mm** | | | | | | | | | |
| 45DB120V10PTS2 | R1032945 | 10 A | 3000 A²s | 65 kA | 35 A | 227 mΩ | 29 W | 1 | 1.6 kg |
| 45DB120V16PTS2 | S1032946 | 16 A | 3700 A²s | 65 kA | 64 A | 66 mΩ | 21 W | 1 | 1.6 kg |
| 45DB120V20PTS2 | T1032947 | 20 A | 4700 A²s | 65 kA | 90 A | 51 mΩ | 25 W | 1 | 1.6 kg |
| 45DB120V25PTS2 | V1032948 | 25 A | 4920 A²s | 65 kA | 95 A | 40 mΩ | 29 W | 1 | 1.6 kg |
| 45DB120V32PTS2 | W1032949 | 31.5 A | 7000 A²s | 65 kA | 110 A | 30 mΩ | 39 W | 1 | 1.6 kg |
| 45DB120V40PTS2 | X1032950 | 40 A | 14 kA²s | 65 kA | 134 A | 20 mΩ | 46 W | 1 | 1.6 kg |
| 45DB120V50PTS2 | Y1032951 | 50 A | 25.3 kA²s | 65 kA | 190 A | 15 mΩ | 62 W | 1 | 1.6 kg |
| **Ø 65mm** | | | | | | | | | |
| 45DB120V63PTS2 | M1018313 | 63 A | 57 kA²s | 80 kA | 260 A | 11.9 mΩ | 58 W | 1 | 2.1 kg |
| 45DB120V80PTS2 | N1018314 | 80 A | 90 kA²s | 80 kA | 280 A | 9.6 mΩ | 82 W | 1 | 2.1 kg |
| **Ø 78mm** | | | | | | | | | |
| 45DB120V100PTS2 | P1018315 | 100 A | 145 kA²s | 80 kA | 350 A | 7.5 mΩ | 105 W | 1 | 3.2 kg |
| **Ø 88mm** | | | | | | | | | |
| 45DB120V125PTS2 | Q1018316 | 125 A | 296 A²s | 80 kA | 440 A | 5.3 mΩ | 110 W | 1 | 4.2 kg |

### Rated voltage 6 /12 kV, length 442mm

45DB120V100PTS3

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø 78mm** | | | | | | | | | |
| 45DB120V100PTS3 | R1018317 | 100 A | 150 kA²s | 80 kA | 350 A | 7.5 mΩ | 95 W | 1 | 5.1 kg |
| 45DB120V125PTS3 | S1018318 | 125 A | 300 kA²s | 80 kA | 440 A | 5.4 mΩ | 105 W | 1 | 5.1 kg |
| 45DB120V160PTS3 | V1018320 | 160 A | 500 kA²s | 80 kA | 660 A | 4.1 mΩ | 145 W | 1 | 5.1 kg |

### Rated voltage 10 / 24 kV, length 442mm

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø 56mm** | | | | | | | | | |
| 45DB240V10PTS | Z1032952 | 10 A | 2000 A²s | 65 kA | 36 A | 386 mΩ | 48 W | 1 | 2.3 kg |
| 45DB240V16PTS | A1032953 | 16 A | 2340 A²s | 65 kA | 73 A | 127 mΩ | 42 W | 1 | 2.3 kg |
| 45DB240V20PTS | B1032954 | 20 A | 3900 A²s | 65 kA | 91 A | 97 mΩ | 53 W | 1 | 2.3 kg |
| 45DB240V25PTS | C1032955 | 25 A | 6500 A²s | 65 kA | 113 A | 73 mΩ | 60 W | 1 | 2.3 kg |
| 45DB240V32PTS | D1032956 | 31.5 A | 7000 A²s | 65 kA | 125 A | 57 mΩ | 84 W | 1 | 2.3 kg |
| 45DB240V40PTS | E1032957 | 40 A | 14.2 kA²s | 65 kA | 161 A | 41 mΩ | 96 W | 1 | 2.3 kg |
| **Ø 65mm** | | | | | | | | | |
| 45DB240V50PTS | X1018322 | 50 A | 39 kA²s | 65 kA | 230 A | 27.4 mΩ | 82 W | 1 | 3.3 kg |
| **Ø 78mm** | | | | | | | | | |
| 45DB240V63PTS | Y1018323 | 63 A | 63 kA²s | 65 kA | 250 A | 21.6 mΩ | 102 W | 1 | 5.1 kg |
| 45DB240V80PTS | Z1018324 | 80 A | 99 kA²s | 65 kA | 280 A | 17.3 mΩ | 153 W | 1 | 5.1 kg |
| **Ø 88mm** | | | | | | | | | |
| 45DB240V100PTS | A1018325 | 100 A | 159 kA²s | 65 kA | 350 A | 13.6 mΩ | 200 W | 1 | 6.1 kg |
| 45DB240V125PTS | B1018326 | 125 A | 290 kA²s | 65 kA | 440 A | 10.1 mΩ | 254 W | 1 | 6.1 kg |



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## Limitor® - PTS Back-up Fuses

PRODUCT RANGE

### with Low Power Dissipation and Thermal Striker

**Rated voltage 20 / 36 kV, length 537mm**

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø 56mm** | | | | | | | | | |
| 45DB360V10PTS | F1032958 | 10 A | 2000 A²s | 31.5 kA | 34 A | 529 mΩ | 66 W | 1 | 2.8 kg |
| 45DB360V16PTS | G1032959 | 16 A | 2340 A²s | 31.5 kA | 66 A | 190 mΩ | 67 W | 1 | 2.8 kg |
| 45DB360V20PTS | H1032960 | 20 A | 3900 A²s | 31.5 kA | 95 A | 153 mΩ | 84 W | 1 | 2.8 kg |
| 45DB360V25PTS | J1032961 | 25 A | 6500 A²s | 31.5 kA | 110 A | 118 mΩ | 100 W | 1 | 2.8 kg |
| **Ø 65mm** | | | | | | | | | |
| 45DB360V32PTS | K1032962 | 31.5 A | 7000 A²s | 20 kA | 135 A | 82 mΩ | 119 W | 1 | 3.8 kg |
| 45DB360V40PTS | L1032963 | 40 A | 14200 A²s | 20 kA | 200 A | 63 mΩ | 176 W | 1 | 3.8 kg |
| **Ø 88mm** | | | | | | | | | |
| 45DB360V50PTS | M1032964 | 50 A | 40000 A²s | 20 kA | 225 A | 40 mΩ | 183 W | 1 | 6.6 kg |
| 45DB360V63PTS | C1018327 | 63 A | 65000 A²s | 36 kA | 260 A | 31.9 mΩ | 165 W | 1 | 6.6 kg |
| 45DB360V80PTS | F1018330 | 80 A | 112 kA²s | 36 kA | 350 A | 24.2 mΩ | 230 W | 1 | 6.6 kg |

## Limitor®- PD Back-up Fuses

PRODUCT RANGE

### without Controlled Power Dissipation, for German standard VDE 0670 T402

45DB72V125PD

**Rated voltage 3 / 7,2 kV, length 192mm**

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm** | | | | | | | | | |
| 45DB72V6,3PD | S209293 | 6.3 A | 0.8 kA²s | 63 kA | 21 A | 256 mΩ | 11 W | 1 | 1.2 kg |
| 45DB72V10PD | T209294 | 10 A | 3 kA²s | 63 kA | 38 A | 144 mΩ | 19 W | 1 | 1.2 kg |
| 45DB72V16PD | V209295 | 16 A | 2.34 kA²s | 63 kA | 65 A | 41 mΩ | 13 W | 1 | 1.2 kg |
| 45DB72V20PD | W209296 | 20 A | 3.9 kA²s | 63 kA | 92 A | 32 mΩ | 14.5 W | 1 | 1.2 kg |
| 45DB72V25PD | X209297 | 25 A | 4.9 kA²s | 63 kA | 110 A | 25 mΩ | 20 W | 1 | 1.2 kg |
| 45DB72V32PD | Y209298 | 31.5 A | 7 kA²s | 63 kA | 123 A | 19 mΩ | 23 W | 1 | 1.2 kg |
| 45DB72V40PD | Z209299 | 40 A | 14 kA²s | 63 kA | 140 A | 12.3 mΩ | 30 W | 1 | 1.2 kg |
| 45DB72V50PD | A209300 | 50 A | 25.3 kA²s | 63 kA | 194 A | 9.3 mΩ | 35 W | 1 | 1.2 kg |
| **Ø65mm** | | | | | | | | | |
| 45DB72V63PD | M1000235 | 63 A | 61.7 kA²s | 63 kA | 220 A | 7 mΩ | 60 W | 1 | 1.5 kg |
| 45DB72V80PD | N1000236 | 80 A | 87.4 kA²s | 63 kA | 300 A | 5.2 mΩ | 85 W | 1 | 1.5 kg |
| **Ø78mm** | | | | | | | | | |
| 45DB72V100PD | P1000237 | 100 A | 180 kA²s | 63 kA | 440 A | 4 mΩ | 96 W | 1 | 2.1 kg |
| **Ø88mm** | | | | | | | | | |
| 45DB72V125PD | Q1000100 | 125 A | 440 kA²s | 63 kA | 440 A | 2.9 mΩ | 75 W | 1 | 2.6 kg |
| 45DB72V160PD | Q1000238 | 160 A | 654 kA²s | 63 kA | 610 A | 2.3 mΩ | 120 W | 1 | 2.6 kg |

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# Limitor®- PD Back-up Fuses

## without Controlled Power Dissipation, for German standard VDE 0670 T402

45DB120V50PD

### Rated voltage 6 / 12 kV, length 292mm

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3$ = $I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm** | | | | | | | | | |
| 45DB120V6,3PD | R1000239 | 6.3 A | 0.8 kA²s | 63 kA | 23 A | 409 mΩ | 19 W | 1 | 1.6 kg |
| 45DB120V10PD | S1000240 | 10 A | 3 kA²s | 63 kA | 35 A | 231 mΩ | 29 W | 1 | 1.6 kg |
| 45DB120V16PD | T1000241 | 16 A | 3.7 kA²s | 63 kA | 64 A | 69 mΩ | 21 W | 1 | 1.6 kg |
| 45DB120V20PD | V1000242 | 20 A | 4.7 kA²s | 63 kA | 90 A | 53 mΩ | 25 W | 1 | 1.6 kg |
| 45DB120V25PD | W1000243 | 25 A | 4.92 kA²s | 63 kA | 95 A | 41 mΩ | 31 W | 1 | 1.6 kg |
| 45DB120V32PD | X1000244 | 31.5 A | 7 kA²s | 63 kA | 110 A | 31 mΩ | 39 W | 1 | 1.6 kg |
| 45DB120V40PD | Y1000245 | 40 A | 14 kA²s | 63 kA | 134 A | 20 mΩ | 46 W | 1 | 1.6 kg |
| 45DB120V50PD | Z1000246 | 50 A | 25.3 kA²s | 63 kA | 190 A | 16.7 mΩ | 62 W | 1 | 1.6 kg |
| **Ø65mm** | | | | | | | | | |
| 45DB120V63PD | A1000247 | 63 A | 63 kA²s | 63 kA | 220 A | 11.7 mΩ | 60 W | 1 | 2.2 kg |
| 45DB120V80PD | B1000248 | 80 A | 87 kA²s | 63 kA | 345 A | 8.7 mΩ | 82 W | 1 | 2.2 kg |
| **Ø78mm** | | | | | | | | | |
| 45DB120V100PD | C1000249 | 100 A | 180 kA²s | 63 kA | 400 A | 6.7 mΩ | 96 W | 1 | 3.1 kg |
| **Ø88mm** | | | | | | | | | |
| 45DB120V125PD | D1000250 | 125 A | 440 kA²s | 63 kA | 480 A | 4.9 mΩ | 117 W | 1 | 3.8 kg |
| 45DB120V160PD | E1000251 | 160 A | 654 kA²s | 63 kA | 610 A | 3.8 mΩ | 175 W | 1 | 3.8 kg |

45DB240V6,3PD

45DB240V80PD

### Rated voltage 10 / 24 kV, length 442mm

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3$ = $I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm** | | | | | | | | | |
| 45DB240V6,3PD | F1000252 | 6.3 A | 0.8 kA²s | 63 kA | 23 A | 640 mΩ | 32 W | 1 | 2.4 kg |
| 45DB240V10PD | G1000253 | 10 A | 2 kA²s | 63 kA | 36 A | 386 mΩ | 48 W | 1 | 2.4 kg |
| 45DB240V16PD | H1000254 | 16 A | 2.34 kA²s | 63 kA | 73 A | 127 mΩ | 43 W | 1 | 2.4 kg |
| 45DB240V20PD | J1000255 | 20 A | 3.9 kA²s | 63 kA | 91 A | 97 mΩ | 53 W | 1 | 2.4 kg |
| 45DB240V25PD | K1000256 | 25 A | 6.5 kA²s | 63 kA | 116 A | 74 mΩ | 64 W | 1 | 2.4 kg |
| 45DB240V32PD | L1000257 | 31.5 A | 7 kA²s | 63 kA | 125 A | 61 mΩ | 85 W | 1 | 2.4 kg |
| 45DB240V40PD | M1000258 | 40 A | 14.2 kA²s | 63 kA | 161 A | 43 mΩ | 103 W | 1 | 2.4 kg |
| **Ø65mm** | | | | | | | | | |
| 45DB240V50PD | N1000259 | 50 A | 24.2 kA²s | 63 kA | 230 A | 35 mΩ | 146 W | 1 | 3.1 kg |
| 45DB240V63PD | P1000260 | 63 A | 46.4 kA²s | 63 kA | 350 A | 25 mΩ | 163 W | 1 | 3.1 kg |
| 45DB240V80PD | Q1000261 | 80 A | 104 kA²s | 63 kA | 460 A | 19 mΩ | 196 W | 1 | 3.1 kg |
| **Ø88mm** | | | | | | | | | |
| 45DB240V100PD | R1000262 | 100 A | 140 kA²s | 63 kA | 420 A | 14 mΩ | 279 W | 1 | 4.3 kg |



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# Limitor®- PD Back-up Fuses

PRODUCT RANGE

## without Controlled Power Dissipation, for German standard VDE 0670 T402

45DB360V6,3PD

45DB360V32PD

45DB360V63PD

### Rated voltage 20 / 36 kV, length 537mm

| Catalog number | Item number | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Breaking capacity $I_1$ | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Ø56mm** | | | | | | | | | |
| 45DB360V6,3PD | S209362 | 6.3 A | 0.6 kA²s | 31.5 kA | 23 A | 827 mΩ | 39 W | 1 | 2.7 kg |
| 45DB360V10PD | T209363 | 10 A | 2 kA²s | 31.5 kA | 34 A | 520 mΩ | 65 W | 1 | 2.7 kg |
| 45DB360V16PD | V209364 | 16 A | 2.34 kA²s | 31.5 kA | 70 A | 210 mΩ | 67 W | 1 | 2.7 kg |
| 45DB360V20PD | W209365 | 20 A | 3.9 kA²s | 31.5 kA | 100 A | 165 mΩ | 84 W | 1 | 2.7 kg |
| 45DB360V25PD | X209366 | 25 A | 6.5 kA²s | 31.5 kA | 110 A | 125 mΩ | 100 W | 1 | 2.7 kg |
| **Ø65mm** | | | | | | | | | |
| 45DB360V32PD | Y209367 | 31.5 A | 7 kA²s | 31.5 kA | 135 A | 85 mΩ | 119 W | 1 | 3.7 kg |
| 45DB360V40PD | Z209368 | 40 A | 14.2 kA²s | 20 kA | 205 A | 65 mΩ | 176 W | 1 | 3.7 kg |
| **Ø88mm** | | | | | | | | | |
| 45DB360V50PD | J1000117 | 50 A | 40 kA²s | 20 kA | 220 A | 45 mΩ | 183 W | 1 | 6.5 kg |
| 45DB360V63PD | K1000118 | 63 A | 61.7 kA²s | 20 kA | 360 A | 35 mΩ | 271 W | 1 | 6.5 kg |

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# Limitor® - NF/UTE Back-up Fuses

PRODUCT RANGE

## 7,2kV to 24kV - Type FR

### Rated voltage 7.2kV, length 520mm, Ø 55mm

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $I_n$ | Operating $I^2t$ at Rated Voltage | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| **without striker** | | | | | | | | |
| FR72V6,3 | Z227584 | 7.2 kV | 6.3 A | 31.5 A | 12 W | 0.3 kA²s | 3 | 2.1 kg |
| FR72V16 | A227585 | 7.2 kV | 16 A | 80 A | 26 W | 1.6 kA²s | 3 | 2.1 kg |
| FR72V32 | B227586 | 7.2 kV | 32 A | 160 A | 44 W | 6 kA²s | 3 | 2.1 kg |
| FR72V43 | C227587 | 7.2 kV | 43 A | 215 A | 61 W | 12 kA²s | 3 | 2.1 kg |
| FR72V63 | D227588 | 7.2 kV | 63 A | 315 A | 71 W | 24 kA²s | 3 | 2.1 kg |
| **with striker** | | | | | | | | |
| FR72V6,3P | E227589 | 7.2 kV | 6.3 A | 31.5 A | 12 W | 0.3 kA²s | 3 | 2.1 kg |
| FR72V16P | F227590 | 7.2 kV | 16 A | 80 A | 26 W | 1.6 kA²s | 3 | 2.1 kg |
| FR72V32P | G227591 | 7.2 kV | 32 A | 160 A | 44 W | 6 kA²s | 3 | 2.1 kg |
| FR72V43P | H227592 | 7.2 kV | 43 A | 215 A | 61 W | 12 kA²s | 3 | 2.1 kg |
| FR72V63P | J227593 | 7.2 kV | 63 A | 315 A | 71 W | 24 kA²s | - | 2.1 kg |

### Rated voltage 12kV, length 520 mm, Ø 55mm

| Catalog number | Item number | EDF Number | Rated voltage AC (IEC) | Rated current $I_n$ | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $I_n$ | Operating $I^2t$ at Rated Voltage | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **without striker** | | | | | | | | | |
| FR120V6,3 | X210240 | - | 12 kV | 6.3 A | 31.5 A | 25 W | 0.3 kA²s | 3 | 2.1 kg |
| FR120V16 | Y210241 | 73.02.136 | 12 kV | 16 A | 80 A | 53 W | 1.6 kA²s | 3 | 2.1 kg |
| FR120V32 | Z210242 | 73.02.137 | 12 kV | 32 A | 160 A | 89 W | 6 kA²s | 3 | 2.1 kg |
| FR120V43 | A210243 | - | 12 kV | 43 A | 215 A | 123 W | 12 kA²s | 3 | 2.1 kg |
| FR120V63 | B210244 | 73.02.138 | 12 kV | 63 A | 315 A | 142 W | 24 kA²s | 3 | 2.1 kg |
| **with striker** | | | | | | | | | |
| FR120V6,3P | D210246 | - | 12 kV | 6.3 A | 31.5 A | 25 W | 0.3 kA²s | 3 | 2.3 kg |
| FR120V16P | E210247 | 73.02.136 | 12 kV | 16 A | 80 A | 53 W | 1.6 kA²s | 3 | 2.3 kg |
| FR120V32P | F210248 | 73.02.137 | 12 kV | 32 A | 160 A | 89 W | 6 kA²s | 3 | 2.3 kg |
| FR120V43P | G210249 | - | 12 kV | 43 A | 215 A | 123 W | 12 kA²s | 3 | 2.3 kg |
| FR120V63P | H210250 | 73.02.138 | 12 kV | 63 A | 315 A | 142 W | 24 kA²s | 3 | 2.3 kg |



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# Limitor® - NF/UTE Back-up Fuses

PRODUCT RANGE

## 7,2kV to 24kV - Type FR

FRECO240V63

### Rated voltage 24kV, length 520 mm, Ø 55mm

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $I_n$ | Operating $I^2t$ at Rated Voltage | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| **without striker** | | | | | | | | |
| FR240V6,3 | S1047965 | 24 kV | 6.3 A | 31.5 A | 25 W | 0.32 kA²s | 3 | 2.1 kg |
| FRECO240V10 | S1045205 | 24 kV | 10 A | 50 A | 25 W | 1.3 kA²s | 3 | 2.1 kg |
| FRECO240V16 | B1043534 | 24 kV | 16 A | 80 A | 35 W | 4.7 kA²s | 3 | 2.1 kg |
| FRECO240V20 | V1045207 | 24 kV | 20 A | 100 A | 43 W | 7.5 kA²s | 3 | 2.1 kg |
| FRECO240V25 | X1045209 | 24 kV | 25 A | 125 A | 46 W | 10.1 kA²s | 3 | 2.1 kg |
| FRECO240V31,5 | L1047361 | 24 kV | 31.5 A | 157.5 A | 53 W | 18.8 kA²s | 3 | 2.1 kg |
| FRECO240V43 | H1043540 | 24 kV | 43 A | 215 A | 70 W | 38 kA²s | 3 | 2.1 kg |
| FRECO240V50 | Z1045211 | 24 kV | 50 A | 250 A | 91 W | 39.3 kA²s | 3 | 2.1 kg |
| FRECO240V63 | Y1048384 | 24 kV | 63 A | 315 A | 120 W | 66.5 kA²s | 3 | 2.1 kg |
| **with striker** | | | | | | | | |
| FR240V6,3P | T1047966 | 24 kV | 6.3 A | 31.5 A | 25 W | 0.32 kA²s | 3 | 2.1 kg |
| FRECO240V10P | T1045206 | 24 kV | 10 A | 50 A | 25 W | 1.3 kA²s | 3 | 2.1 kg |
| FRECO240V16P | G1043539 | 24 kV | 16 A | 80 A | 35 W | 4.7 kA²s | 3 | 2.1 kg |
| FRECO240V20P | W1045208 | 24 kV | 20 A | 100 A | 43 W | 7.5 kA²s | 3 | 2.1 kg |
| FRECO240V25P | Y1045210 | 24 kV | 25 A | 125 A | 46 W | 10.1 kA²s | 3 | 2.1 kg |
| FRECO240V31,5P | M1047362 | 24 kV | 31.5 A | 157.5 A | 53 W | 18.8 kA²s | 3 | 2.1 kg |
| FRECO240V43P | L1043543 | 24 kV | 43 A | 215 A | 70 W | 38 kA²s | 3 | 2.1 kg |
| FRECO240V50P | A1045212 | 24 kV | 50 A | 250 A | 91 W | 39.3 kA²s | 3 | 2.1 kg |
| FRECO240V63P | Z1048385 | 24 kV | 63 A | 315 A | 120 W | 66.5 kA²s | 3 | 2.1 kg |

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# Potential Transformer fuses



### 7.2 to 36kV from 2 to 6.3A

| Catalog number | Item number | Rated current $I_n$ | Weight |
|---|---|---|---|
| TP120V6.3A127M1 | E1005541 | 6.3 A | 1.7 kg |
| TP120V6.3A127M2 | G1005543 | 6.3 A | 1.30 kg |
| TP120V6.3A127M3 | N1005549 | 6.3 A | 1.49 kg |
| TP120V6.3A127M4 | R1005552 | 6.3 A | 1.27 kg |
| TP175V2A173 | Y1005535 | 2 A | 1.3 kg |
| TP175V6.3A231 | H1005544 | 6.3 A | 2.2 kg |
| TP240V2A231 | Z1005536 | 2 A | 1.8 kg |
| TP240V6.3A231M1 | B1005538 | 6.3 A | 1.5 kg |
| TP240V6.3A231M2 | F1005542 | 6.3 A | 1.8 kg |
| TP240V6.3A231M3 | L1005547 | 6.3 A | 1.8 kg |
| TP240V6.3A231M4 | M1005548 | 6.3 A | 1.8 kg |
| TP240V6.3A231M5 | P1005550 | 6.3 A | 2.01 kg |
| TP240V6.3A325 | Q1005551 | 6.3 A | 1.8 kg |
| TP240VSP231 | A1005537 | 2 A | 1.8 kg |
| TP360V6.3A325M1 | J1005269 | 6.3 A | 2.2 kg |
| TP360V6.3A325M2 | K1005546 | 6.3 A | 2.2 kg |
| TP360V6.3A325M3 | S1005553 | 6.3 A | 2.5 kg |
| TP72V2A106 | X1005534 | 2 A | 1.1 kg |



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# Limitor® - aSJB/D Back-up Fuses

## 3,6kV to 12kV - with Trip Indicator

PRODUCT RANGE

45ASB36V32P-1

### Rated voltage 3,6kV, length 192mm

| Catalog number | Item number | Rated current $I_n$ | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7xI_n$ | Operating $I^2t$ at Rated Voltage | Package | Weight |
|---|---|---|---|---|---|---|---|
| **Ø d=50,8mm** | | | | | | | |
| 45ASB36V32P-1 | S076468 | 32 A | 180 A | 6 W | 4 kA²s | 3 | 1.9 kg |
| 45ASB36V50P-1 | T076469 | 50 A | 260 A | 9 W | 9 kA²s | 3 | 1.9 kg |
| 45ASB36V63P-1 | V076470 | 63 A | 310 A | 11 W | 15 kA²s | 3 | 1.9 kg |
| 45ASB36V80P-1 | W076471 | 80 A | 400 A | 13 W | 35 kA²s | 3 | 1.9 kg |
| 45ASB36V100P-1 | X076472 | 100 A | 490 A | 15 W | 60 kA²s | 3 | 1.9 kg |
| 45ASB36V125P-1 | Y076473 | 125 A | 600 A | 20 W | 95 kA²s | 3 | 1.9 kg |
| **Ø d=67mm** | | | | | | | |
| 45ASB36V160P-1 | Z076474 | 160 A | 800 A | 27 W | 160 kA²s | 3 | 1.9 kg |
| 45ASB36V200P-1 | A076475 | 200 A | 1000 A | 32 W | 340 kA²s | 3 | 1.9 kg |
| **Ø d=76mm** | | | | | | | |
| 45ASB36V250P-1 | B076476 | 250 A | 1200 A | 35 W | 540 kA²s | 3 | 2.5 kg |
| **Ø d=88mm** | | | | | | | |
| 45ASB36V315P-1 | C076477 | 315 A | 1600 A | 41 W | 1000 kA²s | 3 | 3.4 kg |

45ASB36V200P-2

45ASB36V430P-2

### Rated voltage 3,6kV, length 292mm

| Catalog number | Item number | Rated current $I_n$ | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7xI_n$ | Operating $I^2t$ at Rated Voltage | Package | Weight |
|---|---|---|---|---|---|---|---|
| **Ø d=50,8mm** | | | | | | | |
| 45ASB36V100P-2 | N075521 | 100 A | 700 A | 16 W | 88 kA²s | 3 | 1.6 kg |
| 45ASB36V125P-2 | P075522 | 125 A | 830 A | 20 W | 160 kA²s | 3 | 1.6 kg |
| 45ASB36V160P-2 | Q075523 | 160 A | 1000 A | 27 W | 280 kA²s | 3 | 1.6 kg |
| **Ø d=67mm** | | | | | | | |
| 45ASB36V200P-2 | R075524 | 200 A | 1250 A | 33 W | 370 kA²s | 3 | 2.7 kg |
| 45ASB36V250P-2 | S075525 | 250 A | 1750 A | 37 W | 720 kA²s | 3 | 2.7 kg |
| **Ø d=76mm** | | | | | | | |
| 45ASB36V315P-2 | E075582 | 315 A | 2100 A | 45 W | 1200 kA²s | 3 | 3.3 kg |
| 45ASB36V350P-2 | F075583 | 350 A | 2400 A | 47 W | 1700 kA²s | 3 | 3.3 kg |
| **Ø d=88mm** | | | | | | | |
| 45ASB36V430P-2 | G075584 | 430 A | 3300 A | 51 W | 3200 kA²s | 3 | 4.3 kg |

45ASB72V125P-2

### Rated voltage 7,2kV, length 292mm

| Catalog number | Item number | Rated current $I_n$ | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7xI_n$ | Operating $I^2t$ at Rated Voltage | Package | Weight |
|---|---|---|---|---|---|---|---|
| **Ø d=50,8mm** | | | | | | | |
| 45ASB72V32P-2 | J078162 | 32 A | 180 A | 10 W | 7 kA²s | 3 | 1.6 kg |
| 45ASB72V50P-2 | K078163 | 50 A | 220 A | 14 W | 16 kA²s | 3 | 1.6 kg |
| 45ASB72V63P-2 | L078164 | 63 A | 300 A | 18 W | 26 kA²s | 3 | 1.6 kg |
| 45ASB72V80P-2 | M078165 | 80 A | 380 A | 20 W | 60 kA²s | 3 | 1.6 kg |
| 45ASB72V100P-2 | N078166 | 100 A | 510 A | 25 W | 105 kA²s | 3 | 1.6 kg |
| **Ø d=67mm** | | | | | | | |
| 45ASB72V125P-2 | P078167 | 125 A | 700 A | 29 W | 195 kA²s | 3 | 2.7 kg |
| 45ASB72V160P-2 | Q078168 | 160 A | 840 A | 37 W | 340 kA²s | 3 | 2.7 kg |
| **Ø d=88mm** | | | | | | | |
| 45ASB72V200P-2 | H093709 | 200 A | 1200 A | 41 W | 650 kA²s | 3 | 4.4 kg |
| 45ASB72V250P-2 | R078169 | 250 A | 1600 A | 49 W | 1100 kA²s | 3 | 4.4 kg |

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# Limitor® - aSJB/D Back-up Fuses

PRODUCT RANGE

## 3,6kV to 12kV - with Trip Indicator

45ASD72V200P-3

### Rated voltage 7,2kV, length 442mm

| Catalog number | Item number | Rated current $I_n$ | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7xI_n$ | Operating $I^2t$ at Rated Voltage | Package | Weight |
|---|---|---|---|---|---|---|---|
| **Ø d=50,8mm** | | | | | | | |
| 45ASD72V100P-3 | Y085581 | 100 A | 500 A | 30 W | 78 kA²s | 3 | 2.2 kg |
| 45ASD72V125P-3 | Z085582 | 125 A | 630 A | 37 W | 150 kA²s | 3 | 2.2 kg |
| 45ASD72V160P-3 | A085583 | 160 A | 880 A | 41 W | 290 kA²s | 3 | 2.2 kg |
| **Ø d=76mm** | | | | | | | |
| 45ASD72V200P-3 | Q085620 | 200 A | 1100 A | 47 W | 560 kA²s | 3 | 4.2 kg |
| 45ASD72V250P-3 | R085621 | 250 A | 1400 A | 52 W | 1000 kA²s | 3 | 4.2 kg |
| **Ø d=88mm** | | | | | | | |
| 45ASD72V315P-3 | S085622 | 315 A | 1900 A | 60 W | 2000 kA²s | 3 | 6.1 kg |
| 45ASD72V400P-3 | V085624 | 400 A | 2700 A | 69 W | 4100 kA²s | 3 | 6.1 kg |

45ASB120V250P-3

### Rated voltage 12kV, length 442mm

| Catalog number | Item number | Rated current $I_n$ | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7xI_n$ | Operating $I^2t$ at Rated Voltage | Package | Weight |
|---|---|---|---|---|---|---|---|
| **Ø d=50,8mm** | | | | | | | |
| 45ASB120V32P-3 | D076478 | 32 A | 168 A | 21 W | 5 kA²s | 3 | 2.2 kg |
| 45ASB120V50P-3 | E076479 | 50 A | 244 A | 31 W | 12 kA²s | 3 | 2.2 kg |
| 45ASB120V63P-3 | F076480 | 63 A | 325 A | 35 W | 24 kA²s | 3 | 2.2 kg |
| 45ASB120V80P-3 | G076481 | 80 A | 416 A | 41 W | 48 kA²s | 3 | 2.2 kg |
| 45ASB120V100P-3 | H076482 | 100 A | 560 A | 45 W | 85 kA²s | 3 | 2.2 kg |
| **Ø d=67mm** | | | | | | | |
| 45ASB120V125P-3 | J076483 | 125 A | 650 A | 53 W | 150 kA²s | 3 | 3.4 kg |
| 45ASB120V160P-3 | K076484 | 160 A | 930 A | 55 W | 320 kA²s | 3 | 3.4 kg |
| **Ø d=76mm** | | | | | | | |
| 45ASB120V200P-3 | L076485 | 200 A | 1300 A | 62 W | 720 kA²s | 3 | 4.2 kg |
| **Ø d=88mm** | | | | | | | |
| 45ASB120V250P-3 | M076486 | 250 A | 1800 A | 74 W | 1280 kA²s | 3 | 6.1 kg |



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# Surge-Trap® Monobloc STMT1 Series - 50kA

STMT1-50K275V-1P

## 1 Pole

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_n$ (8/20) | $U_p$ at $I_n$ |
|---|---|---|---|---|---|---|
| **L-N (1Ph)** | | | | | | |
| STMT1-50K150V-1P | 83010103 | 120 VAC | 150 V | 50 kA | 50 kA | ≤ 2 kV |
| STMT1-50K275V-1P | 83010100 | 230 VAC | 275 V | 50 kA | 50 kA | ≤ 2 kV |
| STMT1-50K320V-1P | 83010104 | 277 VAC | 320 V | 50 kA | 50 kA | ≤ 2 kV |
| STMT1-50K440V-1P | 83010107 | 400 VAC | 440 V | 50 kA | 50 kA | ≤ 2.5 kV |
| **N-PE (N)** | | | | | | |
| STMT1-100K-N | 83010102 | Neutral | 255 V | 100 kA | 100 kA | ≤ 2 kV |

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# Surge-Trap® Pluggable STPT12 Series - 12.5kA

PRODUCT RANGE

STPT12-12K275V-1PM

## 1 Pole

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | L-N | N-PE |
| **L-N (1Ph)** | | | | | | | | | | |
| STPT12-12K150V-1P | 83120100 | 120 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | No | SP12-12K150V | - |
| STPT12-12K150V-1PM | 83120101 | 120 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | Yes | SP12-12K150V | - |
| STPT12-12K275V-1P | 83120102 | 230 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | No | SP12-12K275V | - |
| STPT12-12K275V-1PM | 83120103 | 230 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | Yes | SP12-12K275V | - |
| STPT12-12K320V-1P | 83120104 | 277 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | No | SP12-12K320V | - |
| STPT12-12K320V-1PM | 83120105 | 277 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | Yes | SP12-12K320V | - |
| STPT12-12K440V-1P | 83120106 | 400 VAC | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | No | SP12-12K440V | - |
| STPT12-12K440V-1PM | 83120107 | 400 VAC | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | Yes | SP12-12K440V | - |
| **N-PE (N)** | | | | | | | | | | |
| STPT12-25K-N | 83120108 | Neutral | 255 V | 25 kA | 50 kA | 25 kA | ≤ 1.5 kV | No | - | SP12-25K-N |
| STPT12-50K-N | 83120110 | Neutral | 255 V | 50 kA | 50 kA | 50 kA | ≤ 1.5 kV | No | - | SP12-50K-N |



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# Surge-Trap® Pluggable STPT12 Series - 12.5kA

PRODUCT RANGE

STPT12-12K275V-2PGM

## 2 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | L-N | N-PE |
| **TT (1Ph+N)** | | | | | | | | | | |
| STPT12-12K150V-2PG | 83120112 | 120 VAC | 150 V | 12.5 kA (L-N)<br>25 kA (N-PE) | 50 kA | 20 kA | ≤ 1 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP12-12K150V | SP12-25K-N |
| STPT12-12K150V-2PGM | 83120113 | 120 VAC | 150 V | 12.5 kA (L-N)<br>25 kA (N-PE) | 50 kA | 20 kA | ≤ 1 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP12-12K150V | SP12-25K-N |
| STPT12-12K275V-2PG | 83120114 | 230 VAC | 275 V | 12.5 kA (L-N)<br>25 kA (N-PE) | 50 kA | 20 kA | ≤ 1.3 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP12-12K275V | SP12-25K-N |
| STPT12-12K275V-2PGM | 83120115 | 230 VAC | 275 V | 12.5 kA (L-N)<br>25 kA (N-PE) | 50 kA | 20 kA | ≤ 1.3 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP12-12K275V | SP12-25K-N |
| STPT12-12K320V-2PG | 83120116 | 277 VAC | 320 V | 12.5 kA (L-N)<br>25 kA (N-PE) | 50 kA | 20 kA | ≤ 1.4 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP12-12K320V | SP12-25K-N |
| STPT12-12K320V-2PGM | 83120117 | 277 VAC | 320 V | 12.5 kA (L-N)<br>25 kA (N-PE) | 50 kA | 20 kA | ≤ 1.4 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP12-12K320V | SP12-25K-N |
| **TNS (1Ph+N)** | | | | | | | | | | |
| STPT12-12K75V-2P | 83120126 | 60 VAC | 75 V | 12.5 kA | 50 kA | 20 kA | ≤ 0.65 kV | No | SP12-12K75V | - |
| STPT12-12K75V-2PM | 83120127 | 60 VAC | 75 V | 12.5 kA | 50 kA | 20 kA | ≤ 0.65 kV | Yes | SP12-12K75V | - |
| STPT12-12K150V-2P | 83120118 | 120 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | No | SP12-12K150V | - |
| STPT12-12K150V-2PM | 83120119 | 120 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | Yes | SP12-12K150V | - |
| STPT12-12K275V-2P | 83120120 | 230 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | No | SP12-12K275V | - |
| STPT12-12K275V-2PM | 83120121 | 230 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | Yes | SP12-12K275V | - |
| STPT12-12K320V-2P | 83120122 | 277 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | No | SP12-12K320V | - |
| STPT12-12K320V-2PM | 83120123 | 277 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | Yes | SP12-12K320V | - |
| **IT (1Ph+N)**<br>**TNS (1Ph+N)** | | | | | | | | | | |
| STPT12-12K440V-2P | 83120124 | 230 VAC (IT)<br>400 VAC (TNS) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | No | SP12-12K440V | - |
| STPT12-12K440V-2PM | 83120125 | 230 VAC (IT)<br>400 VAC (TNS) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | Yes | SP12-12K440V | - |

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# Surge-Trap® Pluggable STPT12 Series - 12.5kA

STPT12-12K275V-3PM

## 3 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N |
|---|---|---|---|---|---|---|---|---|---|
| **TNC (3Ph)** | | | | | | | | | |
| STPT12-12K150V-3P | 83120128 | 120/208 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | No | SP12-12K150V |
| STPT12-12K150V-3PM | 83120129 | 120/208 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | Yes | SP12-12K150V |
| STPT12-12K275V-3P | 83120130 | 230/400 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | No | SP12-12K275V |
| STPT12-12K275V-3PM | 83120131 | 230/400 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | Yes | SP12-12K275V |
| STPT12-12K320V-3P | 83120132 | 277/480 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | No | SP12-12K320V |
| STPT12-12K320V-3PM | 83120133 | 277/480 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | Yes | SP12-12K320V |
| **IT (3Ph)<br>TNC (3Ph)** | | | | | | | | | |
| STPT12-12K440V-3P | 83120134 | 230/400 VAC (IT)<br>400/690 VAC (TNC) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | No | SP12-12K440V |
| STPT12-12K440V-3PM | 83120135 | 230/400 VAC (IT)<br>400/690 VAC (TNC) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | Yes | SP12-12K440V |



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# Surge-Trap® Pluggable STPT12 Series - 12.5kA

PRODUCT RANGE

STPT12-12K275V-4PM

## 4 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | L-N | N-PE |
| **TT (3Ph+N)** | | | | | | | | | | |
| STPT12-12K150V-4PG | 83120136 | 120/208 VAC | 150 V | 12.5 kA (L-N)<br>50 kA (N-PE) | 50 kA | 20 kA | ≤ 1 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP12-12K150V | SP12-50K-N |
| STPT12-12K150V-4PGM | 83120137 | 120/208 VAC | 150 V | 12.5 kA (L-N)<br>50 kA (N-PE) | 50 kA | 20 kA | ≤ 1 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP12-12K150V | SP12-50K-N |
| STPT12-12K275V-4PG | 83120138 | 230/400 VAC | 275 V | 12.5 kA (L-N)<br>50 kA (N-PE) | 50 kA | 20 kA | ≤ 1.3 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP12-12K275V | SP12-50K-N |
| STPT12-12K275V-4PGM | 83120139 | 230/400 VAC | 275 V | 12.5 kA (L-N)<br>50 kA (N-PE) | 50 kA | 20 kA | ≤ 1.3 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP12-12K275V | SP12-50K-N |
| STPT12-12K320V-4PG | 83120140 | 277/480 VAC | 320 V | 12.5 kA (L-N)<br>50 kA (N-PE) | 50 kA | 20 kA | ≤ 1.4 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP12-12K320V | SP12-50K-N |
| STPT12-12K320V-4PGM | 83120141 | 277/480 VAC | 320 V | 12.5 kA (L-N)<br>50 kA (N-PE) | 50 kA | 20 kA | ≤ 1.4 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP12-12K320V | SP12-50K-N |
| **TNS (3Ph+N)** | | | | | | | | | | |
| STPT12-12K150V-4P | 83120142 | 120/208 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | No | SP12-12K150V | - |
| STPT12-12K150V-4PM | 83120143 | 120/208 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | Yes | SP12-12K150V | - |
| STPT12-12K275V-4P | 83120144 | 230/400 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | No | SP12-12K275V | - |
| STPT12-12K275V-4PM | 83120145 | 230/400 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | Yes | SP12-12K275V | - |
| STPT12-12K320V-4P | 83120146 | 277/480 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | No | SP12-12K320V | - |
| STPT12-12K320V-4PM | 83120147 | 277/480 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | Yes | SP12-12K320V | - |
| **IT (3Ph)<br>TNS (3Ph+N)** | | | | | | | | | | |
| STPT12-12K440V-4P | 83120148 | 230/400 VAC (IT)<br>400/690 VAC (TNS) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | No | SP12-12K440V | - |
| STPT12-12K440V-4PM | 83120149 | 230/400 VAC (IT)<br>400/690 VAC (TNS) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | Yes | SP12-12K440V | - |

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## Surge-Trap® Pluggable STPT12 Series - 12.5kA

PRODUCT RANGE

SP12-12K275V

### Replacement cartridges

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ |
|---|---|---|---|---|---|---|---|
| **L-N** | | | | | | | |
| SP12-12K75V | 83120000 | 60 | 75 V | 12.5 kA | 50 kA | 20 kA | ≤ 0.65 kV |
| SP12-12K150V | 83120001 | 120 | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV |
| SP12-12K275V | 83120002 | 230 | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV |
| SP12-12K320V | 83120003 | 277 | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV |
| SP12-12K440V | 83120004 | 400 | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV |
| **N-PE** | | | | | | | |
| SP12-25K-N | 83120005 | Neutral | 255 V | 25 kA | 50 kA | 25 kA | ≤ 1.5 kV |
| SP12-50K-N | 83120006 | Neutral | 255 V | 50 kA | 50 kA | 50 kA | ≤ 1.5 kV |

## Surge-Trap® Pluggable STPT12 Series - 25kA

PRODUCT RANGE

STPT12-25K275V-1PM

### 1 Pole

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | L-N | N-PE |
| **L-N (1Ph)** | | | | | | | | | | |
| STPT12-25K275V-1P | 83120152 | 230 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | - |
| STPT12-25K275V-1PM | 83120153 | 230 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | - |
| **N-PE (N)** | | | | | | | | | | |
| STPT12-100K-N | 83120166 | Neutral | 255 V | 100 kA | 100 kA | 50 kA | ≤ 1.5 kV | No | - | SP12-100K-N |



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# Surge-Trap® Pluggable STPT12 Series - 25kA

PRODUCT RANGE

STPT12-25K275V-2PM

## 2 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N | Cartridge No N-PE |
|---|---|---|---|---|---|---|---|---|---|---|
| **TT (1Ph+N)** | | | | | | | | | | |
| STPT12-25K275V-2PG | 83120154 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | SP12-50K-2PN |
| STPT12-25K275V-2PGM | 83120155 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | SP12-50K-2PN |
| **TNS (1Ph+N)** | | | | | | | | | | |
| STPT12-25K275V-2P | 83120156 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | - |
| STPT12-25K275V-2PM | 83120157 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | - |

STPT12-25K275V-3PM

## 3 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N |
|---|---|---|---|---|---|---|---|---|---|
| **TNC (3Ph)** | | | | | | | | | |
| STPT12-25K275V-3P | 83120158 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V |
| STPT12-25K275V-3PM | 83120159 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V |

STPT12-25K275V-4PM

## 4 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N | Cartridge No N-PE |
|---|---|---|---|---|---|---|---|---|---|---|
| **TT (3Ph+N)** | | | | | | | | | | |
| STPT12-25K275V-4PG | 83120150 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | SP12-100K-N |
| STPT12-25K275V-4PGM | 83120151 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | SP12-100K-N |
| **TNS (3Ph+N)** | | | | | | | | | | |
| STPT12-25K275V-4P | 83120160 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | - |
| STPT12-25K275V-4PM | 83120161 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | - |

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# Surge-Trap® Pluggable STPT12 Series - 25kA

PRODUCT RANGE

SP12-25K275V

## Replacement cartridges

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ |
|---|---|---|---|---|---|---|---|
| **L-N (1Ph)** | | | | | | | |
| SP12-25K275V | 83120007 | 230 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV |
| **N-PE (N)** | | | | | | | |
| SP12-50K-2PN | 83120009 | Neutral | 255 V | 50 kA | 100 kA | 25 kA | ≤ 1.5 kV |
| SP12-100K-N | 83120008 | Neutral | 255 V | 100 kA | 100 kA | 50 kA | ≤ 1.5 kV |



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# Surge-Trap® Pluggable STPT2 Series - 40kA

STPT2-40K275V-1PM

## 1 Pole

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | L-N | N-PE |
| **L-N (1Ph)** | | | | | | | | | |
| STPT2-40K150V-1P | 83020104 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | No | SP2-40K150V | - |
| STPT2-40K150V-1PM | 83020105 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | Yes | SP2-40K150V | - |
| STPT2-40K275V-1P | 83020106 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | No | SP2-40K275V | - |
| STPT2-40K275V-1PM | 83020107 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | Yes | SP2-40K275V | - |
| STPT2-40K320V-1P | 83020108 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | No | SP2-40K320V | - |
| STPT2-40K320V-1PM | 83020109 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | Yes | SP2-40K320V | - |
| STPT2-40K440V-1P | 83020110 | 400 VAC | 440 V | 40 kA | 20 kA | ≤ 2 kV | No | SP2-40K440V | - |
| STPT2-40K440V-1PM | 83020111 | 400 VAC | 440 V | 40 kA | 20 kA | ≤ 2 kV | Yes | SP2-40K440V | - |
| STPT2-30K750V-1P | 83020100 | 690 VAC | 750 V | 30 kA | 15 kA | ≤ 3 kV | No | SP2-30K750V | - |
| STPT2-30K750V-1PM | 83020101 | 690 VAC | 750 V | 30 kA | 15 kA | ≤ 3 kV | Yes | SP2-30K750V | - |
| **N-PE (N)** | | | | | | | | | |
| STPT2-40K-N | 83020112 | Neutral | 277 V | 40 kA | 20 kA | ≤ 1.5 kV | No | - | SP2-40K-N |

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# Surge-Trap® Pluggable STPT2 Series - 40kA

STPT2-40K275V-2PM

## 2 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | L-N | N-PE |
| **TT (1Ph+N)** | | | | | | | | | |
| STPT2-40K150V-2PG | 83020114 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP2-40K150V | SP2-40K-N |
| STPT2-40K150V-2PGM | 83020115 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP2-40K150V | SP2-40K-N |
| STPT2-40K275V-2PG | 83020116 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP2-40K275V | SP2-40K-N |
| STPT2-40K275V-2PGM | 83020117 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP2-40K275V | SP2-40K-N |
| STPT2-40K320V-2PG | 83020118 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP2-40K320V | SP2-40K-N |
| STPT2-40K320V-2PGM | 83020119 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP2-40K320V | SP2-40K-N |
| **TNS (1Ph+N)** | | | | | | | | | |
| STPT2-40K60V-2P | 83020128 | 48 VAC | 60 V | 40 kA | 20 kA | ≤ 0.7 kV | No | SP2-40K60V | - |
| STPT2-40K60V-2PM | 83020129 | 48 VAC | 60 V | 40 kA | 20 kA | ≤ 0.7 kV | Yes | SP2-40K60V | - |
| STPT2-40K75V-2P | 83020130 | 60 VAC | 75 V | 40 kA | 20 kA | ≤ 0.8 kV | No | SP2-40K75V | - |
| STPT2-40K75V-2PM | 83020131 | 60 VAC | 75 V | 40 kA | 20 kA | ≤ 0.8 kV | Yes | SP2-40K75V | - |
| STPT2-40K150V-2P | 83020120 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | No | SP2-40K150V | - |
| STPT2-40K150V-2PM | 83020121 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | Yes | SP2-40K150V | - |
| STPT2-40K275V-2P | 83020122 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | No | SP2-40K275V | - |
| STPT2-40K275V-2PM | 83020123 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | Yes | SP2-40K275V | - |
| STPT2-40K320V-2P | 83020124 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | No | SP2-40K320V | - |
| STPT2-40K320V-2PM | 83020125 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | Yes | SP2-40K320V | - |
| **IT (Ph+N)<br>TNS (1Ph+N)** | | | | | | | | | |
| STPT2-40K440V-2P | 83020126 | 230 VAC (IT)<br>400 VAC (TNS) | 440 V | 40 kA | 20 kA | ≤ 2 kV | No | SP2-40K440V | - |
| STPT2-40K440V-2PM | 83020127 | 230 VAC (IT)<br>400 VAC (TNS) | 440 V | 40 kA | 20 kA | ≤ 2 kV | Yes | SP2-40K440V | - |



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# Surge-Trap® Pluggable STPT2 Series - 40kA

STPT2-40K275V-3PM

## 3 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N |
|---|---|---|---|---|---|---|---|---|
| **TNC (3Ph)** | | | | | | | | |
| STPT2-40K150V-3P | 83020132 | 120 / 208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | No | SP2-40K150V |
| STPT2-40K150V-3PM | 83020133 | 120 / 208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | Yes | SP2-40K150V |
| STPT2-40K275V-3P | 83020134 | 230 / 400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | No | SP2-40K275V |
| STPT2-40K275V-3PM | 83020135 | 230 / 400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | Yes | SP2-40K275V |
| STPT2-40K320V-3P | 83020136 | 277 / 480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | No | SP2-40K320V |
| STPT2-40K320V-3PM | 83020137 | 277 / 480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | Yes | SP2-40K320V |
| STPT2-30K750V-3P | 83020102 | 400 / 690 VAC (IT)<br>690 / 1000 VAC (TNC) | 750 V | 30 kA | 15 kA | ≤ 3 kV | No | SP2-30K750V |
| STPT2-30K750V-3PM | 83020103 | 400 / 690 VAC (IT)<br>690 / 1000 VAC (TNC) | 750 V | 30 kA | 15 kA | ≤ 3 kV | Yes | SP2-30K750V |
| **IT (3Ph)<br>TNC (3Ph)** | | | | | | | | |
| STPT2-40K440V-3P | 83020142 | 230 / 400 VAC (IT)<br>400 / 690 VAC (TNC) | 440 V | 40 kA | 20 kA | ≤ 2 kV | No | SP2-40K440V |
| STPT2-40K440V-3PM | 83020143 | 230 / 400 VAC (IT)<br>400 / 690 VAC (TNC) | 440 V | 40 kA | 20 kA | ≤ 2 kV | Yes | SP2-40K440V |
| **IT (3ph) - Reinforced** | | | | | | | | |
| STPT2-30K750V-3P-R | 83020213 | 690 VAC (IT)<br>690 / 1000 VAC (TNC) | 750 V | 30 kA | 15 kA | ≤ 6 kV | No | SP2-30K750V |
| STPT2-30K750V-3P-RM | 83020214 | 690 VAC (IT)<br>690 / 1000 VAC (TNC) | 750 V | 30 kA | 15 kA | ≤ 6 kV | Yes | SP2-30K750V |
| STPT2-30K850V-3P-R | 83020201 | 800 VAC (IT)<br>690 / 1000 VAC (TNC) | 850 V | 30 kA | 15 kA | ≤ 6 kV | No | SP2-30K850V |
| STPT2-30K850V-3P-RM | 83020202 | 800 VAC (IT)<br>690 / 1000 VAC (TNC) | 850 V | 30 kA | 15 kA | ≤ 6 kV | Yes | SP2-30K850V |

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# Surge-Trap® Pluggable STPT2 Series - 40kA

STPT2-40K275V-4PM

## 4 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | L-N | N-PE |
| **TT (3Ph+N)** | | | | | | | | | |
| STPT2-40K150V-4PG | 83020144 | 120/208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP2-40K150V | SP2-40K-N |
| STPT2-40K150V-4PGM | 83020145 | 120/208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP2-40K150V | SP2-40K-N |
| STPT2-40K275V-4PG | 83020146 | 230/400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP2-40K275V | SP2-40K-N |
| STPT2-40K275V-4PGM | 83020147 | 230/400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP2-40K275V | SP2-40K-N |
| STPT2-40K320V-4PG | 83020148 | 277/480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP2-40K320V | SP2-40K-N |
| STPT2-40K320V-4PGM | 83020149 | 277/480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP2-40K320V | SP2-40K-N |
| **TNS (3Ph+N)** | | | | | | | | | |
| STPT2-40K150V-4P | 83020150 | 120/208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | No | SP2-40K150V | - |
| STPT2-40K150V-4PM | 83020151 | 120/208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | Yes | SP2-40K150V | - |
| STPT2-40K275V-4P | 83020152 | 230/400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | No | SP2-40K275V | - |
| STPT2-40K275V-4PM | 83020153 | 230/400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | Yes | SP2-40K275V | - |
| STPT2-40K320V-4P | 83020154 | 277/480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | No | SP2-40K320V | - |
| STPT2-40K320V-4PM | 83020155 | 277/480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | Yes | SP2-40K320V | - |
| **IT (3Ph+N)**<br>**TNS (3Ph+N)** | | | | | | | | | |
| STPT2-40K440V-4P | 83020156 | 230/400 VAC (IT)<br>400/690 VAC (TNS) | 440 V | 40 kA | 20 kA | ≤ 2 kV | No | SP2-40K440V | - |
| STPT2-40K440V-4PM | 83020157 | 230/400 VAC (IT)<br>400/690 VAC (TNS) | 440 V | 40 kA | 20 kA | ≤ 2 kV | Yes | SP2-40K440V | - |



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# Surge-Trap® Pluggable STPT2 Series - 40kA

SP2-40K275V

## Replacement cartridges

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ |
|---|---|---|---|---|---|---|
| **L-N** | | | | | | |
| SP2-40K60V | 83020008 | 48 VAC | 60 V | 40 kA | 20 kA | ≤ 0.7 kV |
| SP2-40K75V | 83020009 | 60 VAC | 75 V | 40 kA | 20 kA | ≤ 0.8 kV |
| SP2-40K150V | 83020001 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV |
| SP2-40K275V | 83020002 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV |
| SP2-40K320V | 83020003 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV |
| SP2-40K440V | 83020004 | 400 VAC | 440 V | 40 kA | 20 kA | ≤ 2 kV |
| SP2-30K750V | 83020007 | 690 VAC | 750 V | 30 kA | 15 kA | ≤ 3 kV |
| SP2-30K850V | 83020022 | 850 VAC | 850V | 30 kA | 15 kA | ≤ 3 kV |
| **N-PE** | | | | | | |
| SP2-40K-N | 83020000 | Neutral | 277 V | 40 kA | 20 kA | ≤ 1.5 kV |

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# Surge-Trap® Pluggable STPT23 Series - 20kA

PRODUCT RANGE

STPT23-20K320V-1PM

## 1 Pole

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_{oc}$ | $U_p$ at $I_n$ | Remote | Cartridge No L-N | Cartridge No N-PE |
|---|---|---|---|---|---|---|---|---|---|---|
| **L-N (1Ph)** | | | | | | | | | | |
| STPT23-20K150V-1P | 83230100 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | No | SP23-20K150V | - |
| STPT23-20K150V-1PM | 83230101 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | Yes | SP23-20K150V | - |
| STPT23-20K320V-1P | 83230102 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | No | SP23-20K320V | - |
| STPT23-20K320V-1PM | 83230103 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | Yes | SP23-20K320V | - |
| **N-PE (N)** | | | | | | | | | | |
| STPT23-20K-N | 83230106 | Neutral | 255 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | No | - | SP23-20K-N |

STPT23-20K320V-2PM

## 2 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_{oc}$ | $U_p$ at $I_n$ | Remote | Cartridge No L-N | Cartridge No N-PE |
|---|---|---|---|---|---|---|---|---|---|---|
| **TT (1Ph+N)** | | | | | | | | | | |
| STPT23-20K150V-2PG | 83230108 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP23-20K150V | SP23-20K-N |
| STPT23-20K150V-2PGM | 83230109 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP23-20K150V | SP23-20K-N |
| STPT23-20K275V-2PG-LF | 83230110 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP23-20K275V-LF | SP23-20K-N |
| STPT23-20K275V-2PG-LFM | 83230111 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP23-20K275V-LF | SP23-20K-N |
| STPT23-20K320V-2PG | 83230112 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP23-20K320V | SP23-20K-N |
| STPT23-20K320V-2PGM | 83230113 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP23-20K320V | SP23-20K-N |
| **TNS (1Ph+N)** | | | | | | | | | | |
| STPT23-20K150V-2P | 83230114 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | No | SP23-20K150V | - |
| STPT23-20K150V-2PM | 83230115 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | Yes | SP23-20K150V | - |
| STPT23-20K275V-2P-LF | 83230134 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | No | SP23-20K275V-LF | - |
| STPT23-20K275V-2P-LFM | 83230135 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | Yes | SP23-20K275V-LF | - |
| STPT23-20K320V-2P | 83230116 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | No | SP23-20K320V | - |
| STPT23-20K320V-2PM | 83230117 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | Yes | SP23-20K320V | - |

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# Surge-Trap® Pluggable STPT23 Series - 20kA

PRODUCT RANGE

STPT23-20K320V-3PM

## 3 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_{oc}$ | $U_p$ at $I_n$ | Remote | Cartridge No L-N |
|---|---|---|---|---|---|---|---|---|---|
| **TNC (3Ph)** | | | | | | | | | |
| STPT23-20K150V-3P | 83230118 | 120 / 208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | No | SP23-20K150V |
| STPT23-20K150V-3PM | 83230119 | 120 / 208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | Yes | SP23-20K150V |
| STPT23-20K275V-3P-LF | 83230120 | 230 / 400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | No | SP23-20K275V-LF |
| STPT23-20K275V-3P-LFM | 83230121 | 230 / 400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | Yes | SP23-20K275V-LF |
| STPT23-20K320V-3P | 83230122 | 230 / 400 VAC<br>277 / 480 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | No | SP23-20K320V |
| STPT23-20K320V-3PM | 83230123 | 230 / 400 VAC<br>277 / 480 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | Yes | SP23-20K320V |

STPT23-20K320V-4PM

## 4 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_{oc}$ | $U_p$ at $I_n$ | Remote | Cartridge No L-N | Cartridge No N-PE |
|---|---|---|---|---|---|---|---|---|---|---|
| **TT (3Ph+N)** | | | | | | | | | | |
| STPT23-20K150V-4PG | 83230124 | 120/208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP23-20K150V | SP23-20K-N |
| STPT23-20K150V-4PGM | 83230125 | 120/208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP23-20K150V | SP23-20K-N |
| STPT23-20K275V-4PG-LF | 83230126 | 230/400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP23-20K275V-LF | SP23-20K-N |
| STPT23-20K275V-4PG-LFM | 83230127 | 230/400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP23-20K275V-LF | SP23-20K-N |
| STPT23-20K320V-4PG | 83230128 | 230/400 VAC<br>277/400 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N)<br>≤ 1.5 kV (N-PE) | No | SP23-20K320V | SP23-20K-N |
| STPT23-20K320V-4PGM | 83230129 | 230/400 VAC<br>277/400 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N)<br>≤ 1.5 kV (N-PE) | Yes | SP23-20K320V | SP23-20K-N |
| **TNS (3Ph+N)** | | | | | | | | | | |
| STPT23-20K150V-4P | 83230130 | 120/208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | No | SP23-20K150V | - |
| STPT23-20K150V-4PM | 83230131 | 120/208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | Yes | SP23-20K150V | - |
| STPT23-20K275V-4P-LF | 83230136 | 230/400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | No | SP23-20K275V-LF | - |
| STPT23-20K275V-4P-LFM | 83230137 | 230/400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | Yes | SP23-20K275V-LF | - |
| STPT23-20K320V-4P | 83230132 | 230/400 VAC<br>277/400 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | No | SP23-20K320V | - |
| STPT23-20K320V-4PM | 83230133 | 230/400 VAC<br>277/400 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | Yes | SP23-20K320V | - |

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## Surge-Trap® Pluggable STPT23 Series - 20kA

PRODUCT RANGE

SP23-20K320V

### Replacement cartridges

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_{oc}$ | $U_p$ at $I_n$ |
|---|---|---|---|---|---|---|---|
| **L-N** | | | | | | | |
| SP23-20K150V | 83230001 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV |
| SP23-20K275V-LF | 83230003 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV |
| SP23-20K320V | 83230002 | 230 VAC<br>277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV |
| **N-PE** | | | | | | | |
| SP23-20K-N | 83230000 | Neutral | 255 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV |

## Surge-Trap® Monobloc STET23 Series - 20kA with EMI Filter

PRODUCT RANGE

STET23-20K275V-SPM

### 2 Poles

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | IL | Remote |
|---|---|---|---|---|---|---|---|---|
| **TT/TNS (1Ph+N)** | | | | | | | | |
| STET23-20K150V-SPM | 83230401 | 120 VAC | 150 V | 20 kA | 10 kA | ≤ 0.8 kV | 20 A | Yes |
| STET23-20K275V-SPM | 83230403 | 230 VAC | 275 V | 20 kA | 10 kA | ≤ 1.2 kV | 20 A | Yes |



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# Surge-Trap® Monobloc STMT23 Series

PRODUCT RANGE

STMT23-20K275V-SP-SM

## 2 Poles (Parallel)

| Catalog number | Item number | $U_n$ | Uc/MCOV | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_{oc}$ | MLV | $U_p$ at $I_n$ | Remote |
|---|---|---|---|---|---|---|---|---|---|
| **TT/TNS (1Ph+N)** | | | | | | | | | |
| STMT23-20K275V-SP-S | 83230510 | 230 V | 275 VAC<br>365 VDC | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N)<br>≤ 1.4 kV (N-PE) | ≤ 1.4 kV (L-N)<br>≤ 1.4 kV (N-PE) | No |
| STMT23-20K275V-SP-SM | 83230511 | 230 V | 275 VAC<br>365 VDC | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N)<br>≤ 1.4 kV (N-PE) | ≤ 1.4 kV (L-N)<br>≤ 1.4 kV (N-PE) | Yes |
| STMT23-6K150V-SP-S | 83230502 | 120 V | 150 VAC<br>200 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.61 kV (L-N)<br>≤ 1.03 kV (N-PE) | ≤ 0.7 kV (L-N)<br>≤ 0.9 kV (N-PE) | No |
| STMT23-6K150V-SP-SM | 83230503 | 120 V | 150 VAC<br>200 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.61 kV (L-N)<br>≤ 1.03 kV (N-PE) | ≤ 0.7 kV (L-N)<br>≤ 0.9 kV (N-PE) | Yes |
| STMT23-6K20V-SP-S | 83230500 | 12 V | 20 VAC<br>25 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.22 kV (L-N)<br>≤ 0.67 kV (N-PE) | ≤ 0.22 kV (L-N)<br>≤ 0.7 kV (N-PE) | No |
| STMT23-6K20V-SP-SM | 83230501 | 12 V | 20 VAC<br>25 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.22 kV (L-N)<br>≤ 0.67 kV (N-PE) | ≤ 0.22 kV (L-N)<br>≤ 0.7 kV (N-PE) | Yes |
| STMT23-6K30V-SP-S | 83230504 | 24 V | 30 VAC<br>36 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.26 kV (L-N)<br>≤ 0.78 kV (N-PE) | ≤ 0.22 kV (L-N)<br>≤ 0.7 kV (N-PE) | No |
| STMT23-6K30V-SP-SM | 83230505 | 24 V | 30 VAC<br>36 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.26 kV (L-N)<br>≤ 0.78 kV (N-PE) | ≤ 0.22 kV (L-N)<br>≤ 0.7 kV (N-PE) | Yes |
| STMT23-6K60V-SP-S | 83230506 | 48 V | 60 VAC<br>77 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.48 kV (L-N)<br>≤ 0.93 kV (N-PE) | ≤ 0.33 kV (L-N)<br>≤ 0.7 kV (N-PE) | No |
| STMT23-6K60V-SP-SM | 83230507 | 48 V | 60 VAC<br>77 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.48 kV (L-N)<br>≤ 0.93 kV (N-PE) | ≤ 0.33 kV (L-N)<br>≤ 0.7 kV (N-PE) | Yes |
| STMT23-6K75V-SP-S | 83230508 | 60 V | 75 VAC<br>100 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.48 kV (L-N)<br>≤ 0.93 kV (N-PE) | ≤ 0.5 kV (L-N)<br>≤ 0.9 kV (N-PE) | No |
| STMT23-6K75V-SP-SM | 83230509 | 60 V | 75 VAC<br>100 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.48 kV (L-N)<br>≤ 0.93 kV (N-PE) | ≤ 0.5 kV (L-N)<br>≤ 0.9 kV (N-PE) | Yes |

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# Surge-Trap® Signal - STS NET

STS-NET-CAT5-1P

## 1 Pole

| Catalog number | Item number | $U_n$ | $U_c$ | $I_n$ (8/20) | $U_p$ at $I_n$ | IL | Bandwidth (fg) | Protected Wires | Connection type |
|---|---|---|---|---|---|---|---|---|---|
| **CAT 5** | | | | | | | | | |
| STS-NET-CAT5-1P | 83040510 | 5 V | 6 V | 0.25 A | ≤ 35 V | 0.1 A | 100 MHz | 4 Pairs | RJ45 |
| **CAT 6** | | | | | | | | | |
| STS-NET-CAT6-1P | 83040520 | 5 V | 6 V | 0.25 A | ≤ 35 V | 0.1 A | 250 MHz | 4 Pairs | RJ45 |
| STS-NET-CAT6-PoE-1P | 83040525 | 5 V<br>48 V | 6 V<br>55 V | 0.25 A | ≤ 35 V<br>≤ 130 V | 0.1 A<br>1 A | 250 MHz | 4 Pairs | RJ45 |



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# Surge-Trap® Signal - STS PLC

STS-PLC-30V-2W-C1

## 2W

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | IL | Bandwidth (fg) | Protected Wires | Connection type |
|---|---|---|---|---|---|---|---|---|---|---|
| STS-PLC-30V-2W | 83040220 | 24 V | 30 V | 5 kA | 5 kA | ≤ 45 | 0.3 A | 3 MHz | 2 Wires | Spring terminal |
| STS-PLC-30V-2W-C1 | 83040221 | 24 V | 30 V | 5 kA | 5 kA | ≤ 50 | 0.37 A | 3 MHz | 2 Wires | Spring terminal |
| STS-PLC-30V-2W-C2 | 83040222 | 24 V | 30 V | 5 kA | 5 kA | ≤ 60 | 0.35 A | 3 MHz | 2 Wires | Spring terminal |
| STS-PLC-30V-2W-C3 | 83040223 | 24 V | 30 V | 5 kA | 5 kA | ≤ 40 | 0.3 A | 3 MHz | 2 Wires | Spring terminal |

STS-PLC-30V-4W1

## 4W

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | IL | Bandwidth (fg) | Protected Wires | Connection type |
|---|---|---|---|---|---|---|---|---|---|---|
| STS-PLC-30V-4W1 | 83040211 | 24 V | 30 V | 5 kA | 5 kA | ≤ 120 V | 0.5 A | 2 MHz | 4 Wires | Spring terminal |

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# Surge-Trap® Signal - STS 485

PRODUCT RANGE

STS485-7V-2W

## 2W

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | IL | Bandwidth (fg) | Protected Wires | Connection type |
|---|---|---|---|---|---|---|---|---|---|---|
| STS485-7V-2W | 83040111 | 6 V | 7 V | 10 kA | 5 kA | ≤ 10 V (L/L) | 0.1 A | 1 MHz | 1 Pair | Terminal |
| STS485-16V-2W | 83040112 | 12 V | 16 V | 10 kA | 5 kA | ≤ 20 V (L/L) | 0.1 A | 1.2 MHz | 1 Pair | Terminal |
| STS485-27V-2W | 83040113 | 24 V | 27 V | 10 kA | 5 kA | ≤ 40 V (L/L) | 0.1 A | 4 MHz | 1 Pair | Terminal |
| STS485-56V-2W | 83040114 | 48 V | 56 V | 10 kA | 5 kA | ≤ 70 V (L/L) | 0.1 A | 5 MHz | 1 Pair | Terminal |

STS485-5V-4WG

## WG

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | IL | Bandwidth (fg) | Protected Wires | Connection type |
|---|---|---|---|---|---|---|---|---|---|---|
| STS485-5V-4WG | 83040120 | 5 V | 5.2 V | 10 kA | 10 kA | ≤ 30 V | 0.45 A | 60 MHz | 2 Pairs + GND | Terminal |

STS485-5K15V-3WI

## 3WI

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | IL | Bandwidth (fg) | Protected Wires | Connection type |
|---|---|---|---|---|---|---|---|---|---|---|
| STS485-5K15V-3WI | 83040100 | 12 V | 15 V | 10 kA | 5 kA | ≤ 45 V (L/L)<br>≤ 400 V (L-PE) | 0.25 A | 10 MHz | 1 Pair + GND | Terminal |



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# Surge-Trap® Signal - STS RF

STS-RF-N

## RF

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Bandwidth (fg) | Impedance | Max. Power |
|---|---|---|---|---|---|---|---|---|---|
| **UHF (m-f)** | | | | | | | | | |
| STS-RF-N | 83040715 | 24 V | 230 V | 20 kA | 10 kA | ≤ 600 V | 3000 MHz | 75 Ω (ohm) | 100 W |
| **F (m-f)** | | | | | | | | | |
| STS-RF-F | 83040725 | 24 V | 230 V | 20 kA | 10 kA | ≤ 600 V | 2500 MHz | 75 Ω (ohm) | 100 W |
| **N (m-f)** | | | | | | | | | |
| STS-RF-UHF | 83040735 | 24 V | 230 V | 20 kA | 10 kA | ≤ 600 V | 3000 MHz | 50 Ω (ohm) | 150 W |

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# Surge-Trap® Signal - STS TEL

PRODUCT RANGE

STS-TEL-ADSL

## DIN RAIL

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | IL | Bandwidth (fg) | Protected Wires | Connection type |
|---|---|---|---|---|---|---|---|---|---|---|
| STS-TEL-ADSL | 83040610 | 50 V | 180 V | 10 kA | 5 kA | ≤ 200 V | 0.1 A | 3 MHz | 1 Pair | Terminal |



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# Surge-Trap® Pluggable STPT1+2 Series - 5kA PV

PRODUCT RANGE

STPT12-5K1000V-YPVM

## Large-scale and rooftop PV

| Catalog number | Item number | Number of poles/ phases | Ucpv | $I_{scpv}$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N |
|---|---|---|---|---|---|---|---|---|---|---|
| **YPV** | | | | | | | | | | |
| STPT12-5K1000V-YPV | 83120167 | 3 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV | No | SP12-5K1000V-PV |
| STPT12-5K1000V-YPVM | 83120168 | 3 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV | Yes | SP12-5K1000V-PV |
| STPT12-5K1500V-YPV | 83120193 | 3 | 1500 VDC | 10 kA | 5 kA | 40 kA | 15 kA | ≤ 5 kV | No | SP12-5K1500V-PV |
| STPT12-5K1500V-YPVM | 83120194 | 3 | 1500 VDC | 10 kA | 5 kA | 40 kA | 15 kA | ≤ 5 kV | Yes | SP12-5K1500V-PV |

STPT12-5K1000V-8YPVM

## Multipole for multiple MPPT inverters

| Catalog number | Item number | Number of poles/ phases | Ucpv | $I_{scpv}$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N |
|---|---|---|---|---|---|---|---|---|---|---|
| **Multiple MPPT** | | | | | | | | | | |
| STPT12-5K1000V-5YPVM | 83120192 | 5 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV | Yes | SP12-5K1000V-PV |
| STPT12-5K1000V-8YPVM | 83120190 | 8 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV | Yes | SP12-5K1000V-PV |

SP12-5K1000V-PV

## Replacement cartridges

| Catalog number | Item number | Ucpv | $I_{scpv}$ | $I_{imp}$ (10/350) | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ |
|---|---|---|---|---|---|---|---|
| SP12-5K1000V-PV | 83120011 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV |
| SP12-5K1500V-PV | 83120023 | 750 VDC | 10 kA | 5 kA | 40 kA | 15 kA | ≤ 2,5 kV |

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# Surge-Trap® Pluggable STPT2 Series - 40kA PV

PRODUCT RANGE

STPT2-40K1500V-YPVM

## Large-scale and rooftop PV

| Catalog number | Item number | Number of poles/ phases | Ucpv | $I_{scpv}$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N |
|---|---|---|---|---|---|---|---|---|---|
| **Y PV** | | | | | | | | | |
| STPT2-40K600V-YPV | 83020138 | 3 | 660 VDC | 10 kA | 40 kA | 20 kA | ≤ 2.6 kV | No | SP2-40K600V-PV |
| STPT2-40K600V-YPVM | 83020139 | 3 | 660 VDC | 10 kA | 40 kA | 20 kA | ≤ 2.6 kV | Yes | SP2-40K600V-PV |
| STPT2-40K1000V-YPV | 83020140 | 3 | 1060 VDC | 10 kA | 40 kA | 20 kA | ≤ 4 kV | No | SP2-40K1000V-PV |
| STPT2-40K1000V-YPVM | 83020141 | 3 | 1060 VDC | 10 kA | 40 kA | 20 kA | ≤ 4 kV | Yes | SP2-40K1000V-PV |
| STPT2-40K1500V-YPV | 83020158 | 3 | 1500 VDC | 10 kA | 40 kA | 15 kA | ≤ 5 kV | No | SP2-40K1500V-PV |
| STPT2-40K1500V-YPVM | 83020159 | 3 | 1500 VDC | 10 kA | 40 kA | 15 kA | ≤ 5 kV | Yes | SP2-40K1500V-PV |

STPT2-40K60V-2PM

## Self-consumption PV

| Catalog number | Item number | Number of poles/phases | Ucpv | $I_{scpv}$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N |
|---|---|---|---|---|---|---|---|---|---|
| **U PV** | | | | | | | | | |
| STPT2-40K60V-2P | 83020128 | 2 | 65 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.7 kV | No | SP2-40K60V |
| STPT2-40K60V-2PM | 83020129 | 2 | 65 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.7 kV | Yes | SP2-40K60V |
| STPT2-40K75V-2P | 83020130 | 2 | 80 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.8 kV | No | SP2-40K75V |
| STPT2-40K75V-2PM | 83020131 | 2 | 80 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.8 kV | Yes | SP2-40K75V |

STPT2-40K1000V-8YPVM

## Multipole for multiple MPPT inverters

| Catalog number | Item number | Number of poles/phases | Ucpv | $I_{scpv}$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ | Remote | Cartridge No L-N |
|---|---|---|---|---|---|---|---|---|---|
| **Multiple MPPT** | | | | | | | | | |
| STPT2-40K1000V-5YPVM | 83020188 | 5 | 1060 VDC | 10 kA | 40 kA | 20 A | ≤ 4 kV | Yes | SP2-40K1000V-PV |
| STPT2-40K1000V-8YPVM | 83020204 | 8 | 1060 VDC | 10 kA | 40 kA | 20 A | ≤ 4 kV | Yes | SP2-40K1000V-PV |



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# Surge-Trap® Pluggable STPT2 Series - 40kA PV

PRODUCT RANGE

SP2-40K1500V-PV

## Replacement cartridges

| Catalog number | Item number | Ucpv | $I_{scpv}$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_p$ at $I_n$ |
|---|---|---|---|---|---|---|
| **PV** | | | | | | |
| SP2-40K60V | 83020008 | 65 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.35 kV |
| SP2-40K75V | 83020009 | 80 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.4 kV |
| SP2-40K600V-PV | 83020005 | 330 VDC | 10 kA | 40 kA | 20 kA | ≤ 1.3 kV |
| SP2-40K1000V-PV | 83020006 | 530 VDC | 10 kA | 40 kA | 20 kA | ≤ 2 kV |
| SP2-40K1500V-PV | 83020010 | 750 VDC | 10 kA | 40 kA | 15 kA | ≤ 2.5 kV |

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# Surge-Trap® Type 2+3 - for LED Lighting

PRODUCT RANGE

STLT23-10K320V-C12

## STL

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_{oc}$ | $U_p$ at $I_n$ | IL |
|---|---|---|---|---|---|---|---|---|
| **C12 (1Ph+N / 2Ph-Universal)** | | | | | | | | |
| STLT23-10K320V-C12 | 83230302 | 230 VAC | 320 V | 10 kA | 5 kA | 10 kV | ≤ 1.5 kV (L-N)<br>≤ 1.8 kV (L/N-GND) | 10 A |
| **C2 (1Ph+N)** | | | | | | | | |
| STLT23-10K320V-C2-WD | 83230323 | 230 VAC | 320 V | 10 kA | 5 kA | 10 kV | ≤ 1.5 kV (L-N) | 2.5 A |
| **C4 (1Ph+N)** | | | | | | | | |
| STLT23-10K320V-C4-WD | 83230322 | 230 VAC | 320 V | 10 kA | 5 kA | 10 kV | ≤ 1.5 kV (L-N)<br>≤ 1.8 kV (N-PE) | 2.5 A |

STLBT23-20K275V-C4-DD

## STLB

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_{oc}$ | $U_p$ at $I_n$ | IL |
|---|---|---|---|---|---|---|---|---|
| **C4 (1Ph+N)** | | | | | | | | |
| STLBT23-20K275V-C4-DD | 83230321 | 230 VAC | 275 V | 20 kA | 10 kA | 20 kV | ≤ 1.5 kV (L-N)<br>≤ 1.8 kV (N-PE) | 2.5 A |



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# Surge-Trap® Monobloc STMT23 Series for fusebox

PRODUCT RANGE

STMT23-10K320V-SP-SF

## 2 Poles (Series/Parallel) for Fusebox

| Catalog number | Item number | $U_n$ | $U_c$ | $I_{max}$ (8/20) | $I_n$ (8/20) | $U_{oc}$ | $U_p$ at $I_n$ |
|---|---|---|---|---|---|---|---|
| **C4 (1Ph+N)** | | | | | | | |
| STMT23-10K320V-SP-SF | 83230512 | 230 VAC | 320 V | 10 kA | 5 kA | 10 kV | ≤ 1.5 kV (L-N)<br>≤ 1.8 kV (N-PE) |

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# Surge-Trap® PCB Socket

PRODUCT RANGE

SB-PCB-1000PV-M

## Photovoltaic (DC)

| Catalog number | Item number | Ucpv | Remote | Cartridge No<br>L-N |
|---|---|---|---|---|
| SB-PCB-1000PV-M | 83050133 | 1000 VDC | Yes | SP2-40K1000V-PV |
| SB-PCB-1500PV-M | 83050135 | 1500 VDC | Yes | SP2-40K1500V-PV |

SB-PCB-275V-M

## AC

| Catalog number | Item number | $U_c$ | Remote | Cartridge No<br>L-N |
|---|---|---|---|---|
| SB-PCB-275V-M | 83050119 | 275 V | Yes | SP2-40K275V |
| SB-PCB-320V-M | 83050121 | 320 V | Yes | SP2-40K320V |
| SB-PCB-440V-M | 83050123 | 440 V | Yes | SP2-40K440V |
| SB-PCB-750V-M | 83050127 | 750 V | Yes | SP2-30K750V |



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# Protistor® size 10x38 aR (URB/D/L)

PRODUCT RANGE

## 500 to 600VAC

A060UD0.125T13

### Size 10x38 aR 600VAC without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|
| A060UD0.100T13 | H077632 | 600 V | 0.1 A | 0.0012 A²s | 200 kA | 0.4 W | 10 | 8 g |
| A060UD0.125T13 | J077633 | 600 V | 0.125 A | 0.0023 A²s | 200 kA | 0.44 W | 10 | 8 g |
| A060UD0.160T13 | K077634 | 600 V | 0.16 A | 0.0052 A²s | 200 kA | 0.48 W | 10 | 8 g |
| A060UD0.200T13 | L077635 | 600 V | 0.2 A | 0.008 A²s | 200 kA | 0.58 W | 10 | 8 g |
| A060UD0.250T13 | M077636 | 600 V | 0.25 A | 0.018 A²s | 200 kA | 0.6 W | 10 | 8 g |
| A060UD0.315T13 | N077637 | 600 V | 0.315 A | 0.033 A²s | 200 kA | 0.73 W | 10 | 8 g |
| A060UD0.400T13 | P077638 | 600 V | 0.4 A | 0.056 A²s | 200 kA | 0.8 W | 10 | 8 g |
| A060UD0.500T13 | Q077639 | 600 V | 0.5 A | 0.1 A²s | 200 kA | 0.8 W | 10 | 8 g |
| A060UD0.630T13 | R077640 | 600 V | 0.63 A | 0.18 A²s | 200 kA | 0.9 W | 10 | 8 g |

A050URD1T13I

### Size 10x38 aR 500VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| A050URD1T13I | P076925 | 500 V | 1 A | 0.4 A²s | 3.6 A²s | 50 kA | 0.7 W | 10 | 9.2 g |
| A050URD1.2T13I | H076597 | 500 V | 1.25 A | 0.13 A²s | 1.7 A²s | 50 kA | 0.91 W | 10 | 9.2 g |
| A050URD1.6T13I | G076596 | 500 V | 1.6 A | 0.31 A²s | 2.2 A²s | 50 kA | 1 W | 10 | 9.2 g |
| A050URD2T13I | Q076926 | 500 V | 2 A | 0.65 A²s | 3.1 A²s | 50 kA | 1.1 W | 10 | 9.2 g |
| A050URD2.5T13I | F076595 | 500 V | 2.5 A | 1.65 A²s | 5.9 A²s | 50 kA | 1.1 W | 10 | 9.2 g |
| A050URD3T13I | R076927 | 500 V | 3.15 A | 2.8 A²s | 9 A²s | 50 kA | 1.5 W | 10 | 9.2 g |
| A050URD4T13I | S076928 | 500 V | 4 A | 5.3 A²s | 16 A²s | 50 kA | 1.8 W | 10 | 9.2 g |
| A050URD5T13I | T076929 | 500 V | 5 A | 12.7 A²s | 36 A²s | 50 kA | 0.8 W | 10 | 9.2 g |
| A050URB6T13I | V076930 | 500 V | 6 A | 1.3 A²s | 47 A²s | 50 kA | 1.35 W | 10 | 9.2 g |
| A050URB8T13I | W076931 | 500 V | 8 A | 2.3 A²s | 80 A²s | 50 kA | 1.585 W | 10 | 9.2 g |
| A050URB10T13I | X076932 | 500 V | 10 A | 3.6 A²s | 110 A²s | 50 kA | 1.9 W | 10 | 9.2 g |
| A050URB12T13I | Y076933 | 500 V | 12 A | 5.25 A²s | 150 A²s | 50 kA | 2.3 W | 10 | 9.2 g |
| A050URB16T13I | Z076934 | 500 V | 16 A | 9.3 A²s | 200 A²s | 50 kA | 3.1 W | 10 | 9.2 g |
| A050URB20T13I | A076935 | 500 V | 20 A | 16 A²s | 290 A²s | 50 kA | 3.2 W | 10 | 9.2 g |
| A050URL25T13I | B076936 | 500 V | 25 A | 37 A²s | 580 A²s | 50 kA | 4.25 W | 10 | 9.2 g |
| A050URL30T13I | C076937 | 500 V | 30 A | 58 A²s | 900 A²s | 50 kA | 5.1 W | 10 | 9.2 g |

# Protistor® size 10x38 gR

PRODUCT RANGE

## 690VAC

FR10GR69V3

### Size 10x38 gR 690VAC without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR10GR69V1 | L1014563 | 690 V | 1 A | 0.17 A²s | 0.48 A²s | 160 kA | 0.8 W | 10 | 8 g |
| FR10GR69V1.25 | N1014565 | 690 V | 1.25 A | 0.18 A²s | 0.55 A²s | 160 kA | 1.5 W | 10 | 8 g |
| FR10GR69V1.5 | P1014566 | 690 V | 1.5 A | 0.31 A²s | 0.8 A²s | 160 kA | 1.2 W | 10 | 8 g |
| FR10GR69V2 | Q1014567 | 690 V | 2 A | 0.94 A²s | 2.5 A²s | 160 kA | 1.3 W | 10 | 8 g |
| FR10GR69V2.5 | T1014570 | 690 V | 2.5 A | 1.65 A²s | 4.5 A²s | 160 kA | 1.4 W | 10 | 8 g |
| FR10GR69V3 | V1014571 | 690 V | 3 A | 2.83 A²s | 7.8 A²s | 160 kA | 1.5 W | 10 | 8 g |
| FR10GR69V4 | W1014572 | 690 V | 4 A | 6.7 A²s | 12 A²s | 160 kA | 1.7 W | 10 | 8 g |
| FR10GR69V5 | X1014573 | 690 V | 5 A | 7 A²s | 30 A²s | 160 kA | 0.9 W | 10 | 8 g |
| FR10GR69V6 | Y1014574 | 690 V | 6 A | 9 A²s | 40 A²s | 160 kA | 1.4 W | 10 | 8 g |
| FR10GR69V8 | Z1014575 | 690 V | 8 A | 5.4 A²s | 35 A²s | 160 kA | 1.9 W | 10 | 8 g |
| FR10GR69V10 | A1014576 | 690 V | 10 A | 6.7 A²s | 55 A²s | 160 kA | 2.1 W | 10 | 8 g |
| FR10GR69V12.5 | C1014578 | 690 V | 12.5 A | 11 A²s | 90 A²s | 160 kA | 2.8 W | 10 | 8 g |
| FR10GR69V16 | D1014579 | 690 V | 16 A | 19 A²s | 140 A²s | 160 kA | 3 W | 10 | 8 g |
| FR10GR69V20 | E1014580 | 690 V | 20 A | 39 A²s | 245 A²s | 160 kA | 3.7 W | 10 | 8 g |
| FR10GR69V25 | F1014581 | 690 V | 25 A | 69 A²s | 425 A²s | 160 kA | 4.3 W | 10 | 8 g |
| FR10GR69V30 | G1014582 | 690 V | 30 A | 107 A²s | 675 A²s | 160 kA | 4.8 W | 10 | 8 g |
| FR10GR69V32 | H1014583 | 690 V | 32 A | 154 A²s | 945 A²s | 160 kA | 5.1 W | 10 | 8 g |

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# Protistor® size 14x51 aR

PRODUCT RANGE

## 690VAC (IEC) / 700VAC (UL)

FR14AR69V16T

### Size 14x51 aR with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR14AR69V6T | P1056656 | 690 V | 6 A | 2.4 A²s | 20 A²s | 160 kA | 1.5 W | 10 | 20 g |
| FR14AR69V8T | Q1056657 | 690 V | 8 A | 3.3 A²s | 30 A²s | 160 kA | 2 W | 10 | 20 g |
| FR14AR69V10T | R1056658 | 690 V | 10 A | 4.3 A²s | 40 A²s | 160 kA | 3 W | 10 | 20 g |
| FR14AR69V12T | S1056659 | 690 V | 12 A | 5.4 A²s | 55 A²s | 160 kA | 4 W | 10 | 20 g |
| FR14AR69V16T | T1056660 | 690 V | 16 A | 11.3 A²s | 100 A²s | 160 kA | 5 W | 10 | 20 g |
| FR14AR69V20T | V1056661 | 690 V | 20 A | 21.7 A²s | 160 A²s | 160 kA | 5.5 W | 10 | 20 g |
| FR14AR69V25T | W1056662 | 690 V | 25 A | 45.3 A²s | 345 A²s | 160 kA | 6 W | 10 | 20 g |
| FR14AR69V32T | X1056663 | 690 V | 32 A | 77.4 A²s | 500 A²s | 160 kA | 7.7 W | 10 | 20 g |
| FR14AR69V40T | Y1056664 | 690 V | 40 A | 129.6 A²s | 850 A²s | 160 kA | 9.2 W | 10 | 20 g |
| FR14AR69V50T | Z1056665 | 690 V | 50 A | 241.1 A²s | 1500 A²s | 160 kA | 11.2 W | 10 | 20 g |
| FR14AR69V63T | A1056666 | 690 V | 63 A | 428.6 A²s | 2600 A²s | 160 kA | 14.3 W | 10 | 20 g |

FR14AR69V50

### Size 14x51 aR without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR14AR69V6 | H1027325 | 690 V | 6 A | 2.4 A²s | 20 A²s | 160 kA | 1.5 W | 10 | 20 g |
| FR14AR69V8 | J1027326 | 690 V | 8 A | 3.3 A²s | 30 A²s | 160 kA | 2 W | 10 | 20 g |
| FR14AR69V10 | K1027327 | 690 V | 10 A | 4.3 A²s | 40 A²s | 160 kA | 3 W | 10 | 20 g |
| FR14AR69V12 | L1027328 | 690 V | 12 A | 5.4 A²s | 55 A²s | 160 kA | 4 W | 10 | 20 g |
| FR14AR69V16 | M1027329 | 690 V | 16 A | 11.3 A²s | 100 A²s | 160 kA | 5 W | 10 | 20 g |
| FR14AR69V20 | N1027330 | 690 V | 20 A | 21.7 A²s | 160 A²s | 160 kA | 5.5 W | 10 | 20 g |
| FR14AR69V25 | P1027331 | 690 V | 25 A | 45.3 A²s | 345 A²s | 160 kA | 6 W | 10 | 20 g |
| FR14AR69V32 | Q1027332 | 690 V | 32 A | 77.4 A²s | 500 A²s | 160 kA | 7.7 W | 10 | 20 g |
| FR14AR69V40 | R1027333 | 690 V | 40 A | 129.6 A²s | 850 A²s | 160 kA | 9.2 W | 10 | 20 g |
| FR14AR69V50 | S1027334 | 690 V | 50 A | 241.1 A²s | 1500 A²s | 160 kA | 11.2 W | 10 | 20 g |
| FR14AR69V63 | T1027335 | 690 V | 63 A | 428.6 A²s | 2600 A²s | 160 kA | 14.3 W | 10 | 20 g |

# Protistor® size 14x51 gR

PRODUCT RANGE

## 690VAC (IEC) / 700VAC (UL)

FR14GR69V63T

### CP 14x51 gR with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR14GR69V2T | D1017178 | 690 V | 2 A | 0.9 A²s | 1.8 A²s | 160 kA | 1.75 W | 10 | 20 g |
| FR14GR69V4T | E1017179 | 690 V | 4 A | 6.7 A²s | 13 A²s | 160 kA | 2.9 W | 10 | 20 g |
| FR14GR69V6T | F1017180 | 690 V | 6 A | 8 A²s | 35 A²s | 160 kA | 2 W | 10 | 20 g |
| FR14GR69V8T | G1017181 | 690 V | 8 A | 4.3 A²s | 40 A²s | 160 kA | 2.25 W | 10 | 20 g |
| FR14GR69V10T | H1017182 | 690 V | 10 A | 4.3 A²s | 45 A²s | 160 kA | 2.95 W | 10 | 20 g |
| FR14GR69V12T | J1017183 | 690 V | 12 A | 5.4 A²s | 60 A²s | 160 kA | 4.1 W | 10 | 20 g |
| FR14GR69V16T | K1017184 | 690 V | 16 A | 13.1 A²s | 125 A²s | 160 kA | 4.65 W | 10 | 20 g |
| FR14GR69V20T | L1017185 | 690 V | 20 A | 26.8 A²s | 230 A²s | 160 kA | 4.8 W | 10 | 20 g |
| FR14GR69V25T | M1017186 | 690 V | 25 A | 52.5 A²s | 385 A²s | 160 kA | 5.95 W | 10 | 20 g |
| FR14GR69V32T | Q1017189 | 690 V | 32 A | 96.7 A²s | 700 A²s | 160 kA | 6.9 W | 10 | 20 g |
| FR14GR69V40T | S1017191 | 690 V | 40 A | 210 A²s | 1050 A²s | 160 kA | 7.5 W | 10 | 20 g |
| FR14GR69V50T | T1017192 | 690 V | 50 A | 387 A²s | 2250 A²s | 160 kA | 8.75 W | 10 | 20 g |
| FR14GR69V63T | V1017193 | 690 V | 63 A | 617 A²s | 2900 A²s | 160 kA | 12.5 W | 10 | 20 g |



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# Protistor® size 14x51 gR

PRODUCT RANGE

## 690VAC (IEC) / 700VAC (UL)

FR14GR69V63

### CP 14x51 gR without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR14GR69V1 | X1017195 | 690 V | 1 A | 0.2 A²s | 0.3 A²s | 160 kA | 1.15 W | 10 | 20 g |
| FR14GR69V2 | Y1017196 | 690 V | 2 A | 0.9 A²s | 1.8 A²s | 160 kA | 1.75 W | 10 | 20 g |
| FR14GR69V4 | Z1017197 | 690 V | 4 A | 6.7 A²s | 13 A²s | 160 kA | 2.9 W | 10 | 20 g |
| FR14GR69V6 | A1017198 | 690 V | 6 A | 8 A²s | 35 A²s | 160 kA | 2 W | 10 | 20 g |
| FR14GR69V8 | B1017199 | 690 V | 8 A | 4.3 A²s | 40 A²s | 160 kA | 2.25 W | 10 | 20 g |
| FR14GR69V10 | C1017200 | 690 V | 10 A | 4.3 A²s | 45 A²s | 160 kA | 2.95 W | 10 | 20 g |
| FR14GR69V12 | D1017201 | 690 V | 12 A | 5.4 A²s | 60 A²s | 160 kA | 4.1 W | 10 | 20 g |
| FR14GR69V16 | E1017202 | 690 V | 16 A | 13.1 A²s | 125 A²s | 160 kA | 4.65 W | 10 | 20 g |
| FR14GR69V20 | F1017203 | 690 V | 20 A | 26.8 A²s | 230 A²s | 160 kA | 4.8 W | 10 | 20 g |
| FR14GR69V25 | G1017204 | 690 V | 25 A | 52.5 A²s | 385 A²s | 160 kA | 5.95 W | 10 | 20 g |
| FR14GR69V32 | H1017205 | 690 V | 32 A | 96.7 A²s | 700 A²s | 160 kA | 6.9 W | 10 | 20 g |
| FR14GR69V40 | J1017206 | 690 V | 40 A | 210 A²s | 1050 A²s | 160 kA | 7.5 W | 10 | 20 g |
| FR14GR69V50 | K1017207 | 690 V | 50 A | 387 A²s | 2250 A²s | 160 kA | 8.75 W | 10 | 20 g |
| FR14GR69V63 | L1017208 | 690 V | 63 A | 617 A²s | 2900 A²s | 160 kA | 12.5 W | 10 | 20 g |

# Protistor® size 22x58 aR

PRODUCT RANGE

## 690VAC (IEC) / 700VAC (UL)

FR22AR69V135T

### Size 22x58 aR with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR22AR69V25T | B1056667 | 690 V | 25 A | 32.4 A²s | 300 A²s | 160 kA | 8.5 W | 10 | 57 g |
| FR22AR69V32T | C1056668 | 690 V | 32 A | 60.3 A²s | 650 A²s | 160 kA | 10.5 W | 10 | 57 g |
| FR22AR69V40T | D1056669 | 690 V | 40 A | 101.8 A²s | 950 A²s | 160 kA | 12 W | 10 | 57 g |
| FR22AR69V50T | E1056670 | 690 V | 50 A | 217.6 A²s | 1850 A²s | 160 kA | 13.4 W | 10 | 57 g |
| FR22AR69V63T | F1056671 | 690 V | 63 A | 386.8 A²s | 3100 A²s | 160 kA | 15.5 W | 10 | 57 g |
| FR22AR69V80T | G1056672 | 690 V | 80 A | 840.1 A²s | 6800 A²s | 160 kA | 16 W | 10 | 57 g |
| FR22AR69V100T | H1056673 | 690 V | 100 A | 1890 A²s | 13000 A²s | 160 kA | 17.8 W | 10 | 57 g |
| FR22AR69V125T | J1056674 | 690 V | 125 A | 2897 A²s | 15500 A²s | 160 kA | 22.8 W | 10 | 57 g |
| FR22AR69V135T | K1056675 | 690 V | 135 A | 3360 A²s | 18500 A²s | 160 kA | 27 W | 10 | 57 g |

FR22AR69V63

### Size 22x58 aR without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR22AR69V25 | Y1027316 | 690 V | 25 A | 32.4 A²s | 300 A²s | 160 kA | 8.5 W | 10 | 57 g |
| FR22AR69V32 | Z1027317 | 690 V | 32 A | 60.3 A²s | 650 A²s | 160 kA | 10.5 W | 10 | 57 g |
| FR22AR69V40 | A1027318 | 690 V | 40 A | 101.8 A²s | 950 A²s | 160 kA | 12 W | 10 | 57 g |
| FR22AR69V50 | B1027319 | 690 V | 50 A | 217.6 A²s | 1850 A²s | 160 kA | 13.4 W | 10 | 57 g |
| FR22AR69V63 | C1027320 | 690 V | 63 A | 386.8 A²s | 3100 A²s | 160 kA | 15.5 W | 10 | 57 g |
| FR22AR69V80 | D1027321 | 690 V | 80 A | 840.1 A²s | 6800 A²s | 160 kA | 16 W | 10 | 57 g |
| FR22AR69V100 | E1027322 | 690 V | 100 A | 1890 A²s | 13000 A²s | 160 kA | 17.8 W | 10 | 57 g |
| FR22AR69V125 | F1027323 | 690 V | 125 A | 2897 A²s | 15500 A²s | 160 kA | 22.8 W | 10 | 57 g |
| FR22AR69V135 | G1027324 | 690 V | 135 A | 3360 A²s | 18500 A²s | 160 kA | 27 W | 10 | 57 g |

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# Protistor® size 22x58 gR

PRODUCT RANGE

## 690VAC (IEC) / 700VAC (UL)

FR22GR69V12T

### CP 22x58 gR with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR22GR69V12T | W1018620 | 690 V | 12 A | 5.4 A²s | 60 A²s | 160 kA | 4.4 W | 10 | 60 g |
| FR22GR69V16T | X1018621 | 690 V | 16 A | 13.1 A²s | 125 A²s | 160 kA | 4.65 W | 10 | 60 g |
| FR22GR69V20T | Y1018622 | 690 V | 20 A | 17.1 A²s | 160 A²s | 160 kA | 7 W | 10 | 60 g |
| FR22GR69V25T | Z1018623 | 690 V | 25 A | 38.6 A²s | 315 A²s | 160 kA | 7.65 W | 10 | 60 g |
| FR22GR69V32T | A1018624 | 690 V | 32 A | 77.4 A²s | 670 A²s | 160 kA | 9.1 W | 10 | 60 g |
| FR22GR69V40T | B1018625 | 690 V | 40 A | 154 A²s | 1050 A²s | 160 kA | 9.5 W | 10 | 60 g |
| FR22GR69V50T | C1018626 | 690 V | 50 A | 292 A²s | 2050 A²s | 160 kA | 11.8 W | 10 | 60 g |
| FR22GR69V63T | D1018627 | 690 V | 63 A | 519 A²s | 3350 A²s | 160 kA | 13.6 W | 10 | 60 g |
| FR22GR69V80T | E1018628 | 690 V | 80 A | 1240 A²s | 7600 A²s | 160 kA | 13.8 W | 10 | 60 g |
| FR22GR69V100T | F1018629 | 690 V | 100 A | 2470 A²s | 14500 A²s | 160 kA | 16 W | 10 | 60 g |
| FR22GR69V125T | G1018630 | 690 V | 125 A | 3360 A²s | 16800 A²s | 160 kA | 22.8 W | 10 | 60 g |
| FR22GR69V135T | H1018631 | 690 V | 135 A | 4390 A²s | 19800 A²s | 160 kA | 25.5 W | 10 | 60 g |

FR22GR69V12

### CP 22x58 gR without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR22GR69V12 | W1018551 | 690 V | 12 A | 5.4 A²s | 60 A²s | 160 kA | 4.4 W | 10 | 60 g |
| FR22GR69V16 | X1018552 | 690 V | 16 A | 13.1 A²s | 125 A²s | 160 kA | 4.65 W | 10 | 60 g |
| FR22GR69V20 | Y1018553 | 690 V | 20 A | 17.1 A²s | 160 A²s | 160 kA | 7 W | 10 | 60 g |
| FR22GR69V25 | Z1018554 | 690 V | 25 A | 38.6 A²s | 315 A²s | 160 kA | 7.65 W | 10 | 60 g |
| FR22GR69V32 | A1018555 | 690 V | 32 A | 77.4 A²s | 670 A²s | 160 kA | 9.1 W | 10 | 60 g |
| FR22GR69V40 | B1018556 | 690 V | 40 A | 154 A²s | 1050 A²s | 160 kA | 9.5 W | 10 | 60 g |
| FR22GR69V50 | C1018557 | 690 V | 50 A | 292 A²s | 2050 A²s | 160 kA | 11.8 W | 10 | 60 g |
| FR22GR69V63 | D1018558 | 690 V | 63 A | 519 A²s | 3350 A²s | 160 kA | 13.6 W | 10 | 60 g |
| FR22GR69V80 | E1018559 | 690 V | 80 A | 1240 A²s | 7600 A²s | 160 kA | 13.8 W | 10 | 60 g |
| FR22GR69V100 | F1018560 | 690 V | 100 A | 2470 A²s | 14500 A²s | 160 kA | 16 W | 10 | 60 g |
| FR22GR69V125 | G1018561 | 690 V | 125 A | 3360 A²s | 16800 A²s | 160 kA | 22.8 W | 10 | 60 g |
| FR22GR69V135 | H1018562 | 690 V | 135 A | 4390 A²s | 19800 A²s | 160 kA | 25.5 W | 10 | 60 g |

# Protistor® size 27x60 aR (URGD)

PRODUCT RANGE

## 600VAC to 690VAC

FR27UD69V125T

### Size 27x60 aR (URGD) 600 to 690VAC with trip-indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Rated breaking capacity AC | Power dissipation at $I_n$ | Operating $I^2t$ at Rated Voltage | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR27UD69V63T | A076820 | 690 V | 63 A | 0.405 kA²s | 200 kA | 22 W | 1.84 kA²s | 10 | 80 g |
| FR27UD69V80T | B076821 | 690 V | 80 A | 0.86 kA²s | 200 kA | 24.6 W | 3.75 kA²s | 10 | 80 g |
| FR27UD69V100T | C076822 | 690 V | 100 A | 1.62 kA²s | 200 kA | 27 W | 6.8 kA²s | 10 | 80 g |
| FR27UD69V125T | D076823 | 690 V | 125 A | 3.425 kA²s | 200 kA | 29.9 W | 13.6 kA²s | 10 | 80 g |
| FR27UD69V160T | E076824 | 690 V | 160 A | 6.48 kA²s | 200 kA | 32.5 W | 24.6 kA²s | 10 | 80 g |
| FR27UD69V200T | F076825 | 690 V | 200 A | 13.7 kA²s | 200 kA | 35.7 W | 61.5 kA²s | 10 | 80 g |
| FR27UD60V250T | W076264 | 600 V | 250 A | 29.6 kA²s | 200 kA | 40 W | 107 kA²s | 10 | 80 g |



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# Protistor® size 27x60 gR (gRB)

PRODUCT RANGE

## 800VAC (IEC)

FR27GB80V110T

### Size 27x60 gRB 800VAC with trip-indicator

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current $I_n$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| FR27GB80V8T | R221436 | 26x60 | 800 V | 8 A | 70 A²s | 90 kA | 2 W | 3/10 | 80 g |
| FR27GB80V100T | D221447 | 26x60 | 800 V | 100 A | 19000 A²s | 90 kA | 13 W | 3/10 | 80 g |
| FR27GB80V110T | E221448 | 26x60 | 800 V | 110 A | 27000 A²s | 90 kA | 14 W | 3/10 | 80 g |
| FR27GB80V10T | S221437 | 26x60 | 800 V | 10 A | 100 A²s | 90 kA | 2.3 W | 3/10 | 80 g |
| FR27GB80V12T | T221438 | 26x60 | 800 V | 12 A | 180 A²s | 90 kA | 2.5 W | 3/10 | 80 g |
| FR27GB80V16T | V221439 | 26x60 | 800 V | 16 A | 250 A²s | 90 kA | 3.5 W | 3/10 | 80 g |
| FR27GB80V20T | W221440 | 26x60 | 800 V | 20 A | 350 A²s | 90 kA | 4 W | 3/10 | 80 g |
| FR27GB80V25T | X221441 | 26x60 | 800 V | 25 A | 600 A²s | 90 kA | 5 W | 3/10 | 80 g |
| FR27GB80V32T | Y221442 | 26x60 | 800 V | 32 A | 1000 A²s | 90 kA | 6 W | 3/10 | 80 g |
| FR27GB80V40T | Z221443 | 26x60 | 800 V | 40 A | 1400 A²s | 90 kA | 8 W | 3/10 | 80 g |
| FR27GB80V50T | A221444 | 26x60 | 800 V | 50 A | 2700 A²s | 90 kA | 8.5 W | 3/10 | 80 g |
| FR27GB80V63T | B221445 | 26x60 | 800 V | 63 A | 5500 A²s | 90 kA | 10 W | 3/10 | 80 g |
| FR27GB80V80T | C221446 | 26x60 | 800 V | 80 A | 11000 A²s | 90 kA | 11.5 W | 3/10 | 80 g |

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# Modulostar® CUS10

PRODUCT RANGE

## Modular fuse-holders

CUS101

### Modulostar™ compact fuse holders for 10.3x38.1 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package |
|---|---|---|---|---|
| CUS101 | G1062721 | 1 | CUS10 single pole | 12 |
| CUS101N | C1062717 | 1+N | CUS10 single pole + neutral conductor | 6 |
| CUS102 | D1062718 | 2 | CUS10 double pole | 6 |
| CUS103 | A1062715 | 3 | CUS10 triple pole | 4 |
| CUS103N | W1062711 | 3+N | CUS10 triple pole + neutral conductor | 3 |
| CUS104 | X1062712 | 4 | CUS10 quadruple pole | 3 |
| CUS10N | H1062722 | N | CUS10 neutral conductor | 12 |

CUS101I

### Modulostar™ compact fuse holders for 10.3x38.1 fuse-links, with standard indicator

| Catalog number | Item number | Number of poles/ phases | Design | Voltage limit for blown fuse indicator | Package |
|---|---|---|---|---|---|
| CUS101I | J1062723 | 1 | CUS10 single pole | - | 12 |
| CUS101NI | E1062719 | 1+N | CUS10 single pole + neutral conductor | - | 6 |
| CUS102I | F1062720 | 2 | CUS10 double pole | - | 6 |
| CUS103I | B1062716 | 3 | CUS10 triple pole | - | 4 |
| CUS103NI | Y1062713 | 3+N | CUS10 triple pole + neutral conductor | - | 3 |
| CUS104I | Z1062714 | 4 | CUS10 quadruple pole | - | 3 |
| - | on demand | - | Version with special indicator | Standard: 220V-700V AC/DC<br>Very low: 20V-50V AC/DC<br>Low: 50V-250V AC/DC<br>1000V: 220 - 1000V AC/DC | - |

ACCESSORIES

CMS810PAK

### Kit for multi phase connection

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| CMS810PAK | Z233725 | Links for connection of multipole units | 12 | 0.5 g |

LOCK

### Locking devices

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |



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# Modulostar® CUS10

## Modular fuse-holders

ACCESSORIES

CMS810BB1F13

CMS810BB2F6

### Wiring bars / Insulated bus bars

| Catalog number | Item number | Application | Features | Package | Weight |
|---|---|---|---|---|---|
| CMS810BB1F13 | T210306 | Max. rms current 63A, for installation of 13 modules | single pole, 10 mm², partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 33.5 g |
| CMS810BB2F6 | V210307 | Max. rms current 63A, for installation of 6 modules | double pole, 10 mm², partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 80 g |
| CMS810BB3F4 | W210308 | Max. rms current 100A, for installation of 4 modules | triple pole, 10 mm² partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 84 g |
| CMS810BB4F3 | X210309 | Max. rms current 100A, for installation of 3 modules | quadruple pole, 10 mm², partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 0.12 kg |

# UltraSafe™ US14

## Modular fuse-holders

PRODUCT RANGE

US143

### UltraSafe™ fuse holders for 14x51 fuse links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US141 | Z331153 | 1 | US14 single pole | 6 | 0.14 kg |
| US141N | D331157 | 1 + N | US14 single pole + neutral conductor | 3 | 0.30 kg |
| US142 | G331137 | 2 | US14 double pole | 3 | 0.28 kg |
| US143 | N331143 | 3 | US14 triple pole | 2 | 0.43 kg |
| US143N | X331151 | 3 + N | US14 triple pole + neutral conductor | 1 | 0.6 kg |

US141I

### UltraSafe™ fuse holders for 14x51 fuse links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US141I | A331154 | 1 | US14 single pole | 6 | 0.14 kg |
| US142I | H331138 | 2 | US14 double pole | 3 | 0.3 kg |
| US143I | P331144 | 3 | US14 triple pole | 2 | 0.44 kg |

### UltraSafe™ fuse holders for 14x51 fuse-links, with auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US142M | J331139 | 2 | US14 double pole, 2 microswitches | 3 | 0.31 kg |

US143MI

### UltraSafe™ fuse holders for 14x51 fuse-links, with indicator and auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US141MI | C331156 | 1 | US14 single pole | 6 | 0.15 kg |
| US142MI | K331140 | 2 | US14 double pole | 3 | 0.31 kg |
| US142M2I | M331142 | 2 | US14 double pole | 3 | 0.28 kg |
| US143MI | S331147 | 3 | US14 triple pole | 2 | 0.46 kg |
| US143M2I | W331150 | 3 | US14 triple pole | 2 | 0.46 kg |

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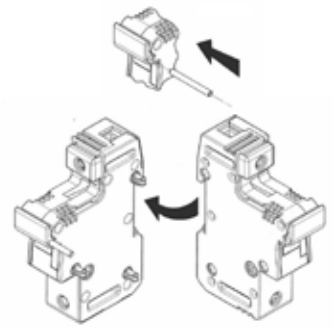
# UltraSafe™ US14
## Modular fuse-holders

ACCESSORIES



Multiphase connection kit

### Kit for multi phase connection

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| US14PAK | US14PAK | links for connection of multipole units | 10 | 2.5 g |

### Indication facilities

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| CMS1422LHI | A225653 | Indicator light kit | 1 | 10 g |

### Auxiliary Switches

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| USMSW1 | Y227928 | Auxiliary contact kit 1 pole US14 | 1 | 25 g |
| USMSW2 | Z227929 | Auxiliary contact kit 3 poles US14 | 1 | 20 g |
| USMSW3 | A227930 | 2 Auxiliary contact kit 3 poles US14 | 1 | 27 g |

LOCK

### Locking devices

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |

TBB1A

TBB1C

TBB23A

TBB23C

### Power supply

| Catalog number | Item number | Application | Features | Package | Weight |
|---|---|---|---|---|---|
| TBB1A | D210315 | Max. rms current 90A | 1 phase<br>axial incoming power supply | 50 | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 1 phase<br>lateral incoming power supply | 50 | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 2 & 3 phases<br>axial incoming power supply | 50 | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 2 & 3 phases<br>lateral incoming power supply | 50 | 23.1 g |

### Wiring bars / Insulated bus bars

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| CMS14BB3F4 | A210312 | triple pole | Max. rms current 100A,<br>for installation of 4 modules | 5 | 0.12 kg |
| CMS14BB2F6 | Z210311 | double pole | Max. rms current 63A,<br>for installation of 6 modules | 5 | 0.1 kg |
| CMS14BB1F12 | Y210310 | single pole | Max. rms current 63A,<br>for installation of 12 modules | 5 | 47.4 g |



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# UltraSafe™ US22

PRODUCT RANGE

## Modular fuse-holders

US221

### UltraSafe™ fuse holders for 22x58 fuse links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US223 | R331169 | 3 | triple pole | 2 | 0.64 kg |
| US223N | X331174 | 3 + N | triple pole + neutral conductor | 1 | 0.91 kg |
| US221 | E331158 | 1 | single pole | 6 | 0.21 kg |
| US222 | K331163 | 2 | double pole | 3 | 0.44 kg |
| US221N | H331161 | 1 + N | single pole + neutral conductor | 3 | 0.45 kg |

US223I

### UltraSafe™ fuse holders for 22x58 fuse links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US221I | F331159 | 1 | single pole | 6 | 0.22 kg |
| US222I | L331164 | 2 | double pole | 3 | 0.33 kg |
| US223I | S331170 | 3 | triple pole | 2 | 0.44 kg |

US222M

### UltraSafe™ fuse holders for 22x58 fuse links, with auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US221M | G331160 | 1 | single pole | 6 | 0.15 kg |
| US221NM | J331162 | 1 + N | single pole + neutral conductor | 3 | 0.47 kg |
| US222M | M331165 | 2 | double pole | 3 | 0.46 kg |
| US222M2 | P331167 | 2 | double pole | 3 | 0.46 kg |
| US223M | T331171 | 3 | triple pole | 2 | 0.67 kg |
| US223M2 | W331173 | 3 | triple pole | 2 | 0.67 kg |

US222MI

### UltraSafe™ fuse holders for 22x58 fuse links, with indicator and auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US221MI | Z1006203 | 1 | single pole | 6 | 0.22 kg |
| US222MI | N331166 | 2 | double pole | 3 | 0.46 kg |
| US223M2I | X1011974 | 3 | triple pole | 2 | 0.65 kg |
| US222M2I | Q331168 | 2 | double pole | 3 | 0.47 kg |
| US223MI | V331172 | 3 | triple pole | 2 | 0.68 kg |

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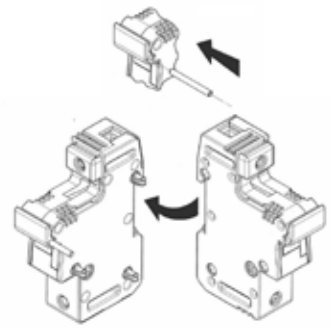
# UltraSafe™ US22
## Modular fuse-holders

ACCESSORIES



multiphase connection kit

### Kit for multi phase connection

| Catalog number | Item number | Design | Package |
|---|---|---|---|
| US22PAK | US22PAK | links for connection of multipole units | 10 |

### Indication facilities

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| CMS1422LHI | A225653 | Indicator light kit | 1 | 10 g |

### Auxiliary Switches

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| CMS22W2 | B331201 | Auxiliary microswitch kit 3 poles CMS22 | 1 | 32 g |
| CMS22W3 | N331189 | 2 Auxiliary microswitches kit 3 poles CMS22 | 1 | 35 g |
| USMSW4 | G227959 | Auxiliary contact kit 1 pole US22 | 1 | 20 g |

LOCK

### Locking devices

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |

TBB1A

TBB1C

TBB23A

TBB23C

### Power supply

| Catalog number | Item number | Application | Features | Package | Weight |
|---|---|---|---|---|---|
| TBB1A | D210315 | Max. rms current 90A | 1 phase<br>axial incoming power supply | 50 | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 1 phase<br>lateral incoming power supply | 50 | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 2 & 3 phases<br>axial incoming power supply | 50 | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 2 & 3 phases<br>lateral incoming power supply | 50 | 23.1 g |

### Wiring bars / Insulated bus bars

| Catalog number | Item number | Design | Application | Package | Weight |
|---|---|---|---|---|---|
| CMS22BB2F6 | C210314 | double pole | Max. rms current 150A,<br>for installation of 6 modules | 5 | 0.30 kg |
| CMS22BB1F12 | B210313 | single pole | Max. rms current 90A,<br>for installation of 12 modules | 5 | 81 g |



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# Modulostar® CMS27 - Ultrasafe™ US27

PRODUCT RANGE

## Modular fuse-holders

CMS271

### Modulostar® fuse holders for 27x60 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CMS271 | R210580 | 1 | single pole | 3 | 0.30 kg |
| CMS271N | S210581 | 1 + N | single pole + neutral conductor | 1 | 0.72 kg |
| CMS272 | T210582 | 2 | double pole | 1 | 0.67 kg |
| CMS273 | V210583 | 3 | triple pole | 1 | 0.91 kg |
| CMS273N | W210584 | 3 + N | triple pole + neutral conductor | 1 | 1.25 kg |
| CMS27N | B210152 | N | neutral conductor | 3 | 0.37 kg |

US271I

### UltraSafe™ fuse holders for 27x60 fuse-links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271I | J226420 | 1 | single pole | 3 | 0.30 kg |
| US271NI | K226421 | 1+N | single pole + neutral conductor | 1 | 0.73 kg |
| US272I | L226422 | 2 | double pole | 1 | 0.67 kg |
| US273I | M226423 | 3 | triple pole | 3 | 1 kg |
| US273NI | N226424 | 3+N | triple pole + neutral conductor | 1 | 1.27 kg |

US273

### UltraSafe™ fuse holders for 27x60 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271 | G320005 | 1 | single pole | 3 | 0.30 kg |
| US272 | H320006 | 2 | double pole | 1 | 0.66 kg |
| US273 | J320007 | 3 | triple pole | 3 | 0.9 kg |
| US27N | R232729 | N | neutral conductor | 3 | 0.37 kg |

US271MI

### UltraSafe™ fuse holders for 27x60 fuse-links, with auxiliary microswitch and indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271MI | R227600 | 1 | single pole | 1 | 0.32 kg |
| US272M2I | T227602 | 2 | double pole, 2 microswitches | 1 | 0.7 kg |
| US272MI | S227601 | 2 | double pole, 1 microswitch | 1 | 0.68 kg |

### UltraSafe™ fuse holders for 27x60 fuse-links, with auxiliary microswitch, indicator and ring lug connection

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271MIRING | Z227607 | 1 | single pole | 1 | 0.54 kg |
| US272M2IRING | B227609 | 2 | double pole, 2 microswitches | 1 | 1.00 kg |

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# Modulostar® CMS27 - Ultrasafe™ US27

PRODUCT RANGE

## Modular fuse-holders

### UltraSafe™ fuse holders for 27x60 fuse-links, with indicator and ring lug connection

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| US271NIRING | E223518 | 1+N | single pole + neutral conductor | 1 | 0.8 kg |
| US27IRING | B223515 | 1 | single pole | 3 | 0.47 kg |
| US272IRING | C223516 | 2 | double pole | 1 | 1.00 kg |
| US273IRING | D223517 | 3 | triple pole | 3 | 1.39 kg |
| US27NIRING | F223519 | N | neutral conductor | 3 | 0.34 kg |

ACCESSORIES

### Kit for multi phase connection

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| US27PAK | H227615 | links for connection of multipole units | 10 | 3 g |

### Auxiliary Switches

| Catalog number | Item number | Design | Package | Weight |
|---|---|---|---|---|
| US27W1 | E227612 | Microswitch kit | 1 | 20 g |



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# Modulostar® CUSCC

PRODUCT RANGE

CUSCC1

## Modulostar™ CUSCC without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|---|---|---|---|---|---|
| CUSCC1 | N1062796 | 1 | CUSCC single pole | 12 | 70 g |
| CUSCC1N | J1062792 | 1 + N | CUSCC single pole + neutral conductor | 6 | 0.13 kg |
| CUSCC2 | K1062793 | 2 | CUSCC double pole | 6 | 0.12 kg |
| CUSCC3 | G1062790 | 3 | CUSCC triple pole | 4 | 0.2 kg |
| CUSCC3N | C1062786 | 3 + N | CUSCC triple pole + neutral conductor | 3 | 0.25 kg |
| CUSCC4 | D1062787 | 4 | CUSCC quadruple pole | 3 | 0.24 kg |

CUSCC1I

## Modulostar™ CUSCC with standard indicator

| Catalog number | Item number | Number of poles/phases | Design | Voltage limit for blown fuse indicator | Package | Weight |
|---|---|---|---|---|---|---|
| CUSCC1I | P1062797 | 1 | CUSCC single pole | - | 12 | 70 g |
| CUSCC1NI | L1062794 | 1 + N | CUSCC single pole + neutral conductor | - | 6 | 0.13 kg |
| CUSCC2I | M1062795 | 2 | CUSCC double pole | - | 6 | 0.13 kg |
| CUSCC3I | H1062791 | 3 | CUSCC triple pole | - | 4 | 0.2 kg |
| CUSCC3NI | E1062788 | 3 + N | CUSCC triple pole + neutral conductor | - | 3 | 0.25 kg |
| CUSCC4I | F1062789 | 4 | CUSCC quadruple pole | - | 3 | 0.24 kg |
| - | on demand | - | Version with special indicator | Standard: 220V-700V AC/DC<br>Very low: 20V-50V AC/DC<br>Low: 50V-250V AC/DC | - | - |

ACCESSORIES

CMS810PAK

## Kit for multi phase connection

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| CMS810PAK | Z233725 | Links for connection of multipole units | 12 | 0.5 g |

LOCK

## Locking devices

| Catalog number | Item number | Features | Package | Weight |
|---|---|---|---|---|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |

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# Protistor® size 30 aR

PRODUCT RANGE

## 600 - 690VAC (IEC) / 700VAC (UL)

PC30UD69V100TF

### Size 30 type TTF M8 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC30UD69V50TF | S300373 | 690 V | 700 V | 50 A | 0.116 kA²s | 0.68 kA²s | 200 kA | 9 W | 3 | 0.25 kg |
| PC30UD69V63TF | M300000 | 690 V | 700 V | 63 A | 0.2 kA²s | 1.2 kA²s | 200 kA | 14 W | 3 | 0.25 kg |
| PC30UD69V80TF | S300051 | 690 V | 700 V | 80 A | 0.33 kA²s | 1.9 kA²s | 200 kA | 19 W | 3 | 0.25 kg |
| PC30UD69V100TF | T300052 | 690 V | 700 V | 100 A | 0.47 kA²s | 2.7 kA²s | 200 kA | 26 W | 3 | 0.25 kg |
| PC30UD69V125TF | V300053 | 690 V | 700 V | 125 A | 0.85 kA²s | 4.9 kA²s | 200 kA | 30 W | 3 | 0.25 kg |
| PC30UD69V160TF | W300054 | 690 V | 700 V | 160 A | 1.6 kA²s | 9.2 kA²s | 200 kA | 37 W | 3 | 0.25 kg |
| PC30UD69V200TF | X300055 | 690 V | 700 V | 200 A | 3 kA²s | 16.7 kA²s | 200 kA | 42 W | 3 | 0.25 kg |
| PC30UD69V250TF | Y300056 | 690 V | 700 V | 250 A | 5.8 kA²s | 32.4 kA²s | 200 kA | 48 W | 3 | 0.25 kg |
| PC30UD69V315TF | Z300057 | 690 V | 700 V | 315 A | 12 kA²s | 67 kA²s | 200 kA | 53 W | 3 | 0.25 kg |
| PC30UD69V350TF | A300058 | 690 V | 700 V | 350 A | 15.5 kA²s | 86 kA²s | 200 kA | 57 W | 3 | 0.25 kg |
| PC30UD69V400TF | B300059 | 690 V | 700 V | 400 A | 23 kA²s | 130 kA²s | 200 kA | 60 W | 3 | 0.25 kg |
| PC30UD69V450TF | V300398 | 690 V | 700 V | 450 A | 26 kA²s | 165 kA²s | 200 kA | 80 W | 3 | 0.25 kg |
| PC30UD69V500TF | W300399 | 690 V | 700 V | 500 A | 41 kA²s | 264 kA²s | 200 kA | 80 W | 3 | 0.25 kg |
| PC30UD69V550TF | X300400 | 690 V | 700 V | 550 A | 52 kA²s | 330 kA²s | 200 kA | 80 W | 3 | 0.25 kg |
| PC30UD60V630TF | L301770 | 600 V | 650 V | 630 A | 84 kA²s | 450 kA²s | 200 kA | 85 W | 3 | 0.25 kg |

A070UD30TTI550

### Size 30 type TTI 5/16 in - 18 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A070UD30TTI50 | V302744 | 690 V | 700 V | 50 A | 0.116 kA²s | 0.68 kA²s | 200 kA | 9 W | 3 | 0.26 kg |
| A070UD30TTI63 | A301967 | 690 V | 700 V | 63 A | 0.2 kA²s | 1.2 kA²s | 200 kA | 14 W | 3 | 0.26 kg |
| A070UD30TTI80 | V301962 | 690 V | 700 V | 80 A | 0.33 kA²s | 1.9 kA²s | 200 kA | 19 W | 3 | 0.26 kg |
| A070UD30TTI100 | W300744 | 690 V | 700 V | 100 A | 0.47 kA²s | 2.7 kA²s | 200 kA | 26 W | 3 | 0.26 kg |
| A070UD30TTI125 | G300708 | 690 V | 700 V | 125 A | 0.85 kA²s | 4.9 kA²s | 200 kA | 30 W | 3 | 0.26 kg |
| A070UD30TTI160 | N300576 | 690 V | 700 V | 160 A | 1.6 kA²s | 9.2 kA²s | 200 kA | 37 W | 3 | 0.26 kg |
| A070UD30TTI200 | P300577 | 690 V | 700 V | 200 A | 3 kA²s | 16.7 kA²s | 200 kA | 42 W | 3 | 0.26 kg |
| A070UD30TTI250 | Q300578 | 690 V | 700 V | 250 A | 5.8 kA²s | 32.4 kA²s | 200 kA | 48 W | 3 | 0.26 kg |
| A070UD30TTI315 | R300579 | 690 V | 700 V | 315 A | 12 kA²s | 67 kA²s | 200 kA | 53 W | 3 | 0.26 kg |
| A070UD30TTI350 | S300580 | 690 V | 700 V | 350 A | 15.5 kA²s | 86 kA²s | 200 kA | 57 W | 3 | 0.26 kg |
| A070UD30TTI400 | T300581 | 690 V | 700 V | 400 A | 23 kA²s | 130 kA²s | 200 kA | 60 W | 3 | 0.26 kg |
| A070UD30TTI450 | V300582 | 690 V | 700 V | 450 A | 26 kA²s | 165 kA²s | 200 kA | 80 W | 3 | 0.26 kg |
| A070UD30TTI500 | W300583 | 690 V | 700 V | 500 A | 41 kA²s | 264 kA²s | 200 kA | 80 W | 3 | 0.26 kg |
| A070UD30TTI550 | X300584 | 690 V | 700 V | 550 A | 52 kA²s | 330 kA²s | 200 kA | 80 W | 3 | 0.26 kg |
| A065UD30TTI630 | A302703 | 600 V | 650 V | 630 A | 84 kA²s | 450 kA²s | 200 kA | 85 W | 3 | 0.26 kg |

PC30UD69V160A

### Size 30 type DIN80 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC30UD69V50A | F301926 | 690 V | 700 V | 50 A | 0.116 kA²s | 0.68 kA²s | 200 kA | 9 W | 3 | 0.27 kg |
| PC30UD69V63A | E300108 | 690 V | 700 V | 63 A | 0.2 kA²s | 1.2 kA²s | 200 kA | 14 W | 3 | 0.27 kg |
| PC30UD69V80A | F300109 | 690 V | 700 V | 80 A | 0.33 kA²s | 1.9 kA²s | 200 kA | 19 W | 3 | 0.27 kg |
| PC30UD69V100A | G300110 | 690 V | 700 V | 100 A | 0.47 kA²s | 2.7 kA²s | 200 kA | 26 W | 3 | 0.27 kg |
| PC30UD69V125A | H300111 | 690 V | 700 V | 125 A | 0.85 kA²s | 4.9 kA²s | 200 kA | 30 W | 3 | 0.27 kg |
| PC30UD69V160A | J300112 | 690 V | 700 V | 160 A | 1.6 kA²s | 9.2 kA²s | 200 kA | 37 W | 3 | 0.27 kg |
| PC30UD69V200A | K300113 | 690 V | 700 V | 200 A | 3 kA²s | 16.7 kA²s | 200 kA | 43 W | 3 | 0.27 kg |
| PC30UD69V250A | L300114 | 690 V | 700 V | 250 A | 5.8 kA²s | 32.4 kA²s | 200 kA | 50 W | 3 | 0.27 kg |
| PC30UD69V315A | M300115 | 690 V | 700 V | 315 A | 12 kA²s | 67 kA²s | 200 kA | 55 W | 3 | 0.27 kg |
| PC30UD69V350A | N300116 | 690 V | 700 V | 350 A | 15.5 kA²s | 86 kA²s | 200 kA | 60 W | 3 | 0.27 kg |
| PC30UD69V400A | P300117 | 690 V | 700 V | 400 A | 23 kA²s | 130 kA²s | 200 kA | 65 W | 3 | 0.27 kg |
| PC30UD69V450A | A300403 | 690 V | 700 V | 450 A | 26 kA²s | 165 kA²s | 200 kA | 88 W | 3 | 0.27 kg |
| PC30UD69V500A | B300404 | 690 V | 700 V | 500 A | 41 kA²s | 264 kA²s | 200 kA | 88 W | 3 | 0.27 kg |
| PC30UD69V550A | C300405 | 690 V | 700 V | 550 A | 52 kA²s | 330 kA²s | 200 kA | 90 W | 3 | 0.27 kg |

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# Protistor® size 30 aR

PRODUCT RANGE

## 600 - 690VAC (IEC) / 700VAC (UL)

PC30UD69V450D1A

### Size 30 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC30UD69V50D1A | G301191 | 690 V | 700 V | 50 A | 0.116 kA²s | 0.68 kA²s | 200 kA | 9 W | 3 | 0.30 kg |
| PC30UD69V63D1A | Q300118 | 690 V | 700 V | 63 A | 0.2 kA²s | 1.2 kA²s | 200 kA | 14 W | 3 | 0.30 kg |
| PC30UD69V80D1A | R300119 | 690 V | 700 V | 80 A | 0.33 kA²s | 1.9 kA²s | 200 kA | 19 W | 3 | 0.30 kg |
| PC30UD69V100D1A | S300120 | 690 V | 700 V | 100 A | 0.47 kA²s | 2.7 kA²s | 200 kA | 26 W | 3 | 0.30 kg |
| PC30UD69V125D1A | T300121 | 690 V | 700 V | 125 A | 0.85 kA²s | 4.9 kA²s | 200 kA | 30 W | 3 | 0.30 kg |
| PC30UD69V160D1A | V300122 | 690 V | 700 V | 160 A | 1.6 kA²s | 9.2 kA²s | 200 kA | 37 W | 3 | 0.30 kg |
| PC30UD69V200D1A | W300123 | 690 V | 700 V | 200 A | 3 kA²s | 16.7 kA²s | 200 kA | 43 W | 3 | 0.30 kg |
| PC30UD69V250D1A | X300124 | 690 V | 700 V | 250 A | 5.8 kA²s | 32.4 kA²s | 200 kA | 50 W | 3 | 0.30 kg |
| PC30UD69V315D1A | Y300125 | 690 V | 700 V | 315 A | 12 kA²s | 67 kA²s | 200 kA | 55 W | 3 | 0.30 kg |
| PC30UD69V350D1A | Z300126 | 690 V | 700 V | 350 A | 15.5 kA²s | 86 kA²s | 200 kA | 60 W | 3 | 0.30 kg |
| PC30UD69V400D1A | A300127 | 690 V | 700 V | 400 A | 23 kA²s | 130 kA²s | 200 kA | 65 W | 3 | 0.30 kg |
| PC30UD69V450D1A | S300695 | 690 V | 700 V | 450 A | 26 kA²s | 165 kA²s | 200 kA | 88 W | 3 | 0.30 kg |
| PC30UD69V500D1A | Y301091 | 690 V | 700 V | 500 A | 41 kA²s | 264 kA²s | 200 kA | 88 W | 3 | 0.30 kg |
| PC30UD69V550D1A | Z301092 | 690 V | 700 V | 550 A | 52 kA²s | 330 kA²s | 200 kA | 90 W | 3 | 0.30 kg |

A070UD30KI450

### Size 30 type KI short slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A070UD30KI50 | E301925 | 690 V | 700 V | 50 A | 0.116 kA²s | 0.68 kA²s | 200 kA | 9 W | 3 | 0.29 kg |
| A070UD30KI63 | B300128 | 690 V | 700 V | 63 A | 0.2 kA²s | 1.2 kA²s | 200 kA | 14 W | 3 | 0.29 kg |
| A070UD30KI80 | C300129 | 690 V | 700 V | 80 A | 0.33 kA²s | 1.9 kA²s | 200 kA | 19 W | 3 | 0.29 kg |
| A070UD30KI100 | D300130 | 690 V | 700 V | 100 A | 0.47 kA²s | 2.7 kA²s | 200 kA | 26 W | 3 | 0.29 kg |
| A070UD30KI125 | E300131 | 690 V | 700 V | 125 A | 0.85 kA²s | 4.9 kA²s | 200 kA | 30 W | 3 | 0.29 kg |
| A070UD30KI160 | F300132 | 690 V | 700 V | 160 A | 1.6 kA²s | 9.2 kA²s | 200 kA | 37 W | 3 | 0.29 kg |
| A070UD30KI200 | G300133 | 690 V | 700 V | 200 A | 3 kA²s | 16.7 kA²s | 200 kA | 43 W | 3 | 0.29 kg |
| A070UD30KI250 | H300134 | 690 V | 700 V | 250 A | 5.8 kA²s | 32.4 kA²s | 200 kA | 50 W | 3 | 0.29 kg |
| A070UD30KI315 | J300135 | 690 V | 700 V | 315 A | 12 kA²s | 67 kA²s | 200 kA | 55 W | 3 | 0.29 kg |
| A070UD30KI350 | K300136 | 690 V | 700 V | 350 A | 15.5 kA²s | 86 kA²s | 200 kA | 60 W | 3 | 0.29 kg |
| A070UD30KI400 | L300137 | 690 V | 700 V | 400 A | 23 kA²s | 130 kA²s | 200 kA | 65 W | 3 | 0.29 kg |
| A070UD30KI450 | T301064 | 690 V | 700 V | 450 A | 26 kA²s | 165 kA²s | 200 kA | 88 W | 3 | 0.29 kg |
| A070UD30KI500 | V301065 | 690 V | 700 V | 500 A | 41 kA²s | 264 kA²s | 200 kA | 88 W | 3 | 0.29 kg |
| A070UD30KI550 | W301066 | 690 V | 700 V | 550 A | 52 kA²s | 330 kA²s | 200 kA | 90 W | 3 | 0.29 kg |

A070UD30LI450

### Size 30 type LI long slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A070UD30LI50 | A301921 | 690 V | 700 V | 50 A | 0.116 kA²s | 0.68 kA²s | 200 kA | 9 W | 3 | 0.32 kg |
| A070UD30LI63 | M300138 | 690 V | 700 V | 63 A | 0.2 kA²s | 1.2 kA²s | 200 kA | 14 W | 3 | 0.32 kg |
| A070UD30LI80 | N300139 | 690 V | 700 V | 80 A | 0.33 kA²s | 1.9 kA²s | 200 kA | 19 W | 3 | 0.32 kg |
| A070UD30LI100 | P300140 | 690 V | 700 V | 100 A | 0.47 kA²s | 2.7 kA²s | 200 kA | 26 W | 3 | 0.32 kg |
| A070UD30LI125 | Q300141 | 690 V | 700 V | 125 A | 0.85 kA²s | 4.9 kA²s | 200 kA | 30 W | 3 | 0.32 kg |
| A070UD30LI160 | R300142 | 690 V | 700 V | 160 A | 1.6 kA²s | 9.2 kA²s | 200 kA | 37 W | 3 | 0.32 kg |
| A070UD30LI200 | S300143 | 690 V | 700 V | 200 A | 3 kA²s | 16.7 kA²s | 200 kA | 43 W | 3 | 0.32 kg |
| A070UD30LI250 | T300144 | 690 V | 700 V | 250 A | 5.8 kA²s | 32.4 kA²s | 200 kA | 50 W | 3 | 0.32 kg |
| A070UD30LI315 | V300145 | 690 V | 700 V | 315 A | 12 kA²s | 67 kA²s | 200 kA | 55 W | 3 | 0.32 kg |
| A070UD30LI350 | W300146 | 690 V | 700 V | 350 A | 15.5 kA²s | 86 kA²s | 200 kA | 60 W | 3 | 0.32 kg |
| A070UD30LI400 | X300147 | 690 V | 700 V | 400 A | 23 kA²s | 130 kA²s | 200 kA | 65 W | 3 | 0.32 kg |
| A070UD30LI450 | K300527 | 690 V | 700 V | 450 A | 26 kA²s | 165 kA²s | 200 kA | 88 W | 3 | 0.32 kg |
| A070UD30LI500 | L300528 | 690 V | 700 V | 500 A | 41 kA²s | 264 kA²s | 200 kA | 88 W | 3 | 0.32 kg |
| A070UD30LI550 | M300529 | 690 V | 700 V | 550 A | 52 kA²s | 330 kA²s | 200 kA | 90 W | 3 | 0.32 kg |

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# Protistor® size 30 aR

PRODUCT RANGE

## 600 - 690VAC (IEC) / 700VAC (UL)

PC30UD69V63EF

### Size 30 type EF blades for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC30UD69V50EF | R300372 | 690 V | 700 V | 50 A | 0.116 kA²s | 0.68 kA²s | 200 kA | 9 W | 3 | 0.27 kg |
| PC30UD69V63EF | H300088 | 690 V | 700 V | 63 A | 0.2 kA²s | 1.2 kA²s | 200 kA | 14 W | 3 | 0.27 kg |
| PC30UD69V80EF | J300089 | 690 V | 700 V | 80 A | 0.33 kA²s | 1.9 kA²s | 200 kA | 19 W | 3 | 0.27 kg |
| PC30UD69V100EF | K300090 | 690 V | 700 V | 100 A | 0.47 kA²s | 2.7 kA²s | 200 kA | 26 W | 3 | 0.27 kg |
| PC30UD69V125EF | L300091 | 690 V | 700 V | 125 A | 0.85 kA²s | 4.9 kA²s | 200 kA | 30 W | 3 | 0.27 kg |
| PC30UD69V160EF | M300092 | 690 V | 700 V | 160 A | 1.6 kA²s | 9.2 kA²s | 200 kA | 37 W | 3 | 0.27 kg |
| PC30UD69V200EF | N300093 | 690 V | 700 V | 200 A | 3 kA²s | 16.7 kA²s | 200 kA | 43 W | 3 | 0.27 kg |
| PC30UD69V250EF | P300094 | 690 V | 700 V | 250 A | 5.8 kA²s | 32.4 kA²s | 200 kA | 50 W | 3 | 0.27 kg |
| PC30UD69V315EF | Q300095 | 690 V | 700 V | 315 A | 12 kA²s | 67 kA²s | 200 kA | 55 W | 3 | 0.27 kg |
| PC30UD69V350EF | R300096 | 690 V | 700 V | 350 A | 15.5 kA²s | 86 kA²s | 200 kA | 60 W | 3 | 0.27 kg |
| PC30UD69V400EF | S300097 | 690 V | 700 V | 400 A | 23 kA²s | 130 kA²s | 200 kA | 65 W | 3 | 0.27 kg |

# Protistor® size 31 aR

PRODUCT RANGE

## 690VAC (IEC) / 700VAC (UL)

PC31UD69V800TF

### Size 31 type TTF M8 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC31UD69V160TF | M300299 | 690 V | 700 V | 160 A | 1300 A²s | 7700 A²s | 200 kA | 35 W | 3 | 0.38 kg |
| PC31UD69V200TF | N300001 | 690 V | 700 V | 200 A | 2600 A²s | 15000 A²s | 200 kA | 45 W | 3 | 0.38 kg |
| PC31UD69V250TF | P300002 | 690 V | 700 V | 250 A | 4700 A²s | 28000 A²s | 200 kA | 52 W | 3 | 0.38 kg |
| PC31UD69V315TF | Q300003 | 690 V | 700 V | 315 A | 7500 A²s | 44000 A²s | 200 kA | 65 W | 3 | 0.38 kg |
| PC31UD69V350TF | M300046 | 690 V | 700 V | 350 A | 10300 A²s | 61000 A²s | 200 kA | 67 W | 3 | 0.38 kg |
| PC31UD69V400TF | R300004 | 690 V | 700 V | 400 A | 19000 A²s | 110000 A²s | 200 kA | 68 W | 3 | 0.38 kg |
| PC31UD69V450TF | S300005 | 690 V | 700 V | 450 A | 26500 A²s | 155000 A²s | 200 kA | 70 W | 3 | 0.38 kg |
| PC31UD69V500TF | T300006 | 690 V | 700 V | 500 A | 37000 A²s | 215000 A²s | 200 kA | 70 W | 3 | 0.38 kg |
| PC31UD69V550TF | V300007 | 690 V | 700 V | 550 A | 52000 A²s | 310000 A²s | 200 kA | 70 W | 3 | 0.38 kg |
| PC31UD69V630TF | W300008 | 690 V | 700 V | 630 A | 75000 A²s | 430000 A²s | 200 kA | 75 W | 3 | 0.38 kg |
| PC31UD69V700TF | X300009 | 690 V | 700 V | 700 A | 95000 A²s | 540000 A²s | 200 kA | 85 W | 3 | 0.38 kg |
| PC31UD69V800TF | Y300401 | 690 V | 700 V | 800 A | 140000 A²s | 880000 A²s | 200 kA | 105 W | 3 | 0.38 kg |

A070UD31TTI800

### Size 31 type TTI 5/16 in - 18 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A070UD31TTI200 | A300472 | 690 V | 700 | 200 A | 2600 A²s | 15000 A²s | 200 kA | 45 W | 3 | 0.39 kg |
| A070UD31TTI250 | B300473 | 690 V | 700 | 250 A | 4700 A²s | 28000 A²s | 200 kA | 52 W | 3 | 0.39 kg |
| A070UD31TTI315 | C300474 | 690 V | 700 | 315 A | 7500 A²s | 44000 A²s | 200 kA | 65 W | 3 | 0.39 kg |
| A070UD31TTI350 | D300475 | 690 V | 700 | 350 A | 10300 A²s | 61000 A²s | 200 kA | 67 W | 3 | 0.39 kg |
| A070UD31TTI400 | E300476 | 690 V | 700 | 400 A | 19000 A²s | 110000 A²s | 200 kA | 68 W | 3 | 0.39 kg |
| A070UD31TTI450 | F300477 | 690 V | 700 | 450 A | 26500 A²s | 155000 A²s | 200 kA | 70 W | 3 | 0.39 kg |
| A070UD31TTI500 | G300478 | 690 V | 700 | 500 A | 37000 A²s | 215000 A²s | 200 kA | 70 W | 3 | 0.39 kg |
| A070UD31TTI550 | H300479 | 690 V | 700 | 550 A | 52000 A²s | 310000 A²s | 200 kA | 70 W | 3 | 0.39 kg |
| A070UD31TTI630 | J300480 | 690 V | 700 | 630 A | 75000 A²s | 430000 A²s | 200 kA | 75 W | 3 | 0.39 kg |
| A070UD31TTI700 | K300481 | 690 V | 700 | 700 A | 95000 A²s | 540000 A²s | 200 kA | 85 W | 3 | 0.39 kg |
| A070UD31TTI800 | L300482 | 690 V | 700 | 800 A | 140000 A²s | 880000 A²s | 200 kA | 105 W | 3 | 0.39 kg |



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# Protistor® size 31 aR

## 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE

PC31UD69V800A

### Size 31 type DIN80 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC31UD69V160A | M300322 | 690 V | 700 V | 160 A | 1300 A²s | 7700 A²s | 200 kA | 35 W | 3 | 0.39 kg |
| PC31UD69V200A | Y300010 | 690 V | 700 V | 200 A | 2600 A²s | 15000 A²s | 200 kA | 45 W | 3 | 0.39 kg |
| PC31UD69V250A | Z300011 | 690 V | 700 V | 250 A | 4700 A²s | 28000 A²s | 200 kA | 52 W | 3 | 0.39 kg |
| PC31UD69V315A | A300012 | 690 V | 700 V | 315 A | 7500 A²s | 44000 A²s | 200 kA | 65 W | 3 | 0.39 kg |
| PC31UD69V350A | Q300049 | 690 V | 700 V | 350 A | 10300 A²s | 61000 A²s | 200 kA | 67 W | 3 | 0.39 kg |
| PC31UD69V400A | B300013 | 690 V | 700 V | 400 A | 19000 A²s | 110000 A²s | 200 kA | 68 W | 3 | 0.39 kg |
| PC31UD69V450A | C300014 | 690 V | 700 V | 450 A | 26500 A²s | 155000 A²s | 200 kA | 70 W | 3 | 0.39 kg |
| PC31UD69V500A | D300015 | 690 V | 700 V | 500 A | 37000 A²s | 215000 A²s | 200 kA | 72 W | 3 | 0.39 kg |
| PC31UD69V550A | E300016 | 690 V | 700 V | 550 A | 52000 A²s | 310000 A²s | 200 kA | 75 W | 3 | 0.39 kg |
| PC31UD69V630A | F300017 | 690 V | 700 V | 630 A | 75000 A²s | 430000 A²s | 200 kA | 85 W | 3 | 0.39 kg |
| PC31UD69V700A | G300018 | 690 V | 700 V | 700 A | 95000 A²s | 540000 A²s | 200 kA | 95 W | 3 | 0.39 kg |
| PC31UD69V800A | D300406 | 690 V | 700 V | 800 A | 140000 A²s | 880000 A²s | 200 kA | 120 W | 3 | 0.39 kg |

PC31UD69V800D1A

### Size 31 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC31UD69V200D1A | H300019 | 690 V | 700 V | 200 A | 2600 A²s | 15000 A²s | 200 kA | 45 W | 3 | 0.41 kg |
| PC31UD69V250D1A | J300020 | 690 V | 700 V | 250 A | 4700 A²s | 28000 A²s | 200 kA | 52 W | 3 | 0.41 kg |
| PC31UD69V315D1A | K300021 | 690 V | 700 V | 315 A | 7500 A²s | 44000 A²s | 200 kA | 65 W | 3 | 0.41 kg |
| PC31UD69V350D1A | P300048 | 690 V | 700 V | 350 A | 10300 A²s | 61000 A²s | 200 kA | 67 W | 3 | 0.41 kg |
| PC31UD69V400D1A | L300022 | 690 V | 700 V | 400 A | 19000 A²s | 110000 A²s | 200 kA | 68 W | 3 | 0.41 kg |
| PC31UD69V450D1A | M300023 | 690 V | 700 V | 450 A | 26500 A²s | 155000 A²s | 200 kA | 70 W | 3 | 0.41 kg |
| PC31UD69V500D1A | N300024 | 690 V | 700 V | 500 A | 37000 A²s | 215000 A²s | 200 kA | 72 W | 3 | 0.41 kg |
| PC31UD69V550D1A | P300025 | 690 V | 700 V | 550 A | 52000 A²s | 310000 A²s | 200 kA | 75 W | 3 | 0.41 kg |
| PC31UD69V630D1A | Q300026 | 690 V | 700 V | 630 A | 75000 A²s | 430000 A²s | 200 kA | 85 W | 3 | 0.41 kg |
| PC31UD69V700D1A | R300027 | 690 V | 700 V | 700 A | 95000 A²s | 540000 A²s | 200 kA | 95 W | 3 | 0.41 kg |
| PC31UD69V800D1A | H300709 | 690 V | 700 V | 800 A | 140000 A²s | 880000 A²s | 200 kA | 120 W | 3 | 0.41 kg |

A070UD31KI250

### Size 31 type KI short slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A070UD31KI160 | F300385 | 690 V | 700 V | 160 A | 1300 A²s | 7700 A²s | 200 kA | 35 W | 3 | 0.40 kg |
| A070UD31KI200 | S300028 | 690 V | 700 V | 200 A | 2600 A²s | 15000 A²s | 200 kA | 45 W | 3 | 0.40 kg |
| A070UD31KI250 | T300029 | 690 V | 700 V | 250 A | 4700 A²s | 28000 A²s | 200 kA | 52 W | 3 | 0.40 kg |
| A070UD31KI315 | V300030 | 690 V | 700 V | 315 A | 7500 A²s | 44000 A²s | 200 kA | 65 W | 3 | 0.40 kg |
| A070UD31KI350 | R300050 | 690 V | 700 V | 350 A | 10300 A²s | 61000 A²s | 200 kA | 67 W | 3 | 0.40 kg |
| A070UD31KI400 | W300031 | 690 V | 700 V | 400 A | 19000 A²s | 110000 A²s | 200 kA | 68 W | 3 | 0.40 kg |
| A070UD31KI450 | X300032 | 690 V | 700 V | 450 A | 26500 A²s | 155000 A²s | 200 kA | 70 W | 3 | 0.40 kg |
| A070UD31KI500 | Y300033 | 690 V | 700 V | 500 A | 37000 A²s | 215000 A²s | 200 kA | 72 W | 3 | 0.40 kg |
| A070UD31KI550 | Z300034 | 690 V | 700 V | 550 A | 52000 A²s | 310000 A²s | 200 kA | 75 W | 3 | 0.40 kg |
| A070UD31KI630 | A300035 | 690 V | 700 V | 630 A | 75000 A²s | 430000 A²s | 200 kA | 85 W | 3 | 0.40 kg |
| A070UD31KI700 | B300036 | 690 V | 700 V | 700 A | 95000 A²s | 540000 A²s | 200 kA | 95 W | 3 | 0.40 kg |
| A070UD31KI800 | A301070 | 690 V | 700 V | 800 A | 140000 A²s | 880000 A²s | 200 kA | 120 W | 3 | 0.40 kg |

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# Protistor® size 31 aR

## 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE

A070UD31LI800

### Size 31 type LI long slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A070UD31LI200 | V300697 | 690 V | 700 V | 200 A | 2600 A²s | 15000 A²s | 200 kA | 45 W | 3 | 0.42 kg |
| A070UD31LI250 | W300698 | 690 V | 700 V | 250 A | 4700 A²s | 28000 A²s | 200 kA | 52 W | 3 | 0.42 kg |
| A070UD31LI315 | X300699 | 690 V | 700 V | 315 A | 7500 A²s | 44000 A²s | 200 kA | 65 W | 3 | 0.42 kg |
| A070UD31LI350 | Y300700 | 690 V | 700 V | 350 A | 10300 A²s | 61000 A²s | 200 kA | 67 W | 3 | 0.42 kg |
| A070UD31LI400 | Z300701 | 690 V | 700 V | 400 A | 19000 A²s | 110000 A²s | 200 kA | 68 W | 3 | 0.42 kg |
| A070UD31LI450 | A300702 | 690 V | 700 V | 450 A | 26500 A²s | 155000 A²s | 200 kA | 70 W | 3 | 0.42 kg |
| A070UD31LI500 | B300703 | 690 V | 700 V | 500 A | 37000 A²s | 215000 A²s | 200 kA | 72 W | 3 | 0.42 kg |
| A070UD31LI550 | C300704 | 690 V | 700 V | 550 A | 52000 A²s | 310000 A²s | 200 kA | 75 W | 3 | 0.42 kg |
| A070UD31LI630 | D300705 | 690 V | 700 V | 630 A | 75000 A²s | 430000 A²s | 200 kA | 85 W | 3 | 0.42 kg |
| A070UD31LI700 | E300706 | 690 V | 700 V | 700 A | 95000 A²s | 540000 A²s | 200 kA | 95 W | 3 | 0.42 kg |
| A070UD31LI800 | F300707 | 690 V | 700 V | 800 A | 140000 A²s | 880000 A²s | 200 kA | 120 W | 3 | 0.42 kg |

PC31UD69V700EF

### Size 31 for type EF blade bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC31UD69V160EF | B301922 | 690 V | 700 V | 160 A | 1300 A²s | 7700 A²s | 200 kA | 35 W | 3 | 0.40 kg |
| PC31UD69V200EF | C300037 | 690 V | 700 V | 200 A | 2600 A²s | 15000 A²s | 200 kA | 45 W | 3 | 0.40 kg |
| PC31UD69V250EF | D300038 | 690 V | 700 V | 250 A | 4700 A²s | 28000 A²s | 200 kA | 52 W | 3 | 0.40 kg |
| PC31UD69V315EF | E300039 | 690 V | 700 V | 315 A | 7500 A²s | 44000 A²s | 200 kA | 65 W | 3 | 0.40 kg |
| PC31UD69V350EF | N300047 | 690 V | 700 V | 350 A | 10300 A²s | 61000 A²s | 200 kA | 67 W | 3 | 0.40 kg |
| PC31UD69V400EF | F300040 | 690 V | 700 V | 400 A | 19000 A²s | 110000 A²s | 200 kA | 68 W | 3 | 0.40 kg |
| PC31UD69V450EF | G300041 | 690 V | 700 V | 450 A | 26500 A²s | 155000 A²s | 200 kA | 70 W | 3 | 0.40 kg |
| PC31UD69V500EF | H300042 | 690 V | 700 V | 500 A | 37000 A²s | 215000 A²s | 200 kA | 72 W | 3 | 0.40 kg |
| PC31UD69V550EF | J300043 | 690 V | 700 V | 550 A | 52000 A²s | 310000 A²s | 200 kA | 75 W | 3 | 0.40 kg |
| PC31UD69V630EF | K300044 | 690 V | 700 V | 630 A | 75000 A²s | 430000 A²s | 200 kA | 85 W | 3 | 0.40 kg |
| PC31UD69V700EF | L300045 | 690 V | 700 V | 700 A | 95000 A²s | 540000 A²s | 200 kA | 95 W | 3 | 0.40 kg |



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# Protistor® size 32 aR

PRODUCT RANGE

## 450 to 690VAC (IEC) / 700VAC (UL)

PC32UD69V800TF

### Size 32 type TTF M10 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | | |
| PC32UD69V315TF | M302162 | 690 V | 700 V | 315 A | 5.2 kA²s | 31.8 kA²s | 200 kA | 71 W | 3 | 0.55 kg |
| PC32UD69V350TF | N302163 | 690 V | 700 V | 350 A | 8.9 kA²s | 53.7 kA²s | 200 kA | 71 W | 3 | 0.55 kg |
| PC32UD69V400TF | H300065 | 690 V | 700 V | 400 A | 15 kA²s | 90 kA²s | 200 kA | 72 W | 3 | 0.55 kg |
| PC32UD69V450TF | J300066 | 690 V | 700 V | 450 A | 22 kA²s | 130 kA²s | 200 kA | 77 W | 3 | 0.55 kg |
| PC32UD69V500TF | K300067 | 690 V | 700 V | 500 A | 28 kA²s | 160 kA²s | 200 kA | 85 W | 3 | 0.55 kg |
| PC32UD69V550TF | L300068 | 690 V | 700 V | 550 A | 37 kA²s | 215 kA²s | 200 kA | 90 W | 3 | 0.55 kg |
| PC32UD69V630TF | M300069 | 690 V | 700 V | 630 A | 54 kA²s | 310 kA²s | 200 kA | 95 W | 3 | 0.55 kg |
| PC32UD69V700TF | N300070 | 690 V | 700 V | 700 A | 76 kA²s | 440 kA²s | 200 kA | 100 W | 3 | 0.55 kg |
| PC32UD69V800TF | P300071 | 690 V | 700 V | 800 A | 115 kA²s | 660 kA²s | 200 kA | 110 W | 3 | 0.55 kg |
| **Reinforced Terminal** | | | | | | | | | | |
| PC32UD69V900TF | Q300072 | 690 V | 700 V | 900 A | 165 kA²s | 990 kA²s | 200 kA | 110 W | 3 | 0.55 kg |
| PC32UD69V1000TF | S300074 | 690 V | 700 V | 1000 A | 230 kA²s | 1380 kA²s | 200 kA | 115 W | 3 | 0.55 kg |
| PC32UD60V1100TF | M300759 | 600 V | 650 V | 1100 A | 270 kA²s | 1450 kA²s | 200 kA | 140 W | 3 | 0.55 kg |
| PC32UD55V1250TF | P301060 | 550 V | 600 V | 1250 A | 410 kA²s | 1950 kA²s | 200 kA | 150 W | 3 | 0.55 kg |
| PC32UD50V1400TF | Q301061 | 500 V | 550 V | 1400 A | 555 kA²s | 2300 kA²s | 200 kA | 160 W | 3 | 0.55 kg |
| PC32UD50V1600TF | H300893 | 500 V | 550 V | 1600 A | 870 kA²s | 3600 kA²s | 200 kA | 165 W | 3 | 0.55 kg |
| PC32UD45V1800TF | R301062 | 450 V | 500 V | 1800 A | 1050 kA²s | 3700 kA²s | 200 kA | 195 W | 3 | 0.55 kg |

A070UD32TTI800

### Size 32 type TTI 3/8 in - 16 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | | |
| A070UD32TTI400 | Q300463 | 690 V | 700 V | 400 A | 15 kA²s | 90 kA²s | 200 kA | 72 W | 3 | 0.60 kg |
| A070UD32TTI450 | N300461 | 690 V | 700 V | 450 A | 22 kA²s | 130 kA²s | 200 kA | 77 W | 3 | 0.60 kg |
| A070UD32TTI500 | P300462 | 690 V | 700 V | 500 A | 28 kA²s | 160 kA²s | 200 kA | 85 W | 3 | 0.60 kg |
| A070UD32TTI550 | R300464 | 690 V | 700 V | 550 A | 37 kA²s | 215 kA²s | 200 kA | 90 W | 3 | 0.60 kg |
| A070UD32TTI630 | S300465 | 690 V | 700 V | 630 A | 54 kA²s | 310 kA²s | 200 kA | 95 W | 3 | 0.60 kg |
| A070UD32TTI700 | T300466 | 690 V | 700 V | 700 A | 76 kA²s | 440 kA²s | 200 kA | 100 W | 3 | 0.60 kg |
| A070UD32TTI800 | V300467 | 690 V | 700 V | 800 A | 115 kA²s | 660 kA²s | 200 kA | 110 W | 3 | 0.60 kg |
| **Reinforced Terminal** | | | | | | | | | | |
| A070UD32TTI900 | W300468 | 690 V | 700 V | 900 A | 165 kA²s | 990 kA²s | 200 kA | 110 W | 3 | 0.60 kg |
| A070UD32TTI1000 | X300469 | 690 V | 700 V | 1000 A | 230 kA²s | 1380 kA²s | 200 kA | 115 W | 3 | 0.60 kg |
| A065UD32TTI1100 | M301081 | 600 V | 650 V | 1100 A | 270 kA²s | 1450 kA²s | 200 kA | 140 W | 3 | 0.60 kg |
| A060UD32TTI1250 | N301082 | 550 V | 600 V | 1250 A | 410 kA²s | 1950 kA²s | 200 kA | 150 W | 3 | 0.60 kg |
| A055UD32TTI1400 | P301083 | 500 V | 550 V | 1400 A | 555 kA²s | 2300 kA²s | 200 kA | 160 W | 3 | 0.60 kg |
| A055UD32TTI1600 | Q301084 | 500 V | 550 V | 1600 A | 870 kA²s | 3600 kA²s | 200 kA | 165 W | 3 | 0.60 kg |
| A050UD32TTI1800 | R301085 | 450 V | 500 V | 1800 A | 1050 kA²s | 3700 kA²s | 200 kA | 195 W | 3 | 0.60 kg |

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# Protistor® size 32 aR

PRODUCT RANGE

## 450 to 690VAC (IEC) / 700VAC (UL)

PC32UD69V900A

### Size 32 type DIN80 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC32UD69V315A | H302158 | 690 V | 700 V | 315 A | 5.2 kA²s | 31.8 kA²s | 200 kA | 71 W | 3 | 0.53 kg |
| PC32UD69V350A | J302159 | 690 V | 700 V | 350 A | 8.9 kA²s | 53.7 kA²s | 200 kA | 74 W | 3 | 0.53 kg |
| PC32UD69V400A | E300177 | 690 V | 700 V | 400 A | 15 kA²s | 90 kA²s | 200 kA | 75 W | 3 | 0.53 kg |
| PC32UD69V450A | F300178 | 690 V | 700 V | 450 A | 22 kA²s | 130 kA²s | 200 kA | 80 W | 3 | 0.53 kg |
| PC32UD69V500A | G300179 | 690 V | 700 V | 500 A | 28 kA²s | 160 kA²s | 200 kA | 90 W | 3 | 0.53 kg |
| PC32UD69V550A | H300180 | 690 V | 700 V | 550 A | 37 kA²s | 215 kA²s | 200 kA | 95 W | 3 | 0.53 kg |
| PC32UD69V630A | J300181 | 690 V | 700 V | 630 A | 54 kA²s | 310 kA²s | 200 kA | 105 W | 3 | 0.53 kg |
| PC32UD69V700A | K300182 | 690 V | 700 V | 700 A | 76 kA²s | 440 kA²s | 200 kA | 110 W | 3 | 0.53 kg |
| PC32UD69V800A | L300183 | 690 V | 700 V | 800 A | 115 kA²s | 660 kA²s | 200 kA | 120 W | 3 | 0.53 kg |
| PC32UD69V900A | M300184 | 690 V | 700 V | 900 A | 170 kA²s | 990 kA²s | 200 kA | 125 W | 3 | 0.53 kg |
| PC32UD69V1000A | N300185 | 690 V | 700 V | 1000 A | 240 kA²s | 1380 kA²s | 200 kA | 135 W | 3 | 0.53 kg |
| PC32UD60V1100A | W302101 | 600 V | 650 V | 1100 A | 270 kA²s | 1450 kA²s | 200 kA | 165 W | 3 | 0.53 kg |
| PC32UD55V1250A | G300409 | 550 V | 600 V | 1250 A | 410 kA²s | 1950 kA²s | 200 kA | 180 W | 3 | 0.53 kg |

PC32UD69V900D1A

### Size 32 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC32UD69V315D1A | K302160 | 690 V | 700 V | 315 A | 5.2 kA²s | 31.8 kA²s | 200 kA | 71 W | 3 | 0.56 kg |
| PC32UD69V350D1A | L302161 | 690 V | 700 V | 350 A | 8.9 kA²s | 53.7 kA²s | 200 kA | 74 W | 3 | 0.56 kg |
| PC32UD69V400D1A | P300186 | 690 V | 700 V | 400 A | 15 kA²s | 90 kA²s | 200 kA | 75 W | 3 | 0.56 kg |
| PC32UD69V450D1A | Q300187 | 690 V | 700 V | 450 A | 22 kA²s | 130 kA²s | 200 kA | 80 W | 3 | 0.56 kg |
| PC32UD69V500D1A | R300188 | 690 V | 700 V | 500 A | 28 kA²s | 160 kA²s | 200 kA | 90 W | 3 | 0.56 kg |
| PC32UD69V550D1A | S300189 | 690 V | 700 V | 550 A | 37 kA²s | 215 kA²s | 200 kA | 95 W | 3 | 0.56 kg |
| PC32UD69V630D1A | T300190 | 690 V | 700 V | 630 A | 54 kA²s | 310 kA²s | 200 kA | 105 W | 3 | 0.56 kg |
| PC32UD69V700D1A | V300191 | 690 V | 700 V | 700 A | 76 kA²s | 440 kA²s | 200 kA | 110 W | 3 | 0.56 kg |
| PC32UD69V800D1A | W300192 | 690 V | 700 V | 800 A | 115 kA²s | 660 kA²s | 200 kA | 120 W | 3 | 0.56 kg |
| PC32UD69V900D1A | X300193 | 690 V | 700 V | 900 A | 170 kA²s | 990 kA²s | 200 kA | 125 W | 3 | 0.56 kg |
| PC32UD69V10CD1A | Y300194 | 690 V | 700 V | 1000 A | 240 kA²s | 1380 kA²s | 200 kA | 135 W | 3 | 0.56 kg |

A070UD32KI900

### Size 32 type KI short slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A070UD32KI315 | P302164 | 690 V | 700 V | 315 A | 5.2 kA²s | 31.8 kA²s | 200 kA | 71 W | 3 | 0.55 kg |
| A070UD32KI350 | Q302165 | 690 V | 700 V | 350 A | 8.9 kA²s | 53.7 kA²s | 200 kA | 74 W | 3 | 0.55 kg |
| A070UD32KI400 | Z300195 | 690 V | 700 V | 400 A | 15 kA²s | 90 kA²s | 200 kA | 75 W | 3 | 0.55 kg |
| A070UD32KI450 | A300196 | 690 V | 700 V | 450 A | 22 kA²s | 130 kA²s | 200 kA | 80 W | 3 | 0.55 kg |
| A070UD32KI500 | B300197 | 690 V | 700 V | 500 A | 28 kA²s | 160 kA²s | 200 kA | 90 W | 3 | 0.55 kg |
| A070UD32KI550 | C300198 | 690 V | 700 V | 550 A | 37 kA²s | 215 kA²s | 200 kA | 95 W | 3 | 0.55 kg |
| A070UD32KI630 | D300199 | 690 V | 700 V | 630 A | 54 kA²s | 310 kA²s | 200 kA | 105 W | 3 | 0.55 kg |
| A070UD32KI700 | E300200 | 690 V | 700 V | 700 A | 76 kA²s | 440 kA²s | 200 kA | 110 W | 3 | 0.55 kg |
| A070UD32KI800 | F300201 | 690 V | 700 V | 800 A | 115 kA²s | 660 kA²s | 200 kA | 120 W | 3 | 0.55 kg |
| A070UD32KI900 | G300202 | 690 V | 700 V | 900 A | 170 kA²s | 990 kA²s | 200 kA | 125 W | 3 | 0.55 kg |
| A070UD32KI1000 | H300203 | 690 V | 700 V | 1000 A | 240 kA²s | 1380 kA²s | 200 kA | 135 W | 3 | 0.55 kg |



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# Protistor® size 32 aR

PRODUCT RANGE

## 450 to 690VAC (IEC) / 700VAC (UL)

A070UD32LI900

### Size 32 type LI long slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A070UD32LI315 | R302166 | 690 V | 700 V | 315 A | 5.2 kA²s | 31.8 kA²s | 200 kA | 71 W | 3 | 0.57 kg |
| A070UD32LI350 | S302167 | 690 V | 700 V | 350 A | 8.9 kA²s | 53.7 kA²s | 200 kA | 74 W | 3 | 0.57 kg |
| A070UD32LI400 | J300204 | 690 V | 700 V | 400 A | 15 kA²s | 90 kA²s | 200 kA | 75 W | 3 | 0.57 kg |
| A070UD32LI450 | K300205 | 690 V | 700 V | 450 A | 22 kA²s | 130 kA²s | 200 kA | 80 W | 3 | 0.57 kg |
| A070UD32LI500 | L300206 | 690 V | 700 V | 500 A | 28 kA²s | 160 kA²s | 200 kA | 90 W | 3 | 0.57 kg |
| A070UD32LI550 | M300207 | 690 V | 700 V | 550 A | 37 kA²s | 215 kA²s | 200 kA | 95 W | 3 | 0.57 kg |
| A070UD32LI630 | N300208 | 690 V | 700 V | 630 A | 54 kA²s | 310 kA²s | 200 kA | 105 W | 3 | 0.57 kg |
| A070UD32LI700 | P300209 | 690 V | 700 V | 700 A | 76 kA²s | 440 kA²s | 200 kA | 110 W | 3 | 0.57 kg |
| A070UD32LI800 | Q300210 | 690 V | 700 V | 800 A | 115 kA²s | 660 kA²s | 200 kA | 120 W | 3 | 0.57 kg |
| A070UD32LI900 | R300211 | 690 V | 700 V | 900 A | 170 kA²s | 990 kA²s | 200 kA | 125 W | 3 | 0.74 kg |
| A070UD32LI1000 | S300212 | 690 V | 700 V | 1000 A | 240 kA²s | 1380 kA²s | 200 kA | 135 W | 3 | 0.74 kg |
| A065UD32LI1100 | B301071 | 600 V | 650 V | 1100 A | 270 kA²s | 1450 kA²s | 200 kA | 165 W | 3 | 0.74 kg |
| A060UD32LI1250 | C301072 | 550 V | 600 V | 1250 A | 410 kA²s | 1950 kA²s | 200 kA | 180 W | 3 | 0.74 kg |
| A055UD32LI1400 | D301073 | 500 V | 550 V | 1400 A | 555 kA²s | 2300 kA²s | 200 kA | 200 W | 3 | 0.74 kg |

PC32UD69V900EF

### Size 32 type EF blades for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC32UD69V400EF | V300168 | 690 V | 700 V | 400 A | 15 kA²s | 90 kA²s | 200 kA | 75 W | 3 | 0.57 kg |
| PC32UD69V450EF | W300169 | 690 V | 700 V | 450 A | 22 kA²s | 130 kA²s | 200 kA | 80 W | 3 | 0.57 kg |
| PC32UD69V500EF | X300170 | 690 V | 700 V | 500 A | 28 kA²s | 160 kA²s | 200 kA | 90 W | 3 | 0.57 kg |
| PC32UD69V550EF | Y300171 | 690 V | 700 V | 550 A | 37 kA²s | 215 kA²s | 200 kA | 95 W | 3 | 0.57 kg |
| PC32UD69V630EF | Z300172 | 690 V | 700 V | 630 A | 54 kA²s | 310 kA²s | 200 kA | 105 W | 3 | 0.57 kg |
| PC32UD69V700EF | A300173 | 690 V | 700 V | 700 A | 76 kA²s | 440 kA²s | 200 kA | 110 W | 3 | 0.57 kg |
| PC32UD69V800EF | B300174 | 690 V | 700 V | 800 A | 115 kA²s | 660 kA²s | 200 kA | 120 W | 3 | 0.57 kg |
| PC32UD69V900EF | C300175 | 690 V | 700 V | 900 A | 170 kA²s | 990 kA²s | 200 kA | 125 W | 3 | 0.57 kg |
| PC32UD69V1000EF | D300176 | 690 V | 700 V | 1000 A | 240 kA²s | 1380 kA²s | 200 kA | 135 W | 3 | 0.57 kg |

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# Protistor® size 33 aR

PRODUCT RANGE

## 450 to 690VAC (IEC) / 700VAC (UL)

PC33UD69V1400TF

### Size 33 type TTF M12 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | | |
| PC33UD69V450TF | W302170 | 690 V | 700 V | 450 A | 13.45 kA²s | 87 kA²s | 200 kA | 84 W | 3 | 0.81 kg |
| PC33UD69V500TF | V300076 | 690 V | 700 V | 500 A | 19 kA²s | 110 kA²s | 200 kA | 105 W | 3 | 0.81 kg |
| PC33UD69V550TF | W300077 | 690 V | 700 V | 550 A | 27 kA²s | 155 kA²s | 200 kA | 105 W | 3 | 0.81 kg |
| PC33UD69V630TF | X300078 | 690 V | 700 V | 630 A | 40 kA²s | 230 kA²s | 200 kA | 110 W | 3 | 0.81 kg |
| PC33UD69V700TF | Y300079 | 690 V | 700 V | 700 A | 57 kA²s | 330 kA²s | 200 kA | 115 W | 3 | 0.81 kg |
| PC33UD69V800TF | Z300080 | 690 V | 700 V | 800 A | 93 kA²s | 540 kA²s | 200 kA | 120 W | 3 | 0.81 kg |
| PC33UD69V900TF | A300081 | 690 V | 700 V | 900 A | 130 kA²s | 770 kA²s | 200 kA | 120 W | 3 | 0.81 kg |
| PC33UD69V1000TF | B300082 | 690 V | 700 V | 1000 A | 170 kA²s | 990 kA²s | 200 kA | 135 W | 3 | 0.81 kg |
| PC33UD69V1100TF | C300083 | 690 V | 700 V | 1100 A | 240 kA²s | 1390 kA²s | 200 kA | 135 W | 3 | 0.81 kg |
| **Reinforced Terminal** | | | | | | | | | | |
| PC33UD69V1250TF | D300084 | 690 V | 700 V | 1250 A | 355 kA²s | 2053 kA²s | 200 kA | 150 W | 3 | 0.81 kg |
| PC33UD69V1400TF | E300085 | 690 V | 700 V | 1400 A | 465 kA²s | 2700 kA²s | 200 kA | 160 W | 3 | 0.81 kg |
| PC33UD60V1500TF | Y300585 | 600 V | 650 V | 1500 A | 470 kA²s | 2500 kA²s | 200 kA | 210 W | 3 | 0.81 kg |
| PC33UD60V1600TF | Z300586 | 600 V | 650 V | 1600 A | 555 kA²s | 2900 kA²s | 200 kA | 210 W | 3 | 0.81 kg |
| PC33UD60V1800TF | A300587 | 600 V | 650 V | 1800 A | 720 kA²s | 3870 kA²s | 200 kA | 225 W | 3 | 0.81 kg |
| PC33UD55V2000TF | B300588 | 550 V | 600 V | 2000 A | 950 kA²s | 4500 kA²s | 200 kA | 250 W | 3 | 0.81 kg |
| PC33UD50V2250TF | K300757 | 500 V | 550 V | 2250 A | 1250 kA²s | 5160 kA²s | 200 kA | 280 W | 3 | 0.81 kg |
| PC33UD45V2500TF | L300758 | 450 V | 500 V | 2500 A | 1870 kA²s | 6540 kA²s | 200 kA | 280 W | 3 | 0.81 kg |

A070UD33TTI450

### Size 33 type TTI 1/2 in - 13 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | | |
| A070UD33TTI450 | X302171 | 690 V | 700 V | 450 A | 13.45 kA²s | 87 kA²s | 200 kA | 84 W | 3 | 0.89 kg |
| A070UD33TTI500 | X300446 | 690 V | 700 V | 500 A | 19 kA²s | 110 kA²s | 200 kA | 105 W | 3 | 0.89 kg |
| A070UD33TTI550 | Y300447 | 690 V | 700 V | 550 A | 27 kA²s | 155 kA²s | 200 kA | 105 W | 3 | 0.89 kg |
| A070UD33TTI630 | Z300448 | 690 V | 700 V | 630 A | 40 kA²s | 230 kA²s | 200 kA | 110 W | 3 | 0.89 kg |
| A070UD33TTI700 | A300449 | 690 V | 700 V | 700 A | 57 kA²s | 330 kA²s | 200 kA | 115 W | 3 | 0.89 kg |
| A070UD33TTI800 | T300443 | 690 V | 700 V | 800 A | 93 kA²s | 540 kA²s | 200 kA | 120 W | 3 | 0.89 kg |
| A070UD33TTI900 | B300450 | 690 V | 700 V | 900 A | 130 kA²s | 770 kA²s | 200 kA | 120 W | 3 | 0.89 kg |
| A070UD33TTI1000 | C300451 | 690 V | 700 V | 1000 A | 170 kA²s | 990 kA²s | 200 kA | 135 W | 3 | 0.89 kg |
| A070UD33TTI1100 | D300452 | 690 V | 700 V | 1100 A | 240 kA²s | 1390 kA²s | 200 kA | 135 W | 3 | 0.89 kg |
| **Reinforced Terminal** | | | | | | | | | | |
| A070UD33TTI1250 | E300453 | 690 V | 700 V | 1250 A | 355 kA²s | 2053 kA²s | 200 kA | 150 W | 3 | 0.89 kg |
| A070UD33TTI1400 | F300454 | 690 V | 700 V | 1400 A | 465 kA²s | 2700 kA²s | 200 kA | 160 W | 3 | 0.89 kg |
| A065UD33TTI1500 | F302064 | 600 V | 650 V | 1500 A | 470 kA²s | 2500 kA²s | 200 kA | 210 W | 3 | 0.89 kg |
| A065UD33TTI1600 | S301086 | 600 V | 650 V | 1600 A | 555 kA²s | 2900 kA²s | 200 kA | 210 W | 3 | 0.89 kg |
| A065UD33TTI1800 | T301087 | 600 V | 650 V | 1800 A | 720 kA²s | 3870 kA²s | 200 kA | 225 W | 3 | 0.89 kg |
| A060UD33TTI2000 | V301088 | 550 V | 600 V | 2000 A | 950 kA²s | 4500 kA²s | 200 kA | 250 W | 3 | 0.89 kg |
| A055UD33TTI2250 | W301089 | 500 V | 550 V | 2250 A | 1250 kA²s | 5160 kA²s | 200 kA | 280 W | 3 | 0.89 kg |
| A050UD33TTI2500 | Y300838 | 450 V | 500 V | 2500 A | 1870 kA²s | 6540 kA²s | 200 kA | 280 W | 3 | 0.89 kg |



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# Protistor® size 33 aR

PRODUCT RANGE

## 450 to 690VAC (IEC) / 700VAC (UL)

PC33UD69V1100A

### Size 33 type DIN80 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | | |
| PC33UD69V450A | T302168 | 690 V | 700 V | 450 A | 13.45 kA²s | 87 kA²s | 200 kA | 88 W | 3 | 0.81 kg |
| PC33UD69V500A | G300248 | 690 V | 700 V | 500 A | 19 kA²s | 110 kA²s | 200 kA | 105 W | 3 | 0.81 kg |
| PC33UD69V550A | H300249 | 690 V | 700 V | 550 A | 27 kA²s | 155 kA²s | 200 kA | 110 W | 3 | 0.81 kg |
| PC33UD69V630A | J300250 | 690 V | 700 V | 630 A | 40 kA²s | 230 kA²s | 200 kA | 120 W | 3 | 0.81 kg |
| PC33UD69V700A | K300251 | 690 V | 700 V | 700 A | 57 kA²s | 330 kA²s | 200 kA | 125 W | 3 | 0.81 kg |
| PC33UD69V800A | L300252 | 690 V | 700 V | 800 A | 93 kA²s | 540 kA²s | 200 kA | 130 W | 3 | 0.81 kg |
| PC33UD69V900A | M300253 | 690 V | 700 V | 900 A | 130 kA²s | 770 kA²s | 200 kA | 135 W | 3 | 0.81 kg |
| PC33UD69V1000A | N300254 | 690 V | 700 V | 1000 A | 170 kA²s | 990 kA²s | 200 kA | 155 W | 3 | 0.81 kg |
| PC33UD69V1100A | P300255 | 690 V | 700 V | 1100 A | 240 kA²s | 1390 kA²s | 200 kA | 160 W | 3 | 0.81 kg |
| **Reinforced Terminal** | | | | | | | | | | |
| PC33UD69V1250A | Q300256 | 690 V | 700 V | 1250 A | 355 kA²s | 2053 kA²s | 200 kA | 180 W | 3 | 0.81 kg |
| PC33UD69V1400A | R300257 | 690 V | 700 V | 1400 A | 465 kA²s | 2700 kA²s | 200 kA | 200 W | 3 | 0.81 kg |
| PC33UD60V1500A | M235071 | 600 V | 650 V | 1500 A | 470 kA²s | 2500 kA²s | 200 kA | 210 W | 3 | 0.81 kg |
| PC33UD60V1600A | X301803 | 600 V | 650 V | 1600 A | 555 kA²s | 2900 kA²s | 200 kA | 240 W | 3 | 0.81 kg |
| PC33UD60V1800A | E301971 | 600 V | 650 V | 1800 A | 720 kA²s | 3870 kA²s | 200 kA | 225 W | 3 | 0.81 kg |
| PC33UD55V2000A | A302657 | 550 V | 600 V | 2000 A | 950 kA²s | 4500 kA²s | 200 kA | 250 W | 3 | 0.81 kg |

PC33UD69V11CD1A

### Size 33 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | | |
| PC33UD69V450D1A | V302169 | 690 V | 700 V | 450 A | 13.45 kA²s | 87 kA²s | 200 kA | 88 W | 3 | 0.87 kg |
| PC33UD69V500D1A | S300258 | 690 V | 700 V | 500 A | 19 kA²s | 110 kA²s | 200 kA | 105 W | 3 | 0.87 kg |
| PC33UD69V550D1A | T300259 | 690 V | 700 V | 550 A | 27 kA²s | 155 kA²s | 200 kA | 110 W | 3 | 0.87 kg |
| PC33UD69V630D1A | V300260 | 690 V | 700 V | 630 A | 40 kA²s | 230 kA²s | 200 kA | 120 W | 3 | 0.87 kg |
| PC33UD69V700D1A | W300261 | 690 V | 700 V | 700 A | 57 kA²s | 330 kA²s | 200 kA | 125 W | 3 | 0.87 kg |
| PC33UD69V800D1A | X300262 | 690 V | 700 V | 800 A | 93 kA²s | 540 kA²s | 200 kA | 130 W | 3 | 0.87 kg |
| PC33UD69V900D1A | Y300263 | 690 V | 700 V | 900 A | 130 kA²s | 770 kA²s | 200 kA | 135 W | 3 | 0.87 kg |
| PC33UD69V10CD1A | Z300264 | 690 V | 700 V | 1000 A | 170 kA²s | 990 kA²s | 200 kA | 155 W | 3 | 0.87 kg |
| PC33UD69V11CD1A | A300265 | 690 V | 700 V | 1100 A | 240 kA²s | 1390 kA²s | 200 kA | 160 W | 3 | 0.87 kg |
| **Reinforced Terminal** | | | | | | | | | | |
| PC33UD69V12CD1A | B300266 | 690 V | 700 V | 1250 A | 355 kA²s | 2053 kA²s | 200 kA | 180 W | 3 | 0.87 kg |
| PC33UD69V14CD1A | C300267 | 690 V | 700 V | 1400 A | 465 kA²s | 2700 kA²s | 200 kA | 200 W | 3 | 0.87 kg |
| PC33UD60V15CD1A | H301974 | 600 V | 650 V | 1500 A | 470 kA²s | 2500 kA²s | 200 kA | 210 W | 3 | 0.87 kg |
| PC33UD60V16CD1A | Z301437 | 600 V | 650 V | 1600 A | 500 kA²s | 2900 kA²s | 200 kA | 240 W | 3 | 0.87 kg |
| PC33UD60V18CD1A | - | 600 V | 650 V | 1800 A | 720 kA²s | 3870 kA²s | 160 kA | 260 W | 3 | 0.87 kg |
| PC33UD55V20CD1A | S1015765 | 550 V | 600 V | 2000 A | 950 kA²s | 4500 kA²s | 200 kA | 290 W | 3 | 0.87 kg |

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# Protistor® size 33 aR

PRODUCT RANGE

## 450 to 690VAC (IEC) / 700VAC (UL)

A070UD33KI1100

### Size 33 type KI short slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | | |
| A070UD33KI500 | W300238 | 690 V | 700 V | 500 A | 19 kA²s | 110 kA²s | 200 kA | 105 W | 3 | 0.85 kg |
| A070UD33KI550 | X300239 | 690 V | 700 V | 550 A | 27 kA²s | 155 kA²s | 200 kA | 110 W | 3 | 0.85 kg |
| A070UD33KI630 | Y300240 | 690 V | 700 V | 630 A | 40 kA²s | 230 kA²s | 200 kA | 120 W | 3 | 0.85 kg |
| A070UD33KI700 | Z300241 | 690 V | 700 V | 700 A | 57 kA²s | 330 kA²s | 200 kA | 125 W | 3 | 0.85 kg |
| A070UD33KI800 | A300242 | 690 V | 700 V | 800 A | 93 kA²s | 540 kA²s | 200 kA | 130 W | 3 | 0.85 kg |
| A070UD33KI900 | B300243 | 690 V | 700 V | 900 A | 130 kA²s | 770 kA²s | 200 kA | 135 W | 3 | 0.85 kg |
| A070UD33KI1000 | C300244 | 690 V | 700 V | 1000 A | 170 kA²s | 990 kA²s | 200 kA | 155 W | 3 | 0.85 kg |
| A070UD33KI1100 | D300245 | 690 V | 700 V | 1100 A | 240 kA²s | 1390 kA²s | 200 kA | 160 W | 3 | 0.85 kg |
| **Reinforced Terminal** | | | | | | | | | | |
| A070UD33KI1250 | E300246 | 690 V | 700 V | 1250 A | 355 kA²s | 2053 kA²s | 200 kA | 180 W | 3 | 0.85 kg |
| A070UD33KI1400 | F300247 | 690 V | 700 V | 1400 A | 465 kA²s | 2700 kA²s | 200 kA | 200 W | 3 | 0.85 kg |
| A065UD33KI1600 | E302063 | 600 V | 650 V | 1600 A | 555 kA²s | 2900 kA²s | 200 kA | 240 W | 3 | 0.85 kg |

A070UD33LI1100

### Size 33 type LI long slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | | |
| A070UD33LI450 | Y302172 | 690 V | 700 V | 450 A | 13.45 kA²s | 87 kA²s | 200 kA | 88 W | 3 | 0.88 kg |
| A070UD33LI500 | K300228 | 690 V | 700 V | 500 A | 19 kA²s | 110 kA²s | 200 kA | 105 W | 3 | 0.88 kg |
| A070UD33LI550 | L300229 | 690 V | 700 V | 550 A | 27 kA²s | 155 kA²s | 200 kA | 110 W | 3 | 0.88 kg |
| A070UD33LI630 | M300230 | 690 V | 700 V | 630 A | 40 kA²s | 230 kA²s | 200 kA | 120 W | 3 | 0.88 kg |
| A070UD33LI700 | N300231 | 690 V | 700 V | 700 A | 57 kA²s | 330 kA²s | 200 kA | 125 W | 3 | 0.88 kg |
| A070UD33LI800 | P300232 | 690 V | 700 V | 800 A | 93 kA²s | 540 kA²s | 200 kA | 130 W | 3 | 0.88 kg |
| A070UD33LI900 | Q300233 | 690 V | 700 V | 900 A | 130 kA²s | 770 kA²s | 200 kA | 135 W | 3 | 0.88 kg |
| A070UD33LI1000 | R300234 | 690 V | 700 V | 1000 A | 170 kA²s | 990 kA²s | 200 kA | 155 W | 3 | 0.88 kg |
| A070UD33LI1100 | S300235 | 690 V | 700 V | 1100 A | 240 kA²s | 1390 kA²s | 200 kA | 160 W | 3 | 0.88 kg |
| **Reinforced Terminal** | | | | | | | | | | |
| A070UD33LI1250 | T300236 | 690 V | 700 V | 1250 A | 355 kA²s | 2053 kA²s | 200 kA | 180 W | 3 | 0.88 kg |
| A070UD33LI1400 | V300237 | 690 V | 700 V | 1400 A | 465 kA²s | 2700 kA²s | 200 kA | 200 W | 3 | 0.88 kg |
| A060UD33LI1500 | P300531 | 600 V | 650 V | 1500 A | 470 kA²s | 2500 kA²s | 200 kA | 210 W | 3 | 0.88 kg |
| A060UD33LI2000 | J301078 | 550 V | 600 V | 2000 A | 950 kA²s | 4500 kA²s | 200 kA | 290 W | 3 | 0.88 kg |
| A065UD33LI1600 | G301076 | 600 V | 650 V | 1600 A | 555 kA²s | 2900 kA²s | 200 kA | 240 W | 3 | 0.88 kg |
| A065UD33LI1800 | H301077 | 600 V | 650 V | 1800 A | 720 kA²s | 3870 kA²s | 200 kA | 260 W | 3 | 0.88 kg |



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# Protistor® size 33 aR

PRODUCT RANGE

## 450 to 690VAC (IEC) / 700VAC (UL)

PC33UD69V1400EF

### Size 33 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | | |
| PC33UD69V500EF | Z300218 | 690 V | 700 V | 500 A | 19 kA²s | 110 kA²s | 200 kA | 105 W | 3 | 0.85 kg |
| PC33UD69V550EF | A300219 | 690 V | 700 V | 550 A | 27 kA²s | 155 kA²s | 200 kA | 110 W | 3 | 0.85 kg |
| PC33UD69V630EF | B300220 | 690 V | 700 V | 630 A | 40 kA²s | 230 kA²s | 200 kA | 120 W | 3 | 0.85 kg |
| PC33UD69V700EF | C300221 | 690 V | 700 V | 700 A | 57 kA²s | 330 kA²s | 200 kA | 125 W | 3 | 0.85 kg |
| PC33UD69V800EF | D300222 | 690 V | 700 V | 800 A | 93 kA²s | 540 kA²s | 200 kA | 130 W | 3 | 0.85 kg |
| PC33UD69V900EF | E300223 | 690 V | 700 V | 900 A | 130 kA²s | 770 kA²s | 200 kA | 135 W | 3 | 0.85 kg |
| PC33UD69V1000EF | F300224 | 690 V | 700 V | 1000 A | 170 kA²s | 990 kA²s | 200 kA | 155 W | 3 | 0.85 kg |
| PC33UD69V1100EF | G300225 | 690 V | 700 V | 1100 A | 240 kA²s | 1390 kA²s | 200 kA | 160 W | 3 | 0.85 kg |
| **Reinforced Terminal** | | | | | | | | | | |
| PC33UD69V1250EF | H300226 | 690 V | 700 V | 1250 A | 355 kA²s | 2053 kA²s | 200 kA | 180 W | 3 | 0.85 kg |
| PC33UD69V1400EF | J300227 | 690 V | 700 V | 1400 A | 465 kA²s | 2700 kA²s | 200 kA | 200 W | 3 | 0.85 kg |

### Size 33 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC33UD60V1600PA | W302722 | 600 V | 650 V | 1600 A | 555 kA²s | 2900 kA²s | 200 kA | 240 W | 3 | 1.17 kg |
| PC33UD69V1250PA | V302721 | 690 V | 700 V | 1250 A | 355 kA²s | 2053 kA²s | 200 kA | 180 W | 3 | 1.17 kg |
| PC33UD69V1400PA | P1028044 | 690 V | 700 V | 1400 A | 465 kA²s | 2700 kA²s | 200 kA | 200 W | 3 | 1.17 kg |

# Protistor® size 2x32 and 2x33 aR

PRODUCT RANGE

## 400 to 690VAC (IEC) / 700VAC (UL)

PC232UD69V8CTF

### Size 2x32 type TTF M10 threaded terminals with omega bar

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC232UD69V8CTF | T300305 | 690 V | 700 V | 800 A | 61 kA²s | 320 kA²s | 170 kA | 144 W | 1 | 1.33 kg |
| PC232UD69V10CTF | T300213 | 690 V | 700 V | 1000 A | 111 kA²s | 590 kA²s | 170 kA | 165 W | 1 | 1.33 kg |
| PC232UD69V13CTF | V300214 | 690 V | 700 V | 1250 A | 218 kA²s | 1100 kA²s | 170 kA | 190 W | 1 | 1.33 kg |
| PC232UD69V14CTF | G300087 | 690 V | 700 V | 1400 A | 307 kA²s | 1600 kA²s | 170 kA | 200 W | 1 | 1.33 kg |

PC233UD69V13CTF

### Size 2x33 type M12 threaded terminals with omega bar

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC233UD69V13CTF | D300268 | 690 V | 700 V | 1250 A | 159 kA²s | 850 kA²s | 170 kA | 230 W | 1 | 1.93 kg |
| PC233UD69V14CTF | E300269 | 690 V | 700 V | 1400 A | 228 kA²s | 1200 kA²s | 170 kA | 240 W | 1 | 1.93 kg |
| PC233UD69V16CTF | F300270 | 690 V | 700 V | 1600 A | 370 kA²s | 1900 kA²s | 170 kA | 250 W | 1 | 1.93 kg |

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# Protistor® size 2x32 and 2x33 aR

PRODUCT RANGE

## 400 to 690VAC (IEC) / 700VAC (UL)

PC36UD69V18CP11

### Size 2x33 type PLAF M10 threaded plates

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC36UD69V18CP11 | B300427 | 690 V | 700 V | 1800 A | 515 kA²s | 2800 kA²s | 170 kA | 250 W | 1 | 2.5 kg |
| PC36UD60V20CP11 | R302235 | 600 V | 650 V | 2000 A | 682 kA²s | 3100 kA²s | 160 kA | 280 W | 1 | 2.5 kg |
| PC36UD60V22CP11 | Q302234 | 600 V | 650 V | 2200 A | 957 kA²s | 4400 kA²s | 160 kA | 280 W | 1 | 2.5 kg |
| PC36UD60V25CP11 | P302233 | 600 V | 650 V | 2500 A | 1410 kA²s | 6600 kA²s | 160 kA | 310 W | 1 | 2.5 kg |
| PC36UD60V28CP11 | N302232 | 600 V | 650 V | 2800 A | 1855 kA²s | 8800 kA²s | 160 kA | 330 W | 1 | 2.5 kg |
| PC36UD55V30CP11 | L301977 | 550 V | 600 V | 3000 A | 1870 kA²s | 9000 kA²s | 150 kA | 440 W | 1 | 2.5 kg |
| PC36UD55V32CP11 | M301978 | 550 V | 600 V | 3200 A | 2220 kA²s | 10800 kA²s | 150 kA | 455 W | 1 | 2.5 kg |
| PC36UD50V36CP11 | N301979 | 500 V | 550 V | 3600 A | 2880 kA²s | 12400 kA²s | 130 kA | 465 W | 1 | 2.5 kg |
| PC36UD50V40CP11 | P301980 | 500 V | 550 V | 4000 A | 3790 kA²s | 16200 kA²s | 130 kA | 515 W | 1 | 2.5 kg |
| PC36UD45V45CP11 | Q301981 | 450 V | 500 V | 4500 A | 5000 kA²s | 18600 kA²s | 130 kA | 560 W | 1 | 2.5 kg |
| PC36UD40V50CP11 | R301982 | 400 V | 400 V | 5000 A | 7470 kA²s | 23100 kA²s | 200 kA | 580 W | 1 | 2.5 kg |

# Protistor® size 70 aR

PRODUCT RANGE

## 1100 to 1250VAC (IEC) / 1300VAC (UL)

PC70UD13C200TF

### Size 70 type TTF M8 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC70UD13C50TF | C301095 | 1250 V | 1300 V | 50 A | 120 A²s | 980 A²s | 126 kA | 16 W | 3 | 0.34 kg |
| PC70UD13C63TF | M300483 | 1250 V | 1300 V | 63 A | 210 A²s | 1680 A²s | 126 kA | 26 W | 3 | 0.34 kg |
| PC70UD13C80TF | N300484 | 1250 V | 1300 V | 80 A | 470 A²s | 3780 A²s | 126 kA | 27 W | 3 | 0.34 kg |
| PC70UD13C100TF | P300485 | 1250 V | 1300 V | 100 A | 830 A²s | 6750 A²s | 126 kA | 30 W | 3 | 0.34 kg |
| PC70UD13C125TF | Q300486 | 1250 V | 1300 V | 125 A | 1310 A²s | 10500 A²s | 126 kA | 38 W | 3 | 0.34 kg |
| PC70UD13C160TF | R300487 | 1250 V | 1300 V | 160 A | 2570 A²s | 21000 A²s | 126 kA | 45 W | 3 | 0.34 kg |
| PC70UD13C200TF | S300488 | 1250 V | 1300 V | 200 A | 4730 A²s | 38000 A²s | 126 kA | 54 W | 3 | 0.34 kg |
| PC70UD13C250TF | T300489 | 1250 V | 1300 V | 250 A | 9580 A²s | 77000 A²s | 126 kA | 58 W | 3 | 0.34 kg |
| PC70UD12C280TF | N300714 | 1200 V | 1300 V | 280 A | 14200 A²s | 106000 A²s | 150 kA | 61 W | 3 | 0.34 kg |
| PC70UD12C315TF | V300490 | 1200 V | 1300 V | 315 A | 20000 A²s | 149000 A²s | 150 kA | 66 W | 3 | 0.34 kg |
| PC70UD11C350TF | W300491 | 1100 V | 1200 V | 350 A | 27800 A²s | 180000 A²s | 100 kA | 68 W | 3 | 0.34 kg |
| PC70UD11C400TF | E300867 | 1100 V | 1200 V | 400 A | 38700 A²s | 254000 A²s | 100 kA | 81 W | 3 | 0.34 kg |
| PC70UD11C450TF | H301284 | 1100 V | 1200 V | 450 A | 61700 A²s | 405000 A²s | 100 kA | 82 W | 3 | 0.34 kg |
| PC70UD10C500TF | J301285 | 1000 V | 1100 V | 500 A | 84000 A²s | 483000 A²s | 100 kA | 83 W | 3 | 0.34 kg |

A120UD70TTI350

### Size 70 type TTI 5/16 in - 18 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A130UD70TTI63 | Q301015 | 1250 V | 1300 V | 63 A | 210 A²s | 1680 A²s | 200 kA | 26 W | 3 | 0.35 kg |
| A130UD70TTI80 | R301016 | 1250 V | 1300 V | 80 A | 470 A²s | 3780 A²s | 200 kA | 27 W | 3 | 0.35 kg |
| A130UD70TTI100 | S301017 | 1250 V | 1300 V | 100 A | 830 A²s | 6750 A²s | 200 kA | 30 W | 3 | 0.35 kg |
| A130UD70TTI125 | T301018 | 1250 V | 1300 V | 125 A | 1310 A²s | 10500 A²s | 200 kA | 38 W | 3 | 0.35 kg |
| A130UD70TTI160 | V301019 | 1250 V | 1300 V | 160 A | 2570 A²s | 21000 A²s | 200 kA | 45 W | 3 | 0.35 kg |
| A130UD70TTI200 | W301020 | 1250 V | 1300 V | 200 A | 4730 A²s | 38000 A²s | 200 kA | 54 W | 3 | 0.35 kg |
| A130UD70TTI250 | X301021 | 1250 V | 1300 V | 250 A | 9580 A²s | 77000 A²s | 150 kA | 58 W | 3 | 0.35 kg |
| A130UD70TTI280 | Y301022 | 1200 V | 1300 V | 280 A | 14200 A²s | 106000 A²s | 150 kA | 61 W | 3 | 0.35 kg |
| A130UD70TTI315 | Z301023 | 1200 V | 1300 V | 315 A | 20000 A²s | 149000 A²s | 150 kA | 66 W | 3 | 0.35 kg |
| A120UD70TTI350 | A301024 | 1100 V | 1200 V | 350 A | 27800 A²s | 180000 A²s | 150 kA | 68 W | 3 | 0.35 kg |



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# Protistor® size 70 aR

PRODUCT RANGE

## 1100 to 1250VAC (IEC) / 1300VAC (UL)

PC70UD13C200D1A

### Size 70 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC70UD13C63D1A | V300536 | 1250 V | 1300 V | 63 A | 210 A²s | 1680 A²s | 126 kA | 26 W | 3 | 0.36 kg |
| PC70UD13C80D1A | W300537 | 1250 V | 1300 V | 80 A | 470 A²s | 3780 A²s | 126 kA | 27 W | 3 | 0.36 kg |
| PC70UD13C100D1A | X300538 | 1250 V | 1300 V | 100 A | 830 A²s | 6750 A²s | 126 kA | 30 W | 3 | 0.36 kg |
| PC70UD13C125D1A | Y300539 | 1250 V | 1300 V | 125 A | 1310 A²s | 10500 A²s | 126 kA | 38 W | 3 | 0.36 kg |
| PC70UD13C160D1A | Z300540 | 1250 V | 1300 V | 160 A | 2570 A²s | 21000 A²s | 126 kA | 45 W | 3 | 0.36 kg |
| PC70UD13C200D1A | A300541 | 1250 V | 1300 V | 200 A | 4730 A²s | 38000 A²s | 126 kA | 56 W | 3 | 0.36 kg |
| PC70UD13C250D1A | B300542 | 1250 V | 1300 V | 250 A | 9580 A²s | 77000 A²s | 126 kA | 61 W | 3 | 0.36 kg |
| PC70UD12C280D1A | J300710 | 1200 V | 1300 V | 280 A | 14200 A²s | 106000 A²s | 150 kA | 64 W | 3 | 0.36 kg |
| PC70UD12C315D1A | C300543 | 1200 V | 1300 V | 315 A | 20000 A²s | 149000 A²s | 150 kA | 72 W | 3 | 0.36 kg |
| PC70UD11C350D1A | D300544 | 1100 V | 1200 V | 350 A | 27800 A²s | 180000 A²s | 150 kA | 75 W | 3 | 0.36 kg |

A130UD70LI063

### Size 70 type LI slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A130UD70LI063 | W300652 | 1250 V | 1300 V | 63 A | 210 A²s | 1680 A²s | 200 kA | 26 W | 3 | 0.38 kg |
| A130UD70LI080 | X300653 | 1250 V | 1300 V | 80 A | 470 A²s | 3780 A²s | 200 kA | 27 W | 3 | 0.38 kg |
| A130UD70LI100 | Y300654 | 1250 V | 1300 V | 100 A | 830 A²s | 6750 A²s | 200 kA | 30 W | 3 | 0.38 kg |
| A130UD70LI125 | Z300655 | 1250 V | 1300 V | 125 A | 1310 A²s | 10500 A²s | 200 kA | 38 W | 3 | 0.38 kg |
| A130UD70LI160 | A300656 | 1250 V | 1300 V | 160 A | 2570 A²s | 21000 A²s | 200 kA | 45 W | 3 | 0.38 kg |
| A130UD70LI200 | B300657 | 1250 V | 1300 V | 200 A | 4730 A²s | 38000 A²s | 200 kA | 56 W | 3 | 0.38 kg |
| A130UD70LI250 | C300658 | 1250 V | 1300 V | 250 A | 9580 A²s | 77000 A²s | 150 kA | 61 W | 3 | 0.38 kg |
| A130UD70LI280 | Q300716 | 1200 V | 1300 V | 280 A | 14200 A²s | 106000 A²s | 150 kA | 64 W | 3 | 0.38 kg |
| A130UD70LI315 | D300659 | 1200 V | 1300 V | 315 A | 20000 A²s | 149000 A²s | 150 kA | 72 W | 3 | 0.38 kg |
| A120UD70LI350 | E300660 | 1100 V | 1200 V | 350 A | 27800 A²s | 180000 A²s | 150 kA | 75 W | 3 | 0.38 kg |

PC70UD11C350EF

### Size 70 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC70UD13C63EF | P300600 | 1250 V | 1300 V | 63 A | 210 A²s | 1680 A²s | 126 kA | 26 W | 3 | 0.36 kg |
| PC70UD13C80EF | Q300601 | 1250 V | 1300 V | 80 A | 470 A²s | 3780 A²s | 126 kA | 27 W | 3 | 0.36 kg |
| PC70UD13C100EF | R300602 | 1250 V | 1300 V | 100 A | 830 A²s | 6750 A²s | 126 kA | 30 W | 3 | 0.36 kg |
| PC70UD13C125EF | S300603 | 1250 V | 1300 V | 125 A | 1310 A²s | 10500 A²s | 126 kA | 38 W | 3 | 0.36 kg |
| PC70UD13C160EF | T300604 | 1250 V | 1300 V | 160 A | 2570 A²s | 21000 A²s | 126 kA | 45 W | 3 | 0.36 kg |
| PC70UD13C200EF | V300605 | 1250 V | 1300 V | 200 A | 4730 A²s | 38000 A²s | 126 kA | 56 W | 3 | 0.36 kg |
| PC70UD13C250EF | W300606 | 1250 V | 1300 V | 250 A | 9580 A²s | 77000 A²s | 126 kA | 61 W | 3 | 0.36 kg |
| PC70UD12C280EF | L300712C | 1200 V | 1300 V | 280 A | 14200 A²s | 106000 A²s | 126 kA | 64 W | 3 | 0.36 kg |
| PC70UD12C315EF | X300607 | 1200 V | 1300 V | 315 A | 20000 A²s | 149000 A²s | 150 kA | 72 W | 3 | 0.36 kg |
| PC70UD11C350EF | Y300608 | 1100 V | 1200 V | 350 A | 27800 A²s | 180000 A²s | 150 kA | 75 W | 3 | 0.36 kg |

PC70UD13C50PA

### Size 70 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC70UD13C50PA | J301423 | 1250 V | 1300 V | 50 A | 120 A²s | 980 A²s | 126 kA | 16 W | 3 | 0.36 kg |
| PC70UD13C63PA | A301185 | 1250 V | 1300 V | 63 A | 210 A²s | 1680 A²s | 126 kA | 26 W | 3 | 0.36 kg |
| PC70UD13C80PA | M301242 | 1250 V | 1300 V | 80 A | 470 A²s | 3780 A²s | 126 kA | 27 W | 3 | 0.36 kg |
| PC70UD13C100PA | J301124 | 1250 V | 1300 V | 100 A | 830 A²s | 6750 A²s | 126 kA | 30 W | 3 | 0.36 kg |
| PC70UD13C125PA | K301125 | 1250 V | 1300 V | 125 A | 1310 A²s | 10500 A²s | 126 kA | 38 W | 3 | 0.36 kg |
| PC70UD13C160PA | D301188 | 1250 V | 1300 V | 160 A | 2570 A²s | 21000 A²s | 126 kA | 45 W | 3 | 0.36 kg |
| PC70UD13C200PA | Z300839 | 1250 V | 1300 V | 200 A | 4730 A²s | 38000 A²s | 126 kA | 56 W | 3 | 0.36 kg |

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# Protistor® size 71 aR

PRODUCT RANGE

## 750 to 1250VAC (IEC) / 1300VAC (UL)

PC71UD13C450TF

### Size 71 type TTF M8 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC71UD13C160TF | B300749 | 1250 V | 1300 V | 160 A | 2.6 kA²s | 21 kA²s | 126 kA | 46 W | 3 | 0.52 kg |
| PC71UD13C200TF | Z300517 | 1250 V | 1300 V | 200 A | 4.7 kA²s | 38 kA²s | 126 kA | 54 W | 3 | 0.52 kg |
| PC71UD13C250TF | A300518 | 1250 V | 1300 V | 250 A | 8.9 kA²s | 72 kA²s | 126 kA | 61 W | 3 | 0.52 kg |
| PC71UD13C280TF | P300715 | 1250 V | 1300 V | 280 A | 12 kA²s | 96 kA²s | 126 kA | 68 W | 3 | 0.52 kg |
| PC71UD13C315TF | B300519 | 1250 V | 1300 V | 315 A | 16 kA²s | 129 kA²s | 126 kA | 73 W | 3 | 0.52 kg |
| PC71UD13C350TF | C300520 | 1250 V | 1300 V | 350 A | 22 kA²s | 178 kA²s | 126 kA | 76 W | 3 | 0.52 kg |
| PC71UD13C400TF | D300521 | 1250 V | 1300 V | 400 A | 38 kA²s | 308 kA²s | 126 kA | 76 W | 3 | 0.52 kg |
| PC71UD13C450TF | E300522 | 1250 V | 1300 V | 450 A | 47.2 kA²s | 378 kA²s | 126 kA | 87 W | 3 | 0.52 kg |
| PC71UD11C500TF | F300523 | 1100 V | 1200 V | 500 A | 68 kA²s | 441 kA²s | 150 kA | 90 W | 3 | 0.52 kg |
| PC71UD11C550TF | G300524 | 1100 V | 1200 V | 550 A | 84 kA²s | 548 kA²s | 150 kA | 98 W | 3 | 0.52 kg |
| PC71UD11C630TF | H300525 | 1000 V | 1100 V | 630 A | 126 kA²s | 725 kA²s | 150 kA | 105 W | 3 | 0.52 kg |
| PC71UD10C700TF | M301288 | 1000 V | 1100 V | 700 A | 180 kA²s | 1040 kA²s | 150 kA | 105 W | 3 | 0.52 kg |
| PC71UD90V800TF | Z300862 | 900 V | 950 V | 800 A | 290 kA²s | 1540 kA²s | 150 kA | 116 W | 3 | 0.52 kg |
| PC71UD80V900TF | N301289 | 800 V | 850 V | 900 A | 446 kA²s | 2010 kA²s | 150 kA | 100 W | 3 | 0.52 kg |
| PC71UD75V10CTF | R301292 | 750 V | 800 V | 1000 A | 556 kA²s | 2310 kA²s | 150 kA | 129 W | 3 | 0.52 kg |

A130UD71TTI450

### Size 71 type TTI 5/16 in - 18 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A130UD71TTI160 | B301025 | 1250 V | 1300 V | 160 A | 2.6 kA²s | 21 kA²s | 126 kA | 46 W | 3 | 0.5 kg |
| A130UD71TTI200 | C301026 | 1250 V | 1300 V | 200 A | 4.7 kA²s | 38 kA²s | 126 kA | 54 W | 3 | 0.5 kg |
| A130UD71TTI250 | D301027 | 1250 V | 1300 V | 250 A | 8.9 kA²s | 72 kA²s | 126 kA | 61 W | 3 | 0.5 kg |
| A130UD71TTI280 | E301028 | 1250 V | 1300 V | 280 A | 12 kA²s | 96 kA²s | 126 kA | 68 W | 3 | 0.5 kg |
| A130UD71TTI315 | F301029 | 1250 V | 1300 V | 315 A | 16 kA²s | 129 kA²s | 126 kA | 73 W | 3 | 0.5 kg |
| A130UD71TTI350 | G301030 | 1250 V | 1300 V | 350 A | 22 kA²s | 178 kA²s | 126 kA | 76 W | 3 | 0.5 kg |
| A120UD71TTI550 | L301034 | 1100 V | 1200 V | 550 A | 84 kA²s | 548 kA²s | 150 kA | 98 W | 3 | 0.5 kg |
| A120UD71TTI630 | M301035 | 1000 V | 1100 V | 630 A | 126 kA²s | 820 kA²s | 126 kA | 105 W | 3 | 0.5 kg |
| A130UD71TTI400 | H301031 | 1250 V | 1300 V | 400 A | 38 kA²s | 308 kA²s | 126 kA | 76 W | 3 | 0.5 kg |
| A130UD71TTI450 | J301032 | 1250 V | 1300 V | 450 A | 47 kA²s | 378 kA²s | 126 kA | 87 W | 3 | 0.5 kg |
| A130UD71TTI500 | K301033 | 1100 V | 1200 V | 500 A | 68 kA²s | 441 kA²s | 150 kA | 90 W | 3 | 0.5 kg |

PC71UD13C160D1A

### Size 71 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC71UD13C160D1A | D300751 | 1250 V | 1300 V | 160 A | 2.6 kA²s | 21 kA²s | 126 kA | 46 W | 3 | 0.52 kg |
| PC71UD13C200D1A | E300545 | 1250 V | 1300 V | 200 A | 4.7 kA²s | 38 kA²s | 126 kA | 54 W | 3 | 0.52 kg |
| PC71UD13C250D1A | F300546 | 1250 V | 1300 V | 250 A | 8.9 kA²s | 72 kA²s | 126 kA | 61 W | 3 | 0.52 kg |
| PC71UD10C630D1A | N300553 | 1000 V | 1100 V | 630 A | 125 kA²s | 725 kA²s | 167 kA | 120 W | 3 | 0.52 kg |
| PC71UD13C280D1A | K300711 | 1250 V | 1300 V | 280 A | 12 kA²s | 96 kA²s | 126 kA | 70 W | 3 | 0.52 kg |
| PC71UD13C315D1A | G300547 | 1250 V | 1300 V | 315 A | 16 kA²s | 129 kA²s | 126 kA | 76 W | 3 | 0.52 kg |
| PC71UD13C350D1A | H300548 | 1250 V | 1300 V | 350 A | 22 kA²s | 178 kA²s | 126 kA | 80 W | 3 | 0.52 kg |
| PC71UD13C400D1A | J300549 | 1250 V | 1300 V | 400 A | 38 kA²s | 308 kA²s | 126 kA | 80 W | 3 | 0.52 kg |
| PC71UD13C450D1A | K300550 | 1250 V | 1300 V | 450 A | 47 kA²s | 378 kA²s | 126 kA | 95 W | 3 | 0.52 kg |
| PC71UD11C500D1A | L300551 | 1100 V | 1200 V | 500 A | 68 kA²s | 441 kA²s | 150 kA | 100 W | 3 | 0.52 kg |
| PC71UD11C550D1A | M300552 | 1100 V | 1200 V | 550 A | 84 kA²s | 548 kA²s | 150 kA | 112 W | 3 | 0.52 kg |



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# Protistor® size 71 aR

PRODUCT RANGE

## 750 to 1250VAC (IEC) / 1300VAC (UL)

A110UD71LLI630

### Size 71 type LI slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A130UD71LLI160 | E300752 | 1250 V | 1300 V | 160 A | 2.6 kA²s | 21 kA²s | 126 kA | 46 W | 3 | 0.54 kg |
| A130UD71LLI200 | F300661 | 1250 V | 1300 V | 200 A | 4.7 kA²s | 38 kA²s | 126 kA | 54 W | 3 | 0.54 kg |
| A130UD71LLI250 | G300662 | 1250 V | 1300 V | 250 A | 8.9 kA²s | 72 kA²s | 126 kA | 61 W | 3 | 0.54 kg |
| A130UD71LLI280 | R300717 | 1250 V | 1300 V | 280 A | 12 kA²s | 96 kA²s | 126 kA | 70 W | 3 | 0.54 kg |
| A130UD71LLI315 | H300663 | 1250 V | 1300 V | 315 A | 16 kA²s | 129 kA²s | 126 kA | 76 W | 3 | 0.54 kg |
| A130UD71LLI350 | J300664 | 1250 V | 1300 V | 350 A | 22 kA²s | 178 kA²s | 126 kA | 80 W | 3 | 0.54 kg |
| A130UD71LLI400 | K300665 | 1250 V | 1300 V | 400 A | 38 kA²s | 308 kA²s | 126 kA | 80 W | 3 | 0.54 kg |
| A130UD71LLI450 | L300666 | 1250 V | 1300 V | 450 A | 47 kA²s | 378 kA²s | 126 kA | 95 W | 3 | 0.54 kg |
| A120UD71LLI500 | M300667 | 1100 V | 1200 V | 500 A | 68 kA²s | 441 kA²s | 150 kA | 100 W | 3 | 0.54 kg |
| A120UD71LLI550 | N300668 | 1100 V | 1200 V | 550 A | 84 kA²s | 548 kA²s | 167 kA | 112 W | 3 | 0.54 kg |
| A110UD71LLI630 | P300669 | 1000 V | 1100 V | 630 A | 126 kA²s | 725 kA²s | 167 kA | 120 W | 3 | 0.54 kg |

PC71UD11C550EF

### Size 71 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC71UD13C160EF | C300750 | 1250 V | 1300 V | 160 A | 2.6 kA²s | 21 kA²s | 126 kA | 46 W | 3 | 0.54 kg |
| PC71UD13C200EF | Z300609 | 1250 V | 1300 V | 200 A | 4.7 kA²s | 38 kA²s | 126 kA | 54 W | 3 | 0.54 kg |
| PC71UD13C250EF | A300610 | 1250 V | 1300 V | 250 A | 8.9 kA²s | 72 kA²s | 126 kA | 61 W | 3 | 0.54 kg |
| PC71UD13C280EF | M300713 | 1250 V | 1300 V | 280 A | 12 kA²s | 96 kA²s | 126 kA | 70 W | 3 | 0.54 kg |
| PC71UD10C630EF | H300617 | 1000 V | 1100 V | 630 A | 126 kA²s | 725 kA²s | 167 kA | 120 W | 3 | 0.54 kg |
| PC71UD13C315EF | B300611 | 1250 V | 1300 V | 315 A | 16 kA²s | 129 kA²s | 126 kA | 76 W | 3 | 0.54 kg |
| PC71UD13C350EF | C300612 | 1250 V | 1300 V | 350 A | 22 kA²s | 178 kA²s | 126 kA | 80 W | 3 | 0.54 kg |
| PC71UD13C400EF | D300613 | 1250 V | 1300 V | 400 A | 38 kA²s | 308 kA²s | 126 kA | 80 W | 3 | 0.54 kg |
| PC71UD13C450EF | E300614 | 1250 V | 1300 V | 450 A | 47 kA²s | 378 kA²s | 126 kA | 95 W | 3 | 0.54 kg |
| PC71UD11C500EF | F300615 | 1100 V | 1200 V | 500 A | 68 kA²s | 441 kA²s | 150 kA | 100 W | 3 | 0.54 kg |
| PC71UD11C550EF | G300616 | 1100 V | 1200 V | 550 A | 84 kA²s | 548 kA²s | 167 kA | 112 W | 3 | 0.54 kg |

PC71UD13C450PA

### Size 71 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC71UD13C160PA | M301219 | 1250 V | 1300 V | 160 A | 2.6 kA²s | 21 kA²s | 126 kA | 46 W | 3 | 0.56 kg |
| PC71UD13C200PA | G301835 | 1250 V | 1300 V | 200 A | 4.7 kA²s | 38 kA²s | 126 kA | 54 W | 3 | 0.56 kg |
| PC71UD13C250PA | B301163 | 1250 V | 1300 V | 250 A | 8.9 kA²s | 72 kA²s | 126 kA | 61 W | 3 | 0.56 kg |
| PC71UD13C315PA | A300840 | 1250 V | 1300 V | 315 A | 16 kA²s | 129 kA²s | 126 kA | 76 W | 3 | 0.56 kg |
| PC71UD13C350PA | H1000070 | 1250 V | 1300 V | 350 A | 22 kA²s | 178 kA²s | 126 kA | 80 W | 3 | 0.56 kg |
| PC71UD13C400PA | Q301222 | 1250 V | 1300 V | 400 A | 38 kA²s | 308 kA²s | 126 kA | 80 W | 3 | 0.56 kg |
| PC71UD13C450PA | W302975 | 1250 V | 1300 V | 450 A | 47 kA²s | 378 kA²s | 126 kA | 95 W | 3 | 0.56 kg |

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# Protistor® size 72 aR

PRODUCT RANGE

## 850 to 1250VAC (IEC) / 1300VAC (UL)

PC72UD13C630TF

### Size 72 type TTF M10 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC72UD13C315TF | Z300494 | 1250 V | 1300 V | 315 A | 15.1 kA²s | 125 kA²s | 126 kA | 76 W | 3 | 0.8 kg |
| PC72UD13C350TF | A300495 | 1250 V | 1300 V | 350 A | 21 kA²s | 170 kA²s | 126 kA | 77 W | 3 | 0.8 kg |
| PC72UD13C400TF | B300496 | 1250 V | 1300 V | 400 A | 32.8 kA²s | 270 kA²s | 126 kA | 80 W | 3 | 0.8 kg |
| PC72UD13C450TF | C300497 | 1250 V | 1300 V | 450 A | 44.2 kA²s | 360 kA²s | 126 kA | 89 W | 3 | 0.8 kg |
| PC72UD13C500TF | D300498 | 1250 V | 1300 V | 500 A | 57.1 kA²s | 465 kA²s | 126 kA | 98 W | 3 | 0.8 kg |
| PC72UD13C550TF | E300499 | 1250 V | 1300 V | 550 A | 68 kA²s | 550 kA²s | 126 kA | 110 W | 3 | 0.8 kg |
| PC72UD13C630TF | F300500 | 1250 V | 1300 V | 630 A | 106.3 kA²s | 860 kA²s | 126 kA | 113 W | 3 | 0.8 kg |
| PC72UD11C700TF | G300501 | 1100 V | 1200 V | 700 A | 141.9 kA²s | 920 kA²s | 150 kA | 140 W | 3 | 0.8 kg |
| PC72UD11C800TF | H300502 | 1100 V | 1200 V | 800 A | 215.1 kA²s | 1400 kA²s | 150 kA | 146 W | 3 | 0.8 kg |
| PC72UD10C900TF | G300869 | 1000 V | 1100 V | 900 A | 312 kA²s | 1800 kA²s | 167 kA | 152 W | 3 | 0.8 kg |
| PC72UD85V1000TF | T301294 | 850 V | 900 V | 1000 A | 439 kA²s | 2150 kA²s | 100 kA | 136 W | 3 | 0.8 kg |

A120UD72TTI800

### Size 72 type TTI 3/8 in - 16 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A130UD72TTI280 | N301036 | 1250 V | 1300 V | 280 A | 10.3 kA²s | 85 kA²s | 126 kA | 72 W | 3 | 0.85 kg |
| A130UD72TTI315 | P301037 | 1250 V | 1300 V | 315 A | 15.1 kA²s | 125 kA²s | 126 kA | 76 W | 3 | 0.85 kg |
| A130UD72TTI350 | Q301038 | 1250 V | 1300 V | 350 A | 21 kA²s | 170 kA²s | 126 kA | 77 W | 3 | 0.85 kg |
| A130UD72TTI400 | R301039 | 1250 V | 1300 V | 400 A | 32.8 kA²s | 270 kA²s | 126 kA | 80 W | 3 | 0.85 kg |
| A130UD72TTI450 | S301040 | 1250 V | 1300 V | 450 A | 44.2 kA²s | 360 kA²s | 126 kA | 87 W | 3 | 0.85 kg |
| A130UD72TTI500 | T301041 | 1250 V | 1300 V | 500 A | 57.1 kA²s | 465 kA²s | 126 kA | 94 W | 3 | 0.85 kg |
| A130UD72TTI550 | V301042 | 1250 V | 1300 V | 550 A | 68 kA²s | 550 kA²s | 126 kA | 110 W | 3 | 0.85 kg |
| A130UD72TTI630 | W301043 | 1250 V | 1300 V | 630 A | 106.3 kA²s | 860 kA²s | 126 kA | 113 W | 3 | 0.85 kg |
| A120UD72TTI700 | X301044 | 1100 V | 1200 V | 700 A | 141.9 kA²s | 920 kA²s | 150 kA | 140 W | 3 | 0.85 kg |
| A120UD72TTI800 | Y301045 | 1100 V | 1200 V | 800 A | 215.1 kA²s | 1400 kA²s | 150 kA | 146 W | 3 | 0.85 kg |

PC72UD13C550D1A

### Size 72 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC72UD13C280D1A | P300554 | 1250 V | 1300 V | 280 A | 10.3 kA²s | 85 kA²s | 126 kA | 72 W | 3 | 0.70 kg |
| PC72UD13C315D1A | Q300555 | 1250 V | 1300 V | 315 A | 15.1 kA²s | 125 kA²s | 126 kA | 76 W | 3 | 0.70 kg |
| PC72UD13C350D1A | R300556 | 1250 V | 1300 V | 350 A | 21 kA²s | 170 kA²s | 126 kA | 77 W | 3 | 0.70 kg |
| PC72UD13C400D1A | S300557 | 1250 V | 1300 V | 400 A | 32.8 kA²s | 270 kA²s | 126 kA | 80 W | 3 | 0.70 kg |
| PC72UD13C450D1A | T300558 | 1250 V | 1300 V | 450 A | 44.2 kA²s | 360 kA²s | 126 kA | 89 W | 3 | 0.70 kg |
| PC72UD13C500D1A | V300559 | 1250 V | 1300 V | 500 A | 57.1 kA²s | 465 kA²s | 126 kA | 98 W | 3 | 0.70 kg |
| PC72UD13C550D1A | W300560 | 1250 V | 1300 V | 550 A | 68 kA²s | 550 kA²s | 126 kA | 120 W | 3 | 0.70 kg |
| PC72UD11C630D1A | X300561 | 1100 V | 1200 V | 630 A | 106.3 kA²s | 690 kA²s | 150 kA | 125 W | 3 | 0.70 kg |
| PC72UD10C700D1A | Y300562 | 1000 V | 1100 V | 700 A | 141.9 kA²s | 815 kA²s | 167 kA | 140 W | 3 | 0.70 kg |
| PC72UD10C800D1A | Z300563 | 1000 V | 1100 V | 800 A | 215.1 kA²s | 1240 kA²s | 167 kA | 146 W | 3 | 0.70 kg |



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# Protistor® size 72 aR

PRODUCT RANGE

## 850 to 1250VAC (IEC) / 1300VAC (UL)

A110UD72LI800

### Size 72 type LI slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A130UD72LI280 | Q300670 | 1250 V | 1300 V | 280 A | 10.3 kA²s | 85 kA²s | 126 kA | 72 W | 3 | 0.72 kg |
| A130UD72LI315 | R300671 | 1250 V | 1300 V | 315 A | 15.1 kA²s | 125 kA²s | 126 kA | 76 W | 3 | 0.72 kg |
| A130UD72LI350 | S300672 | 1250 V | 1300 V | 350 A | 21 kA²s | 170 kA²s | 126 kA | 77 W | 3 | 0.72 kg |
| A130UD72LI400 | T300673 | 1250 V | 1300 V | 400 A | 32.8 kA²s | 270 kA²s | 126 kA | 80 W | 3 | 0.72 kg |
| A130UD72LI450 | V300674 | 1250 V | 1300 V | 450 A | 44.2 kA²s | 360 kA²s | 126 kA | 89 W | 3 | 0.72 kg |
| A130UD72LI500 | W300675 | 1250 V | 1300 V | 500 A | 57.1 kA²s | 465 kA²s | 126 kA | 98 W | 3 | 0.72 kg |
| A130UD72LI550 | X300676 | 1250 V | 1300 V | 550 A | 68 kA²s | 550 kA²s | 126 kA | 120 W | 3 | 0.72 kg |
| A120UD72LI630 | Y300677 | 1100 V | 1200 V | 630 A | 106.3 kA²s | 690 kA²s | 150 kA | 125 W | 3 | 0.72 kg |
| A110UD72LI700 | Z300678 | 1000 V | 1100 V | 700 A | 141.9 kA²s | 815 kA²s | 167 kA | 140 W | 3 | 0.72 kg |
| A110UD72LI800 | A300679 | 1000 V | 1100 V | 800 A | 215.1 kA²s | 1240 kA²s | 167 kA | 146 W | 3 | 0.72 kg |

PC72UD10C800EF

### Size 72 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC72UD13C280EF | J300618 | 1250 V | 1300 V | 280 A | 10.3 kA²s | 85 kA²s | 126 kA | 72 W | 3 | 0.76 kg |
| PC72UD13C315EF | K300619 | 1250 V | 1300 V | 315 A | 15.1 kA²s | 125 kA²s | 126 kA | 76 W | 3 | 0.76 kg |
| PC72UD13C350EF | L300620 | 1250 V | 1300 V | 350 A | 21 kA²s | 170 kA²s | 126 kA | 77 W | 3 | 0.76 kg |
| PC72UD13C400EF | M300621 | 1250 V | 1300 V | 400 A | 32.8 kA²s | 270 kA²s | 126 kA | 80 W | 3 | 0.76 kg |
| PC72UD13C450EF | N300622 | 1250 V | 1300 V | 450 A | 44.2 kA²s | 360 kA²s | 126 kA | 89 W | 3 | 0.76 kg |
| PC72UD13C500EF | P300623 | 1250 V | 1300 V | 500 A | 57.1 kA²s | 465 kA²s | 126 kA | 98 W | 3 | 0.76 kg |
| PC72UD11C630EF | R300625 | 1100 V | 1200 V | 630 A | 106.3 kA²s | 690 kA²s | 150 kA | 125 W | 3 | 0.76 kg |
| PC72UD10C700EF | S300626 | 1000 V | 1100 V | 700 A | 141.9 kA²s | 815 kA²s | 167 kA | 140 W | 3 | 0.76 kg |
| PC72UD10C800EF | T300627 | 1000 V | 1100 V | 800 A | 215.1 kA²s | 1240 kA²s | 167 kA | 146 W | 3 | 0.76 kg |

PC72UD11C630PA

### Size 72 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC72UD13C315PA | H301836 | 1250 V | 1300 V | 315 A | 15.1 kA²s | 125 kA²s | 126 kA | 76 W | 3 | 0.78 kg |
| PC72UD13C400PA | B300841 | 1250 V | 1300 V | 400 A | 32.8 kA²s | 270 kA²s | 126 kA | 80 W | 3 | 0.78 kg |
| PC72UD13C450PA | C300842 | 1250 V | 1300 V | 450 A | 44.2 kA²s | 360 kA²s | 126 kA | 89 W | 3 | 0.78 kg |
| PC72UD13C500PA | P302716 | 1250 V | 1300 V | 500 A | 57.1 kA²s | 465 kA²s | 126 kA | 98 W | 3 | 0.78 kg |
| PC72UD11C630PA | N301220 | 1100 V | 1200 V | 630 A | 106.3 kA²s | 690 kA²s | 150 kA | 125 W | 3 | 0.78 kg |
| PC72UD10C800PA | M302047 | 1000 V | 1100 V | 800 A | 215.1 kA²s | 1240 kA²s | 167 kA | 146 W | 3 | 0.78 kg |

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# Protistor® size 73 aR

PRODUCT RANGE

## 600 to 1250VAC (IEC) / 1300VAC (UL)

PC73UD10C1000TF

### Size 73 type TTF M12 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC73UD13C315TF | J300503 | 1250 V | 1300 V | 315 A | 12 kA²s | 95 kA²s | 126 kA | 84 W | 1 | 1.22 kg |
| PC73UD13C350TF | K300504 | 1250 V | 1300 V | 350 A | 17 kA²s | 140 kA²s | 126 kA | 86 W | 1 | 1.22 kg |
| PC73UD13C400TF | L300505 | 1250 V | 1300 V | 400 A | 25 kA²s | 205 kA²s | 126 kA | 93 W | 1 | 1.22 kg |
| PC73UD13C450TF | M300506 | 1250 V | 1300 V | 450 A | 35.5 kA²s | 290 kA²s | 126 kA | 99 W | 1 | 1.22 kg |
| PC73UD13C500TF | N300507 | 1250 V | 1300 V | 500 A | 44 kA²s | 360 kA²s | 126 kA | 112 W | 1 | 1.22 kg |
| PC73UD13C550TF | P300508 | 1250 V | 1300 V | 550 A | 57 kA²s | 465 kA²s | 126 kA | 116 W | 1 | 1.22 kg |
| PC73UD13C630TF | Q300509 | 1250 V | 1300 V | 630 A | 84 kA²s | 680 kA²s | 126 kA | 125 W | 1 | 1.22 kg |
| PC73UD13C700TF | R300510 | 1250 V | 1300 V | 700 A | 114 kA²s | 900 kA²s | 126 kA | 135 W | 1 | 1.22 kg |
| PC73UD13C800TF | S300511 | 1250 V | 1300 V | 800 A | 189 kA²s | 1530 kA²s | 126 kA | 136 W | 1 | 1.22 kg |
| PC73UD12C900TF | T300512 | 1200 V | 1300 V | 900 A | 250 kA²s | 1870 kA²s | 126 kA | 151 W | 1 | 1.22 kg |
| PC73UD10C1000TF | V300513 | 1000 V | 1100 V | 1000 A | 370 kA²s | 2130 kA²s | 167 kA | 152 W | 1 | 1.22 kg |
| PC73UD95V11CTF | W300514 | 950 V | 1000 V | 1100 A | 445 kA²s | 2430 kA²s | 150 kA | 168 W | 1 | 1.22 kg |
| PC73UD90V13CTF | T300696 | 900 V | 1000 V | 1250 A | 585 kA²s | 3080 kA²s | 150 kA | 186 W | 1 | 1.22 kg |
| PC73UD85V14CTF | S300718 | 850 V | 900 V | 1400 A | 755 kA²s | 3700 kA²s | 150 kA | 210 W | 1 | 1.22 kg |
| PC73UD69V16CTF | B301301 | 690 V | 700 V | 1600 A | 1430 kA²s | 5740 kA²s | 150 kA | 203 W | 1 | 1.22 kg |
| PC73UD60V18CTF | C301302 | 600 V | 650 V | 1800 A | 2040 kA²s | 7150 kA²s | 200 kA | 206 W | 1 | 1.22 kg |

A130UD73TTI900

### Size 73 type TTI 1/2 in - 13 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A130UD73TTI315 | Z301046 | 1250 V | 1300 V | 315 A | 12 kA²s | 95 kA²s | 126 kA | 84 W | 1 | 1.25 kg |
| A130UD73TTI350 | A301047 | 1250 V | 1300 V | 350 A | 17 kA²s | 140 kA²s | 126 kA | 86 W | 1 | 1.25 kg |
| A130UD73TTI400 | B301048 | 1250 V | 1300 V | 400 A | 25 kA²s | 205 kA²s | 126 kA | 93 W | 1 | 1.25 kg |
| A130UD73TTI450 | C301049 | 1250 V | 1300 V | 450 A | 35.5 kA²s | 290 kA²s | 126 kA | 99 W | 1 | 1.25 kg |
| A130UD73TTI500 | D301050 | 1250 V | 1300 V | 500 A | 44 kA²s | 360 kA²s | 126 kA | 112 W | 1 | 1.25 kg |
| A130UD73TTI550 | E301051 | 1250 V | 1300 V | 550 A | 57 kA²s | 465 kA²s | 126 kA | 116 W | 1 | 1.25 kg |
| A130UD73TTI630 | F301052 | 1250 V | 1300 V | 630 A | 84 kA²s | 680 kA²s | 126 kA | 125 W | 1 | 1.25 kg |
| A130UD73TTI700 | G301053 | 1250 V | 1300 V | 700 A | 114 kA²s | 900 kA²s | 126 kA | 135 W | 1 | 1.25 kg |
| A130UD73TTI800 | H301054 | 1250 V | 1300 V | 800 A | 189 kA²s | 1530 kA²s | 150 kA | 136 W | 1 | 1.25 kg |
| A130UD73TTI900 | T1013903 | 1200 V | 1300 V | 900 A | 250 kA²s | 1870 kA²s | 150 kA | 150 W | 1 | 1.25 kg |
| A110UD73TTI1000 | K301056 | 1000 V | 1100 V | 1000 A | 370 kA²s | 2130 kA²s | 167 kA | 152 W | 1 | 1.25 kg |
| A100UD73TTI1100 | L301057 | 950 V | 1000 V | 1100 A | 445 kA²s | 2430 kA²s | 150 kA | 168 W | 1 | 1.25 kg |
| A100UD73TTI1250 | M301058 | 900 V | 1000 V | 1250 A | 585 kA²s | 3080 kA²s | 150 kA | 186 W | 1 | 1.25 kg |
| A090UD73TTI1400 | N301059 | 850 V | 900 V | 1400 A | 755 kA²s | 3700 kA²s | 150 kA | 210 W | 1 | 1.25 kg |
| A070UD73TTI1600 | Q300877 | 690 V | 700 V | 1600 A | 1430 kA²s | 5740 kA²s | 200 kA | 203 W | 1 | 1.25 kg |
| A065UD73TTI1800 | R300878 | 600 V | 650 V | 1800 A | 2040 kA²s | 7150 kA²s | 200 kA | 206 W | 1 | 1.25 kg |

PC73UD90V11CD1A

### Size 73 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC73UD13C315D1A | A300564 | 1250 V | 1300 V | 315 A | 12 kA²s | 95 kA²s | 126 kA | 84 W | 1 | 1.12 kg |
| PC73UD13C350D1A | B300565 | 1250 V | 1300 V | 350 A | 17 kA²s | 140 kA²s | 126 kA | 86 W | 1 | 1.12 kg |
| PC73UD13C400D1A | C300566 | 1250 V | 1300 V | 400 A | 25 kA²s | 205 kA²s | 126 kA | 93 W | 1 | 1.12 kg |
| PC73UD13C450D1A | D300567 | 1250 V | 1300 V | 450 A | 35.5 kA²s | 290 kA²s | 126 kA | 100 W | 1 | 1.12 kg |
| PC73UD13C500D1A | E300568 | 1250 V | 1300 V | 500 A | 44 kA²s | 360 kA²s | 126 kA | 112 W | 1 | 1.12 kg |
| PC73UD13C550D1A | F300569 | 1250 V | 1300 V | 550 A | 57 kA²s | 465 kA²s | 126 kA | 120 W | 1 | 1.12 kg |
| PC73UD13C630D1A | G300570 | 1250 V | 1300 V | 630 A | 84 kA²s | 680 kA²s | 126 kA | 132 W | 1 | 1.12 kg |
| PC73UD12C700D1A | H300571 | 1200 V | 1300 V | 700 A | 110 kA²s | 900 kA²s | 150 kA | 146 W | 1 | 1.12 kg |
| PC73UD11C800D1A | J300572 | 1100 V | 1200 V | 800 A | 190 kA²s | 1230 kA²s | 150 kA | 148 W | 1 | 1.12 kg |
| PC73UD10C900D1A | K300573 | 1000 V | 1100 V | 900 A | 250 kA²s | 1440 kA²s | 167 kA | 170 W | 1 | 1.12 kg |
| PC73UD90V11CD1A | M300575 | 900 V | 1000 V | 1100 A | 445 kA²s | 2280 kA²s | 150 kA | 208 W | 1 | 1.12 kg |
| PC73UD90V10CD1A | L300574 | 900 V | 1000 V | 1000 A | 370 kA²s | 1920 kA²s | 150 kA | 174 W | 1 | 1.12 kg |



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# Protistor® size 73 aR

PRODUCT RANGE

## 600 to 1250VAC (IEC) / 1300VAC (UL)

A090UD73LI1400

### Size 73 type LI slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| A130UD73LI315 | B300680 | 1250 V | 1300 V | 315 A | 12 kA²s | 95 kA²s | 126 kA | 84 W | 1 | 1.25 kg |
| A130UD73LI350 | C300681 | 1250 V | 1300 V | 350 A | 17 kA²s | 140 kA²s | 126 kA | 86 W | 1 | 1.25 kg |
| A130UD73LI400 | D300682 | 1250 V | 1300 V | 400 A | 25 kA²s | 205 kA²s | 126 kA | 93 W | 1 | 1.25 kg |
| A130UD73LI450 | E300683 | 1250 V | 1300 V | 450 A | 35.5 kA²s | 290 kA²s | 126 kA | 100 W | 1 | 1.25 kg |
| A130UD73LI500 | F300684 | 1250 V | 1300 V | 500 A | 44 kA²s | 360 kA²s | 126 kA | 112 W | 1 | 1.25 kg |
| A130UD73LI550 | G300685 | 1250 V | 1300 V | 550 A | 57 kA²s | 465 kA²s | 126 kA | 120 W | 1 | 1.25 kg |
| A130UD73LI630 | H300686 | 1250 V | 1300 V | 630 A | 84 kA²s | 680 kA²s | 126 kA | 132 W | 1 | 1.25 kg |
| A130UD73LI700 | J300687 | 1200 V | 1300 V | 700 A | 110 kA²s | 900 kA²s | 150 kA | 146 W | 1 | 1.25 kg |
| A120UD73LI800 | K300688 | 1100 V | 1200 V | 800 A | 190 kA²s | 1230 kA²s | 150 kA | 148 W | 1 | 1.25 kg |
| A110UD73LI900 | L300689 | 1000 V | 1100 V | 900 A | 250 kA²s | 1440 kA²s | 167 kA | 170 W | 1 | 1.25 kg |
| A100UD73LI1000 | M300690 | 900 V | 1000 V | 1000 A | 370 kA²s | 1920 kA²s | 150 kA | 174 W | 1 | 1.25 kg |
| A100UD73LI1100 | N300691 | 900 V | 1000 V | 1100 A | 445 kA²s | 2280 kA²s | 151 kA | 208 W | 1 | 1.25 kg |
| A100UD73LI1250 | J301193 | 900 V | 1000 V | 1250 A | 585 kA²s | 3080 kA²s | 151 kA | 234 W | 1 | 1.25 kg |
| A090UD73LI1400 | K301194 | 850 V | 900 V | 1400 A | 755 kA²s | 3700 kA²s | 126 kA | 260 W | 1 | 1.25 kg |

PC73UD90V11CEF

### Size 73 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC73UD13C315EF | V300628 | 1250 V | 1300 V | 315 A | 12 kA²s | 95 kA²s | 126 kA | 84 W | 1 | 1.11 kg |
| PC73UD13C350EF | W300629 | 1250 V | 1300 V | 350 A | 17 kA²s | 140 kA²s | 126 kA | 86 W | 1 | 1.11 kg |
| PC73UD13C400EF | X300630 | 1250 V | 1300 V | 400 A | 25 kA²s | 205 kA²s | 126 kA | 93 W | 1 | 1.11 kg |
| PC73UD13C450EF | Y300631 | 1250 V | 1300 V | 450 A | 35.5 kA²s | 290 kA²s | 126 kA | 100 W | 1 | 1.11 kg |
| PC73UD13C500EF | Z300632 | 1250 V | 1300 V | 500 A | 44 kA²s | 360 kA²s | 126 kA | 112 W | 1 | 1.11 kg |
| PC73UD13C550EF | A300633 | 1250 V | 1300 V | 550 A | 57 kA²s | 465 kA²s | 126 kA | 120 W | 1 | 1.11 kg |
| PC73UD13C630EF | B300634 | 1250 V | 1300 V | 630 A | 84 kA²s | 680 kA²s | 126 kA | 132 W | 1 | 1.11 kg |
| PC73UD12C700EF | C300635 | 1200 V | 1300 V | 700 A | 110 kA²s | 900 kA²s | 150 kA | 146 W | 1 | 1.11 kg |
| PC73UD11C800EF | D300636 | 1100 V | 1200 V | 800 A | 190 kA²s | 1230 kA²s | 150 kA | 148 W | 1 | 1.11 kg |
| PC73UD10C900EF | E300637 | 1000 V | 1100 V | 900 A | 250 kA²s | 1440 kA²s | 167 kA | 170 W | 1 | 1.11 kg |
| PC73UD90V10CEF | F300638 | 900 V | 1000 V | 1000 A | 370 kA²s | 1920 kA²s | 150 kA | 174 W | 1 | 1.11 kg |
| PC73UD90V11CEF | G300639 | 900 V | 1000 V | 1100 A | 445 kA²s | 2280 kA²s | 150 kA | 208 W | 1 | 1.11 kg |

### Size 73 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| PC73UD13C450PA | X302976 | 1250 V | 1300 V | 450 A | 35.5 kA²s | 290 kA²s | 126 kA | 100 W | 3 | 1.16 kg |
| PC73UD13C500PA | S302719 | 1250 V | 1300 V | 500 A | 44 kA²s | 360 kA²s | 126 kA | 112 W | 3 | 1.16 kg |
| PC73UD13C550PA | Y302977 | 1250 V | 1300 V | 550 A | 57 kA²s | 465 kA²s | 126 kA | 120 W | 3 | 1.16 kg |
| PC73UD13C630PA | D300843 | 1250 V | 1300 V | 630 A | 84 kA²s | 680 kA²s | 126 kA | 132 W | 3 | 1.16 kg |
| PC73UD12C700PA | B301784 | 1200 V | 1300 V | 700 A | 110 kA²s | 900 kA²s | 150 kA | 146 W | 3 | 1.16 kg |
| PC73UD11C800PA | Z301966 | 1100 V | 1200 V | 800 A | 190 kA²s | 1230 kA²s | 150 kA | 148 W | 3 | 1.16 kg |
| PC73UD10C900PA | F302685 | 1000 V | 1100 V | 900 A | 250 kA²s | 1440 kA²s | 167 kA | 170 W | 3 | 1.16 kg |
| PC73UD90V10CPA | R302718 | 900 V | 1000 V | 1000 A | 370 kA²s | 1920 kA²s | 150 kA | 174 W | 3 | 1.16 kg |
| PC73UD90V11CPA | Q302717 | 900 V | 1000 V | 1100 A | 445 kA²s | 2280 kA²s | 150 kA | 208 W | 3 | 1.16 kg |
| PC73UD85V14CPA | G302686 | 900 V | 1000 V | 1250 A | 585 kA²s | 3080 kA²s | 150 kA | 234 W | 3 | 1.16 kg |
| A090UD73PA1400 | G302709 | 850 V | 900 V | 1400 A | 755 kA²s | 3700 kA²s | 150 kA | 260 W | 3 | 1.16 kg |

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# Protistor® size 2x72 and 2x73 aR

PRODUCT RANGE

## 550 to 1250VAC (IEC)

PC272UD65V25CTF

### Size 2x72 type TTF M10 or M12 threaded terminals with omega bar

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC272UD13C630TF | W300721 | 1250 V | 630 A | 60 kA²s | 490 kA²s | 100 kA | 160 W | 1 | 1.70 kg |
| PC272UD13C700TF | X300722 | 1250 V | 700 A | 84 kA²s | 675 kA²s | 100 kA | 162 W | 1 | 1.70 kg |
| PC272UD13C800TF | Y300723 | 1250 V | 800 A | 130 kA²s | 1065 kA²s | 100 kA | 168 W | 1 | 1.70 kg |
| PC272UD13C900TF | Z300724 | 1250 V | 900 A | 176 kA²s | 1430 kA²s | 100 kA | 183 W | 1 | 1.70 kg |
| PC272UD13C10CTF | A300725 | 1250 V | 1000 A | 228 kA²s | 1850 kA²s | 100 kA | 197 W | 1 | 1.70 kg |
| PC272UD13C11CTF | B300726 | 1250 V | 1100 A | 272 kA²s | 2185 kA²s | 100 kA | 231 W | 1 | 1.70 kg |
| PC272UD11C13CTF | M302231 | 1100 V | 1250 A | 426 kA²s | 2950 kA²s | 100 kA | 237 W | 1 | 1.70 kg |
| PC272UD11C14CTF | D300728 | 1100 V | 1400 A | 568 kA²s | 3650 kA²s | 100 kA | 256 W | 1 | 1.83 kg |
| PC272UD10C16CTF | L302230 | 1000 V | 1600 A | 860 kA²s | 4895 kA²s | 100 kA | 262 W | 1 | 1.83 kg |
| PC272UD90V18CTF | E301994 | 900 V | 1800 A | 1250 kA²s | 6350 kA²s | 100 kA | 275 W | 1 | 1.83 kg |
| PC272UD75V20CTF | F301995 | 750 V | 2000 A | 1760 kA²s | 7570 kA²s | 100 kA | 285 W | 1 | 1.83 kg |
| PC272UD65V22CTF | G301996 | 650 V | 2200 A | 2410 kA²s | 8350 kA²s | 100 kA | 320 W | 1 | 1.83 kg |
| PC272UD65V25CTF | H301997 | 650 V | 2500 A | 3470 kA²s | 12000 kA²s | 100 kA | 340 W | 1 | 1.83 kg |

PC273UD95V22CTF

### Size 2x73 type TTF M10 or M12 threaded terminals with omega bar

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC273UD13C800TF | F300730 | 1250 V | 800 A | 100 kA²s | 815 kA²s | 100 kA | 195 W | 1 | 2.53 kg |
| PC273UD13C900TF | G300731 | 1250 V | 900 A | 142 kA²s | 1150 kA²s | 100 kA | 208 W | 1 | 2.53 kg |
| PC273UD13C10CTF | H300732 | 1250 V | 1000 A | 176 kA²s | 1400 kA²s | 100 kA | 231 W | 1 | 2.53 kg |
| PC273UD13C11CTF | J300733 | 1250 V | 1100 A | 228 kA²s | 1860 kA²s | 100 kA | 244 W | 1 | 2.53 kg |
| PC273UD13C13CTF | K300734 | 1250 V | 1250 A | 336 kA²s | 2660 kA²s | 100 kA | 262 W | 1 | 2.53 kg |
| PC273UD11C14CTF | K302229 | 1100 V | 1400 A | 454 kA²s | 3060 kA²s | 100 kA | 283 W | 1 | 2.53 kg |
| PC273UD11C16CTF | J302228 | 1100 V | 1600 A | 760 kA²s | 5210 kA²s | 100 kA | 286 W | 1 | 2.53 kg |
| PC273UD11C18CTF | S302236 | 1100 V | 1800 A | 1000 kA²s | 6300 kA²s | 100 kA | 315 W | 1 | 2.53 kg |
| PC273UD10C20CTF | P300738 | 1000 V | 2000 A | 1480 kA²s | 8500 kA²s | 120 kA | 319 W | 1 | 2.53 kg |
| PC273UD95V22CTF | Q300739 | 950 V | 2200 A | 1780 kA²s | 9632 kA²s | 100 kA | 353 W | 1 | 2.53 kg |

PC76UD60V32CP11

### Size 2x73 type PLAF M10 threaded plates

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC76UD95V22CP11 | M301909 | 950 V | 2200 A | 1780 kA²s | 9630 kA²s | 100 kA | 353 W | 1 | 3.1 kg |
| PC76UD90V25CP11 | R300740 | 900 V | 2500 A | 2350 kA²s | 12070 kA²s | 110 kA | 390 W | 1 | 3.1 kg |
| PC76UD85V28CP11 | S300741 | 850 V | 2800 A | 3020 kA²s | 15000 kA²s | 100 kA | 440 W | 1 | 3.1 kg |
| PC76UD60V30CP11 | K301999 | 600 V | 3000 A | 4980 kA²s | 15700 kA²s | 200 kA | 405 W | 1 | 3.1 kg |
| PC76UD60V32CP11 | M302001 | 600 V | 3200 A | 5720 kA²s | 19030 kA²s | 200 kA | 426 W | 1 | 3.1 kg |
| PC76UD55V36CP11 | N302002 | 550 V | 3600 A | 8170 kA²s | 25200 kA²s | 200 kA | 430 W | 1 | 3.1 kg |



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# Protistor® size 70 gR

PRODUCT RANGE

## 690VAC (IEC)

PC70GB69V250TF

### Size 70 type TTF-with one ISO metric threaded hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC70GB69V50TF | C301279 | 690 V | 50 A | 118 A²s | 700 A²s | 150 kA | 17 W | 3 | 0.34 kg |
| PC70GB69V63TF | D301280 | 690 V | 63 A | 266 A²s | 1600 A²s | 150 kA | 18 W | 3 | 0.34 kg |
| PC70GB69V80TF | E301281 | 690 V | 80 A | 473 A²s | 2800 A²s | 150 kA | 22 W | 3 | 0.34 kg |
| PC70GB69V100TF | F301282 | 690 V | 100 A | 1058 A²s | 6200 A²s | 150 kA | 23 W | 3 | 0.34 kg |
| PC70GB69V160TF | L301310 | 690 V | 160 A | 4232 A²s | 25000 A²s | 150 kA | 29 W | 3 | 0.34 kg |
| PC70GB69V125TF | G301283 | 690 V | 125 A | 1897 A²s | 11200 A²s | 150 kA | 26 W | 3 | 0.34 kg |
| PC70GB69V250TF | N301312 | 690 V | 250 A | 13450 A²s | 79000 A²s | 150 kA | 40 W | 3 | 0.34 kg |
| PC70GB69V200TF | M301311 | 690 V | 200 A | 7540 A²s | 44000 A²s | 150 kA | 34 W | 3 | 0.34 kg |
| PC70GB69V315TF | P301313 | 690 V | 315 A | 24110 A²s | 142000 A²s | 150 kA | 47 W | 3 | 0.34 kg |

### Size 70 type DIN110

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC70GB69V100D1A | Q302027 | 690 V | 100 A | 1058 A²s | 6200 A²s | 150 kA | 23 W | 3 | 0.36 kg |
| PC70GB69V125D1A | S302742 | 690 V | 125 A | 1897 A²s | 11200 A²s | 150 kA | 26 W | 3 | 0.36 kg |
| PC70GB69V160D1A | R301591 | 690 V | 160 A | 4232 A²s | 25000 A²s | 150 kA | 29 W | 3 | 0.36 kg |
| PC70GB69V200D1A | S301592 | 690 V | 200 A | 7540 A²s | 44000 A²s | 150 kA | 34 W | 3 | 0.36 kg |
| PC70GB69V250D1A | Z301943 | 690 V | 250 A | 13448 A²s | 79000 A²s | 150 kA | 40 W | 3 | 0.36 kg |
| PC70GB69V315D1A | J301584 | 690 V | 315 A | 24112 A²s | 142000 A²s | 150 kA | 47 W | 3 | 0.36 kg |
| PC70GB69V350D1A | W302124 | 690 V | 350 A | 40780 A²s | 240000 A²s | 150 kA | 47 W | 3 | 0.36 kg |

PC70GB69V250ESF

### Size 70 type EF for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC70GB69V50ESF | P301290 | 690 V | 50 A | 118 A²s | 700 A²s | 150 kA | 17 W | 3 | 0.4 kg |
| PC70GB69V63ESF | Q301291 | 690 V | 63 A | 266 A²s | 1600 A²s | 150 kA | 18 W | 3 | 0.4 kg |
| PC70GB69V80ESF | E301304 | 690 V | 80 A | 473 A²s | 2800 A²s | 150 kA | 22 W | 3 | 0.4 kg |
| PC70GB69V100ESF | S301293 | 690 V | 100 A | 1058 A²s | 6200 A²s | 150 kA | 23 W | 3 | 0.4 kg |
| PC70GB69V125ESF | F301305 | 690 V | 125 A | 1897 A²s | 11200 A²s | 150 kA | 26 W | 3 | 0.4 kg |
| PC70GB69V160ESF | G301306 | 690 V | 160 A | 4232 A²s | 25000 A²s | 150 kA | 29 W | 3 | 0.4 kg |
| PC70GB69V200ESF | H301307 | 690 V | 200 A | 7540 A²s | 44000 A²s | 150 kA | 34 W | 3 | 0.4 kg |
| PC70GB69V250ESF | J301308 | 690 V | 250 A | 13448 A²s | 79000 A²s | 150 kA | 40 W | 3 | 0.4 kg |

# Protistor® size 71 gR

PRODUCT RANGE

## 690VAC (IEC)

PC71GB69V500TF

### Size 71 type TTF-with one ISO metric threaded hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC71GB69V125TF | Q301314 | 690 V | 125 A | 1.06 kA²s | 6.2 kA²s | 150 kA | 35 W | 3 | 0.51 kg |
| PC71GB69V160TF | R301315 | 690 V | 160 A | 2.39 kA²s | 14 kA²s | 150 kA | 38 W | 3 | 0.51 kg |
| PC71GB69V200TF | S301316 | 690 V | 200 A | 5 kA²s | 29.5 kA²s | 150 kA | 41 W | 3 | 0.51 kg |
| PC71GB69V315TF | N301427 | 690 V | 315 A | 18.4 kA²s | 108 kA²s | 150 kA | 53 W | 3 | 0.51 kg |
| PC71GB69V250TF | T301317 | 690 V | 250 A | 9.58 kA²s | 56 kA²s | 150 kA | 46 W | 3 | 0.51 kg |
| PC71GB69V350TF | V301318 | 690 V | 350 A | 23.2 kA²s | 140 kA²s | 150 kA | 58 W | 3 | 0.51 kg |
| PC71GB69V400TF | W301319 | 690 V | 400 A | 38.3 kA²s | 225 kA²s | 150 kA | 59 W | 3 | 0.51 kg |
| PC71GB69V500TF | S301707 | 690 V | 500 A | 78.1 kA²s | 460 kA²s | 150 kA | 64 W | 3 | 0.51 kg |

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# Protistor® size 71 gR

PRODUCT RANGE

## 690VAC (IEC)

### Size 71 type DIN110

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC71GB69V125D1A | B302658 | 690 V | 125 A | 1.06 kA²s | 6.2 kA²s | 150 kA | 35 W | 3 | 0.52 kg |
| PC71GB69V160D1A | C302659 | 690 V | 160 A | 2.39 kA²s | 14 kA²s | 150 kA | 38 W | 3 | 0.52 kg |
| PC71GB69V200D1A | C302682 | 690 V | 200 A | 5 kA²s | 29.5 kA²s | 150 kA | 42 W | 3 | 0.52 kg |
| PC71GB69V250D1A | R302143 | 690 V | 250 A | 9.58 kA²s | 56 kA²s | 150 kA | 48 W | 3 | 0.52 kg |
| PC71GB69V450D1A | R301637 | 690 V | 450 A | 61.7 kA²s | 360 kA²s | 150 kA | 61 W | 3 | 0.52 kg |
| PC71GB69V500D1A | A301737 | 690 V | 500 A | 78.1 kA²s | 460 kA²s | 150 kA | 67 W | 3 | 0.52 kg |

PC71GB69V500EF

### Size 71 type EF for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC71GB69V160EF | Z301322 | 690 V | 160 A | 2.39 kA²s | 14 kA²s | 150 kA | 38 W | 3 | 0.54 kg |
| PC71GB69V200EF | A301323 | 690 V | 200 A | 5 kA²s | 29.5 kA²s | 150 kA | 42 W | 3 | 0.54 kg |
| PC71GB69V250EF | B301324 | 690 V | 250 A | 9.58 kA²s | 56 kA²s | 150 kA | 48 W | 3 | 0.54 kg |
| PC71GB69V350EF | C301325 | 690 V | 350 A | 23.2 kA²s | 140 kA²s | 150 kA | 60 W | 3 | 0.54 kg |
| PC71GB69V400EF | D301326 | 690 V | 400 A | 38.3 kA²s | 225 kA²s | 150 kA | 61 W | 3 | 0.54 kg |
| PC71GB69V500EF | G301858 | 690 V | 500 A | 78.1 kA²s | 460 kA²s | 150 kA | 67 W | 3 | 0.54 kg |

# Protistor® size 72 gR

PRODUCT RANGE

## 690VAC (IEC)

PC72GB69V700TF

### Size 72 type TTF-with one ISO metric threaded hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC72GB69V200TF | F301328 | 690 V | 200 A | 4.2 kA²s | 25 kA²s | 150 kA | 45 W | 3 | 0.74 kg |
| PC72GB69V250TF | G301329 | 690 V | 250 A | 8.6 kA²s | 50 kA²s | 150 kA | 49 W | 3 | 0.74 kg |
| PC72GB69V315TF | H301330 | 690 V | 315 A | 17 kA²s | 100 kA²s | 150 kA | 55 W | 3 | 0.74 kg |
| PC72GB69V350TF | W301710 | 690 V | 350 A | 23.2 kA²s | 140 kA²s | 150 kA | 58 W | 3 | 0.74 kg |
| PC72GB69V400TF | J301331 | 690 V | 400 A | 34.1 kA²s | 200 kA²s | 150 kA | 63 W | 3 | 0.74 kg |
| PC72GB69V450TF | X301711 | 690 V | 450 A | 47.3 kA²s | 280 kA²s | 150 kA | 67 W | 3 | 0.74 kg |
| PC72GB69V500TF | K301332 | 690 V | 500 A | 68 kA²s | 400 kA²s | 150 kA | 69 W | 3 | 0.74 kg |
| PC72GB69V550TF | L301333 | 690 V | 550 A | 84.1 kA²s | 495 kA²s | 150 kA | 75 W | 3 | 0.74 kg |
| PC72GB69V630TF | M301334 | 690 V | 630 A | 123.8 kA²s | 730 kA²s | 150 kA | 81 W | 3 | 0.74 kg |
| PC72GB69V700TF | Y301712 | 690 V | 700 A | 154.8 kA²s | 910 kA²s | 150 kA | 89 W | 3 | 0.74 kg |

### Size 72 type DIN110

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC72GB69V250D1A | T302697 | 690 V | 250 A | 8.6 kA²s | 50 kA²s | 150 kA | 50 W | 3 | 0.73 kg |
| PC72GB69V315D1A | V302698 | 690 V | 315 A | 17 kA²s | 100 kA²s | 150 kA | 57 W | 3 | 0.73 kg |
| PC72GB69V350D1A | E302500 | 690 V | 350 A | 23.2 kA²s | 140 kA²s | 150 kA | 60 W | 3 | 0.73 kg |
| PC72GB69V400D1A | V302215 | 690 V | 400 A | 34.1 kA²s | 200 kA²s | 150 kA | 65 W | 3 | 0.73 kg |
| PC72GB69V450D1A | Q302671 | 690 V | 450 A | 47.3 kA²s | 280 kA²s | 150 kA | 70 W | 3 | 0.73 kg |
| PC72GB69V550D1A | L301724 | 690 V | 550 A | 84.1 kA²s | 495 kA²s | 150 kA | 78 W | 3 | 0.73 kg |
| PC72GB69V630D1A | J1001888 | 690 V | 630 A | 123.8 kA²s | 730 kA²s | 150 kA | 86 W | 3 | 0.73 kg |



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# Protistor® size 72 gR

PRODUCT RANGE

## 690VAC (IEC)

PC72GB69V630EF

### Size 72 type EF for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| PC72GB69V200EF | N301335 | 690 V | 200 A | 4.2 kA²s | 25 kA²s | 150 kA | 45 W | 3 | 0.76 kg |
| PC72GB69V250EF | P301336 | 690 V | 250 A | 8.6 kA²s | 50 kA²s | 150 kA | 50 W | 3 | 0.76 kg |
| PC72GB69V315EF | Q301337 | 690 V | 315 A | 17 kA²s | 100 kA²s | 150 kA | 57 W | 3 | 0.76 kg |
| PC72GB69V400EF | R301338 | 690 V | 400 A | 23.2 kA²s | 140 kA²s | 150 kA | 65 W | 3 | 0.76 kg |
| PC72GB69V500EF | S301339 | 690 V | 500 A | 34.1 kA²s | 200 kA²s | 150 kA | 72 W | 3 | 0.76 kg |
| PC72GB69V550EF | T301340 | 690 V | 550 A | 84.1 kA²s | 495 kA²s | 150 kA | 78 W | 3 | 0.76 kg |
| PC72GB69V630EF | V301341 | 690 V | 630 A | 123.8 kA²s | 730 kA²s | 150 kA | 86 W | 3 | 0.76 kg |

PRODUCT RANGE

# Protistor® size 73 gR

## 690VAC (IEC)

PC73GB69V630TF

### Size 73 type TTF-with one ISO metric threaded hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | |
| PC73GB69V315TF | W301342 | 690 V | 315 A | 11.8 kA²s | 69 kA²s | 150 kA | 66 W | 1 | 1.22 kg |
| PC73GB69V350TF | B301715 | 690 V | 350 A | 17 kA²s | 100 kA²s | 150 kA | 68 W | 1 | 1.22 kg |
| PC73GB69V400TF | X301343 | 690 V | 400 A | 26.5 kA²s | 160 kA²s | 150 kA | 71 W | 1 | 1.22 kg |
| PC73GB69V450TF | Y301344 | 690 V | 450 A | 34.1 kA²s | 200 kA²s | 150 kA | 79 W | 1 | 1.22 kg |
| PC73GB69V500TF | C301716 | 690 V | 500 A | 47.3 kA²s | 280 kA²s | 150 kA | 84 W | 1 | 1.22 kg |
| PC73GB69V550TF | Z301345 | 690 V | 550 A | 68 kA²s | 400 kA²s | 150 kA | 84 W | 1 | 1.22 kg |
| PC73GB69V630TF | A301346 | 690 V | 630 A | 101.6 kA²s | 600 kA²s | 150 kA | 89 W | 1 | 1.22 kg |
| PC73GB69V700TF | B301347 | 690 V | 700 A | 138.9 kA²s | 820 kA²s | 150 kA | 94 W | 1 | 1.22 kg |
| PC73GB69V800TF | D301717 | 690 V | 800 A | 226.8 kA²s | 1330 kA²s | 150 kA | 96 W | 1 | 1.22 kg |
| PC73GB69V900TF | S301638 | 690 V | 900 A | 278.8 kA²s | 1640 kA²s | 150 kA | 109 W | 1 | 1.22 kg |
| PC73GB69V10CTF | F301719 | 690 V | 1000 A | 385.7 kA²s | 2270 kA²s | 150 kA | 115 W | 1 | 1.22 kg |

PC73GB69V800D1A

### Size 73 type DIN110

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | |
| PC73GB69V450D1A | W236298 | 690 V | 450 A | 34.1 kA²s | 200 kA²s | 150 kA | 82 W | 1 | 1.12 kg |
| PC73GB69V500D1A | W302216 | 690 V | 500 A | 47.3 kA²s | 280 kA²s | 150 kA | 86 W | 1 | 1.12 kg |
| PC73GB69V550D1A | R302672 | 690 V | 550 A | 68 kA²s | 400 kA²s | 150 kA | 87 W | 1 | 1.12 kg |
| PC73GB69V630D1A | X236299 | 690 V | 630 A | 101.6 kA²s | 600 kA²s | 150 kA | 94 W | 1 | 1.12 kg |
| PC73GB69V700D1A | F301765 | 690 V | 700 A | 138.9 kA²s | 820 kA²s | 150 kA | 100 W | 1 | 1.12 kg |
| PC73GB69V800D1A | B236073 | 690 V | 800 A | 226.8 kA²s | 1330 kA²s | 150 kA | 104 W | 1 | 1.12 kg |
| **Reinforced Terminal** | | | | | | | | | |
| PC73GB69V10CD1A | S302673 | 690 V | 1000 A | 385.7 kA²s | 2270 kA²s | 150 kA | 127 W | 1 | 1.12 kg |

PC73GB69V700EF

### Size 73 type EF for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| **Standard Terminal** | | | | | | | | | |
| PC73GB69V315EF | C301348 | 690 V | 315 A | 11.8 kA²s | 69 kA²s | 150 kA | 67 W | 1 | 1.11 kg |
| PC73GB69V400EF | D301349 | 690 V | 400 A | 26.5 kA²s | 160 kA²s | 150 kA | 73 W | 1 | 1.11 kg |
| PC73GB69V450EF | E301350 | 690 V | 450 A | 34.1 kA²s | 200 kA²s | 150 kA | 82 W | 1 | 1.11 kg |
| PC73GB69V550EF | F301351 | 690 V | 550 A | 68 kA²s | 400 kA²s | 150 kA | 87 W | 1 | 1.11 kg |
| PC73GB69V630EF | G301352 | 690 V | 630 A | 101.6 kA²s | 600 kA²s | 150 kA | 94 W | 1 | 1.11 kg |
| PC73GB69V700EF | H301353 | 690 V | 700 A | 138.9 kA²s | 820 kA²s | 150 kA | 100 W | 1 | 1.11 kg |

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# Microswitches for Protistor® fuse-links

PRODUCT RANGE

## Microswitches for fuses sizes 30 to 33 and 70 to 73

MS3V1-5

### Microswitches for fuse sizes 30-31-32-33, with striker

| Catalog number | Item number | Rated voltage AC (IEC) [1] | Rated current $I_n$ | AC voltage withstand test [2] | Impulse withstand voltage $U_{imp}$ 1.2/50µs [3] | Indication System | Minimum positive operating voltage / current | Breaking capacity, Non inductive circuit, 30V / 110V / 250V | Breaking capacity, Inductive circuit: L/R=25ms, 30V / 110V / 250V | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| MS3V1-5 | X310014 | 1000 V | 10 A | 8.5 kV | 14 kV | Standard NO-NC | 20V, 100mA | 10A / 10A / 10A | 10A / 10A / 10A | 34 g |
| MS3V1-5UR | Y310038 | 1000 V | 10 A | 8.5 kV | 14 kV | Standard NO-NC | 20V, 100mA | 10A / 10A / 10A | 10A / 10A / 10A | 34 g |
| MS3V1-5BS | W310013 | 1000 V | 3 A | 8.5 kV | 14 kV | Low level NO-NC | 10V, 10mA | 3A / 3A / 3A | 2A / 1A / 1A | 34 g |
| MS3V1-9BS | T310011 | 1000 V | 3 A | 8.5 kV | 14 kV | Double pole Low level | 10V, 10mA | 3A / 3A / 3A | 2A / 1A / 1A | 34 g |
| MS3V1-5ETANCHE | R310009 | 1000 V | 3 A | 8.5 kV | 14 kV | Low level NO-NC IP 50 | 10V, 10mA | 3A / 3A / 3A | 2A / 1A / 1A | 34 g |

[1] Between power circuit and microswitch terminals

[2] Between power circuit and microswitch terminals as per IEC 60 and 694 and NFC 64010 (50/60 Hz 1 min duration in dry air)

[3] Between power circuit and microswitch terminals Uimp: impulse voltage as per IEC 60947-1

MS7V1-5

### Microswitches for fuses sizes 70-71-72-73, with striker

| Catalog number | Item number | Rated voltage AC (IEC) [1] | Rated current $I_n$ | AC voltage withstand test [2] | Impulse withstand voltage $U_{imp}$ 1.2/50µs [3] | Indication System | Minimum positive operating voltage / current | Breaking capacity, Non inductive circuit, 30V / 110V / 250V | Breaking capacity, Inductive circuit: L/R=25ms, 30V / 110V / 250V | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| MS7V1-5 | J310002 | 1500 V | 10 A | 12 kV | 20 kV | Standard NO-NC | 20V, 100mA | 8A / 0.4A / 0.2A | 4A / 0.2A / 0.1A | 45 g |
| MS7V1-5UR | Z310039 | 1500 V | 10 A | 12 kV | 20 kV | Standard NO-NC | 20V, 100mA | 8A / 0.4A / 0.2A | 4A / 0.2A / 0.1A | 45 g |
| MS7V1-5BSUR | K310003 | 1500 V | 3 A | 12 kV | 20 kV | Low level NO-NC | 10V, 10mA | 3A / 0.5A / 0.25A | 3A / 0.2A / 0.1A | 45 g |
| MS7V1-9BS | P310007 | 1500 V | 3 A | 12 kV | 20 kV | Double pole Low level | 10V, 10mA | 3A / 0.5A / 0.25A | 3A / 0.2A / 0.1A | 45 g |
| MS7V1-5ETANCHE | S310010 | 1500 V | 3 A | 12 kV | 20 kV | Low level NO-NC IP 50 | 10V, 10mA | 2A / 0.2A / - | 3A / 0.5A / - | 45 g |

[1] Between power circuit and microswitch terminals

[2] Between power circuit and microswitch terminals as per IEC 60 and 694 and NFC 64010 (50/60 Hz 1 min duration in dry air)

[3] Between power circuit and microswitch terminals Uimp: impulse voltage as per IEC 60947-1



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# Protistor® size 000/00 aR

PRODUCT RANGE

## 500 to 690VAC (IEC) / 700VAC (UL)

DN000UB69V315

### Size 000 DIN80, vertical body, without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| DN000UB69V80 | K330036 | 690 V | 80 A | 390 A²s | 2500 A²s | 200 kA | 21 W | 6 | 0.13 kg |
| DN000UB69V100 | L330037 | 690 V | 100 A | 690 A²s | 4200 A²s | 200 kA | 23 W | 6 | 0.13 kg |
| DN000UB69V125 | M330038 | 690 V | 125 A | 1310 A²s | 8900 A²s | 200 kA | 26 W | 6 | 0.13 kg |
| DN000UB69V160 | N330039 | 690 V | 160 A | 2680 A²s | 16000 A²s | 200 kA | 31 W | 6 | 0.13 kg |
| DN000UB69V200 | P330040 | 690 V | 200 A | 5250 A²s | 31500 A²s | 200 kA | 36 W | 6 | 0.13 kg |
| DN000UB69V250 | Q330041 | 690 V | 250 A | 9860 A²s | 52000 A²s | 200 kA | 45 W | 6 | 0.13 kg |
| DN000UB69V315 | R330042 | 690 V | 315 A | 15420 A²s | 82000 A²s | 200 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V350 | V330114 | 500 V | 350 A | 22400 A²s | 110000 A²s | 120 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V400 | D330191 | 500 V | 400 A | 33180 A²s | 160000 A²s | 120 kA | 66 W | 6 | 0.13 kg |

DN000UB69V160V

### Size 000 DIN80, vertical body, with indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| DN000UB69V80V | W330023 | 690 V | 80 A | 390 A²s | 2500 A²s | 200 kA | 21 W | 6 | 0.13 kg |
| DN000UB69V100V | X330024 | 690 V | 100 A | 690 A²s | 4200 A²s | 200 kA | 23 W | 6 | 0.13 kg |
| DN000UB69V125V | Y330025 | 690 V | 125 A | 1310 A²s | 8900 A²s | 200 kA | 26 W | 6 | 0.13 kg |
| DN000UB69V160V | Z330026 | 690 V | 160 A | 2680 A²s | 16000 A²s | 200 kA | 31 W | 6 | 0.13 kg |
| DN000UB69V200V | A330027 | 690 V | 200 A | 5250 A²s | 31500 A²s | 200 kA | 36 W | 6 | 0.13 kg |
| DN000UB69V250V | B330028 | 690 V | 250 A | 9860 A²s | 52000 A²s | 200 kA | 45 W | 6 | 0.13 kg |
| DN000UB69V315V | C330029 | 690 V | 315 A | 15420 A²s | 82000 A²s | 200 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V350V | W330115 | 500 V | 350 A | 22400 A²s | 110000 A²s | 120 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V400V | E330192 | 500 V | 400 A | 33180 A²s | 160000 A²s | 120 kA | 66 W | 6 | 0.13 kg |

DN000UB50V400L

### Size 000 DIN80, vertical body, for monitoring micro-contact

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| DN000UB69V80L | T330182 | 690 V | 80 A | 390 A²s | 2500 A²s | 200 kA | 21 W | 6 | 0.13 kg |
| DN000UB69V100L | V330183 | 690 V | 100 A | 690 A²s | 4200 A²s | 200 kA | 23 W | 6 | 0.13 kg |
| DN000UB69V125L | W330184 | 690 V | 125 A | 1310 A²s | 8900 A²s | 200 kA | 26 W | 6 | 0.13 kg |
| DN000UB69V160L | X330185 | 690 V | 160 A | 2680 A²s | 16000 A²s | 200 kA | 31 W | 6 | 0.13 kg |
| DN000UB69V200L | Y330186 | 690 V | 200 A | 5250 A²s | 31500 A²s | 200 kA | 36 W | 6 | 0.13 kg |
| DN000UB69V250L | Z330187 | 690 V | 250 A | 9860 A²s | 52000 A²s | 200 kA | 45 W | 6 | 0.13 kg |
| DN000UB69V315L | A330188 | 690 V | 315 A | 15420 A²s | 82000 A²s | 200 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V350L | B330189 | 500 V | 350 A | 22400 A²s | 110000 A²s | 120 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V400L | F330193 | 500 V | 400 A | 33180 A²s | 160000 A²s | 120 kA | 66 W | 6 | 0.13 kg |

BS000UB50V400

### Size 000 BS88, horizontal body, without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| BS000UB69V75 | B330051 | 690 V | 75 A | 340 A²s | 2250 A²s | 200 kA | 20.5 W | 3 | 0.14 kg |
| BS000UB69V80 | C330052 | 690 V | 80 A | 390 A²s | 2500 A²s | 200 kA | 21 W | 3 | 0.14 kg |
| BS000UB69V100 | D330053 | 690 V | 100 A | 690 A²s | 4200 A²s | 200 kA | 23 W | 3 | 0.14 kg |
| BS000UB69V110 | E330100 | 690 V | 110 A | 950 A²s | 6800 A²s | 200 kA | 24.5 W | 3 | 0.14 kg |
| BS000UB69V125 | E330054 | 690 V | 125 A | 1310 A²s | 8900 A²s | 200 kA | 26 W | 3 | 0.14 kg |
| BS000UB69V160 | F330055 | 690 V | 160 A | 2680 A²s | 16000 A²s | 200 kA | 31 W | 3 | 0.14 kg |
| BS000UB69V200 | G330056 | 690 V | 200 A | 5250 A²s | 31500 A²s | 200 kA | 36 W | 3 | 0.14 kg |
| BS000UB69V250 | H330057 | 690 V | 250 A | 9860 A²s | 52000 A²s | 200 kA | 45 W | 3 | 0.14 kg |
| BS000UB69V315 | J330058 | 690 V | 315 A | 15420 A²s | 82000 A²s | 200 kA | 58 W | 3 | 0.14 kg |
| BS000UB50V350 | X330116 | 500 V | 350 A | 22400 A²s | 110000 A²s | 120 kA | 58 W | 3 | 0.14 kg |
| BS000UB50V400 | G330194 | 500 V | 400 A | 33180 A²s | 160000 A²s | 120 kA | 66 W | 3 | 0.14 kg |

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# Protistor® size 000/00 aR

PRODUCT RANGE

## 500 to 690VAC (IEC) / 700VAC (UL)

BS000UB69V315P

### Size 000 BS88, horizontal body, with indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| BS000UB69V75P | H330126 | 690 V | 75 A | 340 A²s | 2250 A²s | 200 kA | 20.5 W | 3 | 0.16 kg |
| BS000UB69V80P | J330127 | 690 V | 80 A | 390 A²s | 2500 A²s | 200 kA | 21 W | 3 | 0.16 kg |
| BS000UB69V100P | K330128 | 690 V | 100 A | 690 A²s | 4200 A²s | 200 kA | 23 W | 3 | 0.16 kg |
| BS000UB69V110P | L330129 | 690 V | 110 A | 950 A²s | 6800 A²s | 200 kA | 24.5 W | 3 | 0.16 kg |
| BS000UB69V125P | M330130 | 690 V | 125 A | 1310 A²s | 8900 A²s | 200 kA | 26 W | 3 | 0.16 kg |
| BS000UB69V160P | P330132 | 690 V | 160 A | 2680 A²s | 16000 A²s | 200 kA | 31 W | 3 | 0.16 kg |
| BS000UB69V200P | Q330133 | 690 V | 200 A | 5250 A²s | 31500 A²s | 200 kA | 36 W | 3 | 0.16 kg |
| BS000UB69V250P | R330134 | 690 V | 250 A | 9860 A²s | 52000 A²s | 200 kA | 45 W | 3 | 0.16 kg |
| BS000UB69V315P | S330135 | 500 V | 315 A | 15420 A²s | 82000 A²s | 200 kA | 58 W | 3 | 0.16 kg |
| BS000UB50V350P | T330136 | 500 V | 350 A | 22400 A²s | 110000 A²s | 120 kA | 58 W | 3 | 0.16 kg |
| BS000UB50V400P | H330195 | 500 V | 400 A | 33180 A²s | 160000 A²s | 120 kA | 66 W | 3 | 0.16 kg |

DN00UB69V400L

### Size 00 DIN80, vertical body, for monitoring micro-contact

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| DN00UB69V16L | V330275 | 690 V | 16 A | 7 A²s | 52 A²s | 200 kA | 7 W | 3 | 0.20 kg |
| DN00UB69V20L | T330274 | 690 V | 20 A | 10 A²s | 75 A²s | 200 kA | 9 W | 3 | 0.20 kg |
| DN00UB69V25L | M330268 | 690 V | 25 A | 15 A²s | 120 A²s | 200 kA | 11 W | 3 | 0.20 kg |
| DN00UB69V32L | N330269 | 690 V | 32 A | 32 A²s | 210 A²s | 200 kA | 15 W | 3 | 0.20 kg |
| DN00UB69V40L | P330270 | 690 V | 40 A | 61 A²s | 400 A²s | 200 kA | 18 W | 3 | 0.20 kg |
| DN00UB69V50L | Q330271 | 690 V | 50 A | 102 A²s | 700 A²s | 200 kA | 21 W | 3 | 0.20 kg |
| DN00UB69V63L | R330272 | 690 V | 63 A | 177 A²s | 1200 A²s | 200 kA | 23 W | 3 | 0.20 kg |
| DN00UB69V80L | D330237 | 690 V | 80 A | 390 A²s | 2200 A²s | 200 kA | 25 W | 3 | 0.20 kg |
| DN00UB69V100L | E330238 | 690 V | 100 A | 692 A²s | 3900 A²s | 200 kA | 28 W | 3 | 0.20 kg |
| DN00UB69V125L | F330239 | 690 V | 125 A | 1170 A²s | 6600 A²s | 200 kA | 33 W | 3 | 0.20 kg |
| DN00UB69V160L | G330240 | 690 V | 160 A | 2680 A²s | 14000 A²s | 200 kA | 36 W | 3 | 0.20 kg |
| DN00UB69V200L | H330241 | 690 V | 200 A | 4690 A²s | 24000 A²s | 200 kA | 42 W | 3 | 0.20 kg |
| DN00UB69V250L | J330242 | 690 V | 250 A | 8300 A²s | 42500 A²s | 200 kA | 50 W | 3 | 0.20 kg |
| DN00UB69V315L | K330243 | 690 V | 315 A | 17520 A²s | 81000 A²s | 200 kA | 58 W | 3 | 0.20 kg |
| DN00UB69V350L | L330244 | 690 V | 350 A | 25450 A²s | 118000 A²s | 200 kA | 60 W | 3 | 0.20 kg |
| DN00UB69V400L | M330245 | 690 V | 400 A | 33180 A²s | 150000 A²s | 200 kA | 70 W | 3 | 0.20 kg |

DN00UB69V400D1L

### Size 00 DIN110, vertical body, for monitoring micro-contact

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|
| DN00UB69V80D1L | A330257 | 690 V | 80 A | 390 A²s | 2200 A²s | 200 kA | 25 W | 3 | 0.24 kg |
| DN00UB69V100D1L | B330258 | 690 V | 100 A | 692 A²s | 3900 A²s | 200 kA | 28 W | 3 | 0.24 kg |
| DN00UB69V125D1L | C330259 | 690 V | 125 A | 1170 A²s | 6600 A²s | 200 kA | 33 W | 3 | 0.24 kg |
| DN00UB69V160D1L | D330260 | 690 V | 160 A | 2680 A²s | 14000 A²s | 200 kA | 36 W | 3 | 0.24 kg |
| DN00UB69V200D1L | E330261 | 690 V | 200 A | 4690 A²s | 24000 A²s | 200 kA | 42 W | 3 | 0.24 kg |
| DN00UB69V250D1L | F330262 | 690 V | 250 A | 8300 A²s | 42500 A²s | 200 kA | 50 W | 3 | 0.24 kg |
| DN00UB69V315D1L | G330263 | 690 V | 315 A | 17520 A²s | 81000 A²s | 200 kA | 58 W | 3 | 0.24 kg |
| DN00UB69V350D1L | H330264 | 690 V | 350 A | 25450 A²s | 118000 A²s | 200 kA | 60 W | 3 | 0.24 kg |
| DN00UB69V400D1L | J330265 | 690 V | 400 A | 33180 A²s | 150000 A²s | 200 kA | 70 W | 3 | 0.24 kg |



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# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

PRODUCT RANGE

## 690VAC (IEC) / 700VAC (UL)

NH000UD69V200PV

### Size 000 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH000UD69V16PV | P320035 | 690 V | 700 V | 16 A | 8 A²s | 50 A²s | 80 kA | 2.8 W | 3 | 0.13 kg |
| NH000UD69V20PV | R320037 | 690 V | 700 V | 20 A | 15 A²s | 90 A²s | 80 kA | 2.8 W | 3 | 0.13 kg |
| NH000UD69V25PV | T320039 | 690 V | 700 V | 25 A | 21 A²s | 130 A²s | 80 kA | 4.2 W | 3 | 0.13 kg |
| NH000UD69V32PV | Y320043 | 690 V | 700 V | 32 A | 46 A²s | 270 A²s | 80 kA | 5.5 W | 3 | 0.13 kg |
| NH000UD69V40PV | C320047 | 690 V | 700 V | 40 A | 67 A²s | 400 A²s | 80 kA | 5.5 W | 3 | 0.13 kg |
| NH000UD69V50PV | G320051 | 690 V | 700 V | 50 A | 110 A²s | 630 A²s | 80 kA | 9.7 W | 3 | 0.13 kg |
| NH000UD69V63PV | L320055 | 690 V | 700 V | 63 A | 216 A²s | 1300 A²s | 80 kA | 12.5 W | 3 | 0.13 kg |
| NH000UD69V80PV | Q320059 | 690 V | 700 V | 80 A | 348 A²s | 2000 A²s | 80 kA | 16.7 W | 3 | 0.13 kg |
| NH000UD69V100PV | V320063 | 690 V | 700 V | 100 A | 722 A²s | 4300 A²s | 80 kA | 19.4 W | 3 | 0.13 kg |
| NH000UD69V125PV | X320065 | 690 V | 700 V | 125 A | 1390 A²s | 8200 A²s | 80 kA | 20.8 W | 3 | 0.13 kg |
| NH000UD69V160PV | B320069 | 690 V | 700 V | 160 A | 2080 A²s | 12200 A²s | 80 kA | 30.5 W | 3 | 0.13 kg |
| NH000UD69V200PV | D320071 | 690 V | 700 V | 200 A | 3870 A²s | 22700 A²s | 80 kA | 36.1 W | 3 | 0.13 kg |
| NH000UD69V250PV | H320075 | 690 V | 700 V | 250 A | 7540 A²s | 44400 A²s | 80 kA | 44.1 W | 3 | 0.13 kg |
| NH000UD50V315PV | M320079 | 500 V | 550 V | 315 A | 15400 A²s | 90700 A²s | 80 kA | 60.2 W | 3 | 0.13 kg |

NH00UD69V125PV

### Size 00 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH00UD69V20PV | A320137 | 690 V | 700 V | 20 A | 16 A²s | 90 A²s | 170 kA | 2.8 W | 3 | 0.2 kg |
| NH00UD69V25PV | C320139 | 690 V | 700 V | 25 A | 21 A²s | 130 A²s | 170 kA | 4.2 W | 3 | 0.2 kg |
| NH00UD69V32PV | G320143 | 690 V | 700 V | 32 A | 46 A²s | 270 A²s | 170 kA | 5.5 W | 3 | 0.2 kg |
| NH00UD69V40PV | L320147 | 690 V | 700 V | 40 A | 67 A²s | 400 A²s | 170 kA | 8.3 W | 3 | 0.2 kg |
| NH00UD69V50PV | Q320151 | 690 V | 700 V | 50 A | 110 A²s | 630 A²s | 170 kA | 9.7 W | 3 | 0.2 kg |
| NH00UD69V63PV | V320155 | 690 V | 700 V | 63 A | 216 A²s | 1300 A²s | 170 kA | 12.5 W | 3 | 0.2 kg |
| NH00UD69V80PV | Z320159 | 690 V | 700 V | 80 A | 348 A²s | 2000 A²s | 170 kA | 16.7 W | 3 | 0.2 kg |
| NH00UD69V100PV | D320163 | 690 V | 700 V | 100 A | 722 A²s | 4300 A²s | 170 kA | 19.4 W | 3 | 0.2 kg |
| NH00UD69V125PV | F320165 | 690 V | 700 V | 125 A | 1390 A²s | 8200 A²s | 170 kA | 20.8 W | 3 | 0.2 kg |
| NH00UD69V160PV | K320169 | 690 V | 700 V | 160 A | 2070 A²s | 12200 A²s | 170 kA | 30.5 W | 3 | 0.2 kg |
| NH00UD69V200PV | M320171 | 690 V | 700 V | 200 A | 3870 A²s | 22700 A²s | 170 kA | 36.1 W | 3 | 0.2 kg |
| NH00UD69V250PV | R320175 | 690 V | 700 V | 250 A | 7540 A²s | 44400 A²s | 170 kA | 44.4 W | 3 | 0.2 kg |
| NH00UD69V315PV | W320179 | 690 V | 700 V | 315 A | 15400 A²s | 90700 A²s | 170 kA | 60 W | 3 | 0.2 kg |

NH0UD69V315PV

### Size 0 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH0UD69V32PV | Q320243 | 690 V | 700 V | 32 A | 32 A²s | 170 A²s | 170 kA | 19.4 W | 3 | 0.27 kg |
| NH0UD69V40PV | V320247 | 690 V | 700 V | 40 A | 54 A²s | 280 A²s | 170 kA | 20.8 W | 3 | 0.27 kg |
| NH0UD69V50PV | Z320251 | 690 V | 700 V | 50 A | 87 A²s | 470 A²s | 170 kA | 20.8 W | 3 | 0.27 kg |
| NH0UD69V63PV | D320255 | 690 V | 700 V | 63 A | 128 A²s | 700 A²s | 170 kA | 23.6 W | 3 | 0.27 kg |
| NH0UD69V80PV | H320259 | 690 V | 700 V | 80 A | 184 A²s | 970 A²s | 170 kA | 25 W | 3 | 0.27 kg |
| NH0UD69V100PV | M320263 | 690 V | 700 V | 100 A | 392 A²s | 2080 A²s | 170 kA | 30.5 W | 3 | 0.27 kg |
| NH0UD69V125PV | P320265 | 690 V | 700 V | 125 A | 722 A²s | 3890 A²s | 170 kA | 36.1 W | 3 | 0.27 kg |
| NH0UD69V160PV | T320269 | 690 V | 700 V | 160 A | 1550 A²s | 8320 A²s | 170 kA | 44.4 W | 3 | 0.27 kg |
| NH0UD69V200PV | W320271 | 690 V | 700 V | 200 A | 2950 A²s | 15900 A²s | 170 kA | 54.2 W | 3 | 0.27 kg |
| NH0UD69V250PV | A320275 | 690 V | 700 V | 250 A | 5580 A²s | 29900 A²s | 170 kA | 66.7 W | 3 | 0.27 kg |
| NH0UD69V315PV | E320279 | 690 V | 700 V | 315 A | 11600 A²s | 62300 A²s | 170 kA | 80 W | 3 | 0.27 kg |

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# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

PRODUCT RANGE

## 690VAC (IEC) / 700VAC (UL)

NH1UD69V315PV

### Size 1 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH1UD69V63PV | M320355 | 690 V | 700 V | 63 A | 128 A²s | 700 A²s | 170 kA | 36.1 W | 3 | 0.42 kg |
| NH1UD69V80PV | K320399 | 690 V | 700 V | 80 A | 216 A²s | 1170 A²s | 170 kA | 43 W | 3 | 0.42 kg |
| NH1UD69V100PV | W320363 | 690 V | 700 V | 100 A | 288 A²s | 1570 A²s | 170 kA | 45.8 W | 3 | 0.42 kg |
| NH1UD69V125PV | Y320365 | 690 V | 700 V | 125 A | 620 A²s | 3320 A²s | 170 kA | 53 W | 3 | 0.42 kg |
| NH1UD69V160PV | C320369 | 690 V | 700 V | 160 A | 1170 A²s | 6270 A²s | 170 kA | 58 W | 3 | 0.42 kg |
| NH1UD69V200PV | E320371 | 690 V | 700 V | 200 A | 2480 A²s | 13300 A²s | 170 kA | 66.7 W | 3 | 0.42 kg |
| NH1UD69V250PV | J320375 | 690 V | 700 V | 250 A | 4690 A²s | 25100 A²s | 170 kA | 75 W | 3 | 0.42 kg |
| NH1UD69V315PV | N320379 | 690 V | 700 V | 315 A | 9580 A²s | 51400 A²s | 170 kA | 83 W | 3 | 0.42 kg |
| NH1UD69V350PV | P320380 | 690 V | 700 V | 350 A | 13500 A²s | 72300 A²s | 170 kA | 89 W | 3 | 0.42 kg |
| NH1UD69V400PV | S320383 | 690 V | 700 V | 400 A | 19500 A²s | 105000 A²s | 170 kA | 97 W | 3 | 0.42 kg |

NH2UD69V500PV

### Size 2 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH2UD69V160PV | L320469 | 690 V | 700 V | 160 A | 0.968 kA²s | 5.18 kA²s | 170 kA | 75 W | 3 | 0.62 kg |
| NH2UD69V200PV | N320471 | 690 V | 700 V | 200 A | 1.71 kA²s | 9.22 kA²s | 170 kA | 83 W | 3 | 0.62 kg |
| NH2UD69V250PV | S320475 | 690 V | 700 V | 250 A | 3.5 kA²s | 18.7 kA²s | 170 kA | 93 W | 3 | 0.62 kg |
| NH2UD69V315PV | X320479 | 690 V | 700 V | 315 A | 6.87 kA²s | 36.9 kA²s | 170 kA | 108 W | 3 | 0.62 kg |
| NH2UD69V350PV | Y320480 | 690 V | 700 V | 350 A | 9.58 kA²s | 51.4 kA²s | 170 kA | 116 W | 3 | 0.62 kg |
| NH2UD69V400PV | B320483 | 690 V | 700 V | 400 A | 13.5 kA²s | 72.3 kA²s | 170 kA | 125 W | 3 | 0.62 kg |
| NH2UD69V450PV | D320485 | 690 V | 700 V | 450 A | 21 kA²s | 113 kA²s | 170 kA | 139 W | 3 | 0.62 kg |
| NH2UD69V500PV | F320487 | 690 V | 700 V | 500 A | 27.5 kA²s | 147 kA²s | 170 kA | 147 W | 3 | 0.62 kg |
| NH2UD69V550PV | G320488 | 690 V | 700 V | 550 A | 38.4 kA²s | 206 kA²s | 170 kA | 155 W | 3 | 0.62 kg |
| NH2UD69V630PV | H320489 | 690 V | 700 V | 630 A | 58.6 kA²s | 315 kA²s | 170 kA | 169 W | 3 | 0.62 kg |
| NH2UD69V700PV | J320490 | 690 V | 700 V | 700 A | 78.1 kA²s | 420 kA²s | 170 kA | 175 W | 3 | 0.62 kg |

NH3UD69V700PV

### Size 3 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissi-pation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH3UD69V315PV | F320579 | 690 V | 700 V | 315 A | 5.24 kA²s | 28.2 kA²s | 170 kA | 113 W | 1 | 1.05 kg |
| NH3UD69V350PV | G320580 | 690 V | 700 V | 350 A | 7.54 kA²s | 40.6 kA²s | 170 kA | 117 W | 1 | 1.05 kg |
| NH3UD69V400PV | K320583 | 690 V | 700 V | 400 A | 10.5 kA²s | 56.5 kA²s | 170 kA | 130 W | 1 | 1.05 kg |
| NH3UD69V450PV | M320585 | 690 V | 700 V | 450 A | 15.7 kA²s | 84.3 kA²s | 170 kA | 139 W | 1 | 1.05 kg |
| NH3UD69V500PV | P320587 | 690 V | 700 V | 500 A | 22.2 kA²s | 119 kA²s | 170 kA | 150 W | 1 | 1.05 kg |
| NH3UD69V550PV | Q320588 | 690 V | 700 V | 550 A | 30.3 kA²s | 163 kA²s | 170 kA | 160 W | 1 | 1.05 kg |
| NH3UD69V630PV | R320589 | 690 V | 700 V | 630 A | 42.1 kA²s | 226 kA²s | 170 kA | 175 W | 1 | 1.05 kg |
| NH3UD69V700PV | S320590 | 690 V | 700 V | 700 A | 61.7 kA²s | 332 kA²s | 170 kA | 200 W | 1 | 1.05 kg |
| NH3UD69V800PV | T320591 | 690 V | 700 V | 800 A | 88.9 kA²s | 478 kA²s | 170 kA | 220 W | 1 | 1.05 kg |
| NH3UD69V900PV | V320592 | 690 V | 700 V | 900 A | 124 kA²s | 666 kA²s | 170 kA | 250 W | 1 | 1.05 kg |
| NH3UD69V1000PV | W320593 | 690 V | 700 V | 1000 A | 178 kA²s | 959 kA²s | 170 kA | 280 W | 1 | 1.05 kg |



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# Protistor® size NH 000, 00, 1, 2, 3 gS

PRODUCT RANGE

## 690VAC

NH000GS69V25PV

### Size 000 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH000GS69V16PV | N322035 | 690 V | 700 V | 16 A | 9 A²s | 45 A²s | 160 kA | 5 W | 3 | 0.13 kg |
| NH000GS69V20PV | Q322037 | 690 V | 700 V | 20 A | 10 A²s | 54 A²s | 160 kA | 6 W | 3 | 0.13 kg |
| NH000GS69V25PV | S322039 | 690 V | 700 V | 25 A | 18 A²s | 96 A²s | 160 kA | 7 W | 3 | 0.13 kg |
| NH000GS69V32PV | X322043 | 690 V | 700 V | 32 A | 39 A²s | 218 A²s | 160 kA | 8 W | 3 | 0.13 kg |
| NH000GS69V40PV | B322047 | 690 V | 700 V | 40 A | 69 A²s | 386 A²s | 160 kA | 9 W | 3 | 0.13 kg |
| NH000GS69V50PV | F322051 | 690 V | 700 V | 50 A | 136 A²s | 764 A²s | 160 kA | 10 W | 3 | 0.13 kg |
| NH000GS69V63PV | K322055 | 690 V | 700 V | 63 A | 275 A²s | 1545 A²s | 160 kA | 11 W | 3 | 0.13 kg |
| NH000GS69V80PV | P322059 | 690 V | 700 V | 80 A | 543 A²s | 3055 A²s | 160 kA | 13 W | 3 | 0.13 kg |
| NH000GS69V100PV | T322063 | 690 V | 700 V | 100 A | 1063 A²s | 5982 A²s | 160 kA | 14 W | 3 | 0.13 kg |

NH00GS69V125PV

### Size 00 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH00GS69V125PV | E322165 | 690 V | 700 V | 125 A | 2170 A²s | 10850 A²s | 160 kA | 16 W | 3 | 0.2 kg |
| NH00GS69V160PV | J322169 | 690 V | 700 V | 160 A | 4270 A²s | 21340 A²s | 160 kA | 19 W | 3 | 0.2 kg |

NH1GS69V125PV

### Size 1 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH1GS69V100PV | V322363 | 690 V | 700 V | 100 A | 965 A²s | 4820 A²s | 160 kA | 19 W | 3 | 0.43 kg |
| NH1GS69V125PV | X322365 | 690 V | 700 V | 125 A | 1705 A²s | 8550 A²s | 160 kA | 21 W | 3 | 0.43 kg |
| NH1GS69V160PV | B322369 | 690 V | 700 V | 160 A | 3860 A²s | 19000 A²s | 160 kA | 23 W | 3 | 0.43 kg |
| NH1GS69V200PV | D322371 | 690 V | 700 V | 200 A | 7560 A²s | 38000 A²s | 160 kA | 26 W | 3 | 0.43 kg |
| NH1GS69V250PV | H322375 | 690 V | 700 V | 250 A | 15420 A²s | 77150 A²s | 160 kA | 29 W | 3 | 0.43 kg |
| NH1GS69V280PV | L302897 | 690 V | 700 V | 280 A | 18665 A²s | 93000 A²s | 160 kA | 33 W | 3 | 0.43 kg |

NH2GS69V250PV

### Size 2 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH2GS69V160PV | K322469 | 690 V | 700 V | 160 A | 3.46 kA²s | 17.5 kA²s | 160 kA | 28 W | 3 | 0.64 kg |
| NH2GS69V200PV | M322471 | 690 V | 700 V | 200 A | 6.87 kA²s | 34 kA²s | 160 kA | 30 W | 3 | 0.64 kg |
| NH2GS69V250PV | R322475 | 690 V | 700 V | 250 A | 12.485 kA²s | 62 kA²s | 160 kA | 33 W | 3 | 0.64 kg |
| NH2GS69V315PV | W322479 | 690 V | 700 V | 315 A | 27.945 kA²s | 140 kA²s | 160 kA | 36 W | 3 | 0.64 kg |
| NH2GS69V350PV | X322480 | 690 V | 700 V | 350 A | 38.31 kA²s | 191 kA²s | 160 kA | 38 W | 3 | 0.64 kg |
| NH2GS69V400PV | A322483 | 690 V | 700 V | 400 A | 54.32 kA²s | 271 kA²s | 160 kA | 41 W | 3 | 0.64 kg |
| NH2GS69V450PV | C322485 | 690 V | 700 V | 450 A | 81.125 kA²s | 405 kA²s | 160 kA | 43 W | 3 | 0.64 kg |

NH3GS69V315PV

### Size 3 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Package | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| NH3GS69V250PV | R322590 | 690 V | 700 V | 250 A | 9.69 kA²s | 48 kA²s | 160 kA | 39 W | 1 | 1.05 kg |
| NH3GS69V315PV | E322579 | 690 V | 700 V | 315 A | 19.525 kA²s | 97 kA²s | 160 kA | 42 W | 1 | 1.05 kg |
| NH3GS69V350PV | F322580 | 690 V | 700 V | 350 A | 28.135 kA²s | 140 kA²s | 160 kA | 44 W | 1 | 1.05 kg |
| NH3GS69V400PV | J322583 | 690 V | 700 V | 400 A | 42.05 kA²s | 210 kA²s | 160 kA | 47 W | 1 | 1.05 kg |
| NH3GS69V450PV | L322585 | 690 V | 700 V | 450 A | 58.675 kA²s | 293 kA²s | 160 kA | 50 W | 1 | 1.05 kg |
| NH3GS69V500PV | N322587 | 690 V | 700 V | 500 A | 87.03 kA²s | 435.1 kA²s | 160 kA | 52 W | 1 | 1.05 kg |
| NH3GS69V550PV | P322588 | 690 V | 700 V | 550 A | 111.81 kA²s | 559 kA²s | 160 kA | 56 W | 1 | 1.05 kg |
| NH3GS69V630PV | Q322589 | 690 V | 700 V | 630 A | 149.95 kA²s | 749 kA²s | 160 kA | 63 W | 1 | 1.05 kg |

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# Microswitches for Protistor NH fuse-links

PRODUCT RANGE

MS4L2-5B2PRES

## Microswitches for PSC sizes 000/00

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current $I_n$ | Rated impulse withstand voltage $U_{imp}$ | Package | Weight |
|---|---|---|---|---|---|---|
| MS4L2-5B6PRES | F210156 | 1000 V | 10 A | 10 kV | 3 | 36 g |
| MS4L2-5B2PRES | G210157 | 1000 V | 5 A | 13 kV | 3 | 31.6 g |



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# DC PROTECTION FOR ELECTRIC VEHICLES & BATTERY APPLICATIONS

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# EVpack-fuse MEV55

PRODUCT RANGE

## 550 VDC Max., L/R ≤ 1ms, 5 - 50A

MEV55C30

### MEV55C Ferrule Fuse

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV55C5 | 550 V | 5 A | 0.25 W | 10 A | 10 s | 80 | 7.5 g |
| MEV55C6 | 550 V | 6 A | 0.29 W | 12 A | 10 s | 80 | 7.5 g |
| MEV55C7 | 550 V | 7 A | 0.31 W | 14 A | 10 s | 80 | 7.5 g |
| MEV55C8 | 550 V | 8 A | 0.4 W | 16 A | 10 s | 80 | 7.5 g |
| MEV55C10 | 550 V | 10 A | 0.45 W | 20 A | 10 s | 80 | 7.5 g |
| MEV55C12 | 550 V | 12 A | 0.47 W | 24 A | 10 s | 80 | 7.5 g |
| MEV55C15 | 550 V | 15 A | 0.49 W | 30 A | 100 s | 80 | 7.5 g |
| MEV55C20 | 550 V | 20 A | 0.56 W | 40 A | 100 s | 80 | 7.5 g |
| MEV55C25 | 550 V | 25 A | 0.63 W | 50 A | 100 s | 80 | 7.5 g |
| MEV55C30 | 550 V | 30 A | 0.68 W | 60 A | 100 s | 80 | 7.5 g |
| MEV55C30/40 | 550 V | 40 A | 0.63 W | 150 A | 10 s | 80 | 7.5 g |
| MEV55C30/50 | 550 V | 50 A | 1 W | 180 A | 10 s | 80 | 7.5 g |

MEV55C30-S

### MEV55C -S Surface Mount Fuse

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV55C5-S | 550 V | 5 A | 0.25 W | 10 A | 10 s | 80 | 9.9 g |
| MEV55C6-S | 550 V | 6 A | 0.29 W | 12 A | 10 s | 80 | 9.9 g |
| MEV55C7-S | 550 V | 7 A | 0.31 W | 14 A | 10 s | 80 | 9.9 g |
| MEV55C8-S | 550 V | 8 A | 0.4 W | 16 A | 10 s | 80 | 9.9 g |
| MEV55C10-S | 550 V | 10 A | 0.45 W | 20 A | 10 s | 80 | 9.9 g |
| MEV55C12-S | 550 V | 12 A | 0.47 W | 24 A | 10 s | 80 | 9.9 g |
| MEV55C15-S | 550 V | 15 A | 0.49 W | 30 A | 100 s | 80 | 9.9 g |
| MEV55C20-S | 550 V | 20 A | 0.56 W | 40 A | 100 s | 80 | 9.9 g |
| MEV55C25-S | 550 V | 25 A | 0.63 W | 50 A | 100 s | 80 | 9.9 g |
| MEV55C30-S | 550 V | 30 A | 0.68 W | 60 A | 100 s | 80 | 9.9 g |
| MEV55C30/40-S | 550 V | 40 A | 0.63 W | 150 A | 10 s | 80 | 9.9 g |
| MEV55C30/50-S | 550 V | 50 A | 1 W | 180 A | 10 s | 80 | 9.9 g |

MEV55C30-P

### MEV55C -P PC Board Mount

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV55C5-P | 550 V | 5 A | 0.25 W | 10 A | 10 s | 80 | 9.9 g |
| MEV55C6-P | 550 V | 6 A | 0.29 W | 12 A | 10 s | 80 | 9.9 g |
| MEV55C7-P | 550 V | 7 A | 0.31 W | 14 A | 10 s | 80 | 9.9 g |
| MEV55C8-P | 550 V | 8 A | 0.4 W | 16 A | 10 s | 80 | 9.9 g |
| MEV55C10-P | 550 V | 10 A | 0.45 W | 20 A | 10 s | 80 | 9.9 g |
| MEV55C12-P | 550 V | 12 A | 0.5 W | 24 A | 10 s | 80 | 9.9 g |
| MEV55C15-P | 550 V | 15 A | 0.45 W | 30 A | 100 s | 80 | 9.9 g |
| MEV55C20-P | 550 V | 20 A | 0.54 W | 40 A | 100 s | 80 | 9.9 g |
| MEV55C25-P | 550 V | 25 A | 0.59 W | 50 A | 100 s | 80 | 9.9 g |
| MEV55C30-P | 550 V | 30 A | 0.65 W | 60 A | 100 s | 80 | 9.9 g |
| MEV55C30/40-P | 550 V | 40 A | 0.63 W | 150 A | 10 s | 80 | 9.9 g |
| MEV55C30/50-P | 550 V | 50 A | 1.1 W | 180 A | 10 s | 80 | 9.9 g |

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## EVpack-fuse MEV55

ACCESSORIES

550 VDC Max., L/R ≤ 1ms, 5 - 50A

30311

30312

30313

### Fuse blocks

| Catalog number | Item number | Rated DC voltage | Application DC Fuses | Number of poles/phases | Contact Materials | Wire Range | Weight |
|---|---|---|---|---|---|---|---|
| **Open-style fuse blocks** | | | | | | | |
| **Screw w/ double quick connects at both ends** | | | | | | | |
| 30310 | 30310 | 600 V | MEV55C fuses up to 30A | Adder | Tin-plated Copper | Cu #10-14 | 42 g |
| 30311 | 30311 | 600 V | MEV55C fuses up to 30A | 1 | Tin-plated Copper | Cu #10-14 | 47 g |
| 30312 | 30312 | 600 V | MEV55C fuses up to 30A | 2 | Tin-plated Copper | Cu #10-14 | 80 g |
| 30313 | 30313 | 600 V | MEV55C fuses up to 30A | 3 | Tin-plated Copper | Cu #10-14 | 0.12 kg |
| **Pressure plate (sems) w/ double quick connects at both ends** | | | | | | | |
| 30320 | 30320 | 600 V | MEV55C fuses up to 30A | Adder | Tin-plated Copper | Cu #10-14 | - |
| 30321 | 30321 | 600 V | MEV55C fuses up to 30A | 1 | Tin-plated Copper | Cu #10-14 | 96 g |
| 30322 | 30322 | 600 V | MEV55C fuses up to 30A | 2 | Tin-plated Copper | Cu #10-14 | 93 g |
| 30323 | 30323 | 600 V | MEV55C fuses up to 30A | 3 | Tin-plated Copper | Cu #10-14 | 0.13 kg |
| **Copper box** | | | | | | | |
| 30350 | 30350 | 600 V | MEV55C fuses up to 30A | Adder | Tin-plated Copper | Cu #6-14 | - |
| 30351 | 30351 | 600 V | MEV55C fuses up to 30A | 1 | Tin-plated Copper | Cu #6-14 | 49 g |
| 30352 | 30352 | 600 V | MEV55C fuses up to 30A | 2 | Tin-plated Copper | Cu #6-14 | - |
| 30353 | 30353 | 600 V | MEV55C fuses up to 30A | 3 | Tin-plated Copper | Cu #6-14 | 0.13 kg |

## EVpack-fuse MEV70

PRODUCT RANGE

700 VDC Max., L/R ≤ 1ms, 35 - 600A

MEV70V160-S

### MEV70V -S Surface Mount Fuse

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV70V35-S | 700 V | 35 A | 0.86 W | 125 A | 5 s | 5 | 9.9 g |
| MEV70V40-S | 700 V | 40 A | 0.82 W | 150 A | 5 s | 5 | 9.9 g |
| MEV70V50-S | 700 V | 50 A | 1.2 W | 175 A | 5 s | 5 | 9.9 g |
| MEV70V60-S | 700 V | 60 A | 1.47 W | 200 A | 5 s | 5 | 9.9 g |
| MEV70V70-S | 700 V | 70 A | 1.89 W | 200 A | 30 s | 5 | 59 g |
| MEV70V80-S | 700 V | 80 A | 1.75 W | 270 A | 30 s | 5 | 59 g |
| MEV70V100-S | 700 V | 100 A | 2 W | 330 A | 30 s | 5 | 59 g |
| MEV70V125-S | 700 V | 125 A | 2.74 W | 1500 A | 150 ms | 5 | 59 g |
| MEV70V150-S | 700 V | 150 A | 3.54 W | 1500 A | 200 ms | 5 | 59 g |
| MEV70V160-S | 700 V | 160 A | 3.75 W | 1500 A | 300 ms | 5 | 59 g |
| MEV70V175-S | 700 V | 175 A | 4.63 W | 1500 A | 420 ms | 5 | 59 g |

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# EVpack-fuse MEV70

PRODUCT RANGE

## 700 VDC Max., L/R ≤ 1ms, 35 - 600A

MEV70A100-4

MEV70A400-4

MEV70A600-4

### MEV70A Round Body Fuse

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV70A50-4 | 700 V | 50 A | 1.4 W | 380 A | 50 ms | 5 | 99 g |
| MEV70A60-4 | 700 V | 60 A | 1.8 W | 460 A | 50 ms | 5 | 99 g |
| MEV70A70-4 | 700 V | 70 A | 2.2 W | 540 A | 50 ms | 5 | 99 g |
| MEV70A80-4 | 700 V | 80 A | 2.5 W | 610 A | 50 ms | 5 | 99 g |
| MEV70A90-4 | 700 V | 90 A | 2.7 W | 690 A | 50 ms | 5 | 99 g |
| MEV70A100-4 | 700 V | 100 A | 3.1 W | 760 A | 50 ms | 5 | 99 g |
| MEV70A125-4 | 700 V | 125 A | 3.8 W | 870 A | 60 ms | 5 | 0.17 kg |
| MEV70A150-4 | 700 V | 150 A | 4.5 W | 1040 A | 60 ms | 5 | 0.17 kg |
| MEV70A175-4 | 700 V | 175 A | 5.2 W | 1210 A | 60 ms | 5 | 0.17 kg |
| MEV70A200-4 | 700 V | 200 A | 5.9 W | 1380 A | 60 ms | 5 | 0.17 kg |
| MEV70A225-4 | 700 V | 225 A | 6.7 W | 1190 A | 140 ms | 5 | 0.26 kg |
| MEV70A250-4 | 700 V | 250 A | 7.4 W | 1320 A | 140 ms | 5 | 0.26 kg |
| MEV70A300-4 | 700 V | 300 A | 8.8 W | 1580 A | 140 ms | 5 | 0.26 kg |
| MEV70A350-4 | 700 V | 350 A | 10.2 W | 1840 A | 140 ms | 5 | 0.26 kg |
| MEV70A400-4 | 700 V | 400 A | 11.7 W | 2100 A | 140 ms | 5 | 0.26 kg |
| MEV70A450-4 | 700 V | 450 A | 12.4 W | 2200 A | 360 ms | 5 | 0.52 kg |
| MEV70A500-4 | 700 V | 500 A | 13.9 W | 2460 A | 360 ms | 5 | 0.52 kg |
| MEV70A600-4 | 700 V | 600 A | 16.6 W | 2950 A | 360 ms | 5 | 0.52 kg |

ACCESSORIES

1SC250

### Fuse blocks

| Catalog number | Item number | Rated DC voltage | Application DC Fuses | Contact Materials | Tightening torque (max.) | Weight |
|---|---|---|---|---|---|---|
| **P243 Fuse blocks** | | | | | | |
| P243E | P243E | 700 V | MEV70A fuses from 70 to 200A | Tin-Plated Copper | 4.1 N-m | 0.12 kg |
| **P266 Fuse blocks** | | | | | | |
| P266C | P266C | 700 V | MEV70A fuses from 225 to 600A | Stainless Steel | 20.3 N-m | 0.40 kg |
| **1SC/1MSC Modular Fuse blocks** | | | | | | |
| 1SCM8 | 1SCM8 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.8 N-m | 68 g |
| 1SC250 | 1SC250 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.9 N-m | 68 g |
| 1SC375 | 1SC375 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.7 N-m | 68 g |
| 1SCM10 | 1SCM10 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.5 N-m | 68 g |

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# EVpack-fuse MEV80

PRODUCT RANGE

## 800 VDC Max., L/R ≤ 1ms, 100 - 350A

MEV80S300-S

### MEV80S -S Surface Mount

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Weight |
|---|---|---|---|---|---|---|
| MEV80S100-S | 800 V | 100 A | 3 W | 500 A | 1 s | 0.25 kg |
| MEV80S150-S | 800 V | 150 A | 5 W | 900 A | 1 s | 0.25 kg |
| MEV80S200-S | 800 V | 200 A | 6 W | 1200 A | 1 s | 0.25 kg |
| MEV80S250-S | 800 V | 250 A | 7 W | 1500 A | 1 s | 0.25 kg |
| MEV80S300-S | 800 V | 300 A | 9 W | 1800 A | 1 s | 0.25 kg |
| MEV80S350-S | 800 V | 350 A | 11 W | 2000 A | 1 s | 0.25 kg |

# EVpack-fuse MEV100

PRODUCT RANGE

## 1,000 VDC Max., L/R ≤ 1ms, 8 - 600A

MEV100C30

### MEV100C Ferrule Fuse

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV100C8 | 1000 V | 8 A | 0.23 W | 16 A | 100 s | 10 | 7.5 g |
| MEV100C10 | 1000 V | 10 A | 0.32 W | 20 A | 100 s | 10 | 7.5 g |
| MEV100C12 | 1000 V | 12 A | 0.42 W | 24 A | 100 s | 10 | 7.5 g |
| MEV100C15 | 1000 V | 15 A | 0.63 W | 30 A | 100 s | 10 | 7.5 g |
| MEV100C20 | 1000 V | 20 A | 0.92 W | 40 A | 100 s | 10 | 7.5 g |
| MEV100C25 | 1000 V | 25 A | 1.1 W | 50 A | 100 s | 10 | 7.5 g |
| MEV100C30 | 1000 V | 30 A | 1.2 W | 60 A | 100 s | 10 | 7.5 g |

MEV100C30-S

### MEV100C -S Surface Mount

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV100C8-S | 1000 V | 8 A | 0.23 W | 16 A | 100 s | 10 | 9.9 g |
| MEV100C10-S | 1000 V | 10 A | 0.32 W | 20 A | 100 s | 10 | 9.9 g |
| MEV100C12-S | 1000 V | 12 A | 0.42 W | 24 A | 100 s | 10 | 9.9 g |
| MEV100C15-S | 1000 V | 15 A | 0.63 W | 30 A | 100 s | 10 | 9.9 g |
| MEV100C20-S | 1000 V | 20 A | 0.92 W | 40 A | 100 s | 10 | 9.9 g |
| MEV100C25-S | 1000 V | 25 A | 1.1 W | 50 A | 100 s | 10 | 9.9 g |
| MEV100C30-S | 1000 V | 30 A | 1.2 W | 60 A | 100 s | 10 | 9.9 g |

MEV100A300-4

### MEV100A Round Body Fuse

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV100A50-4 | 1000 V | 50 A | 1.8 W | 960 A | 40 ms | 5 | 0.12 kg |
| MEV100A60-4 | 1000 V | 60 A | 2.2 W | 1160 A | 40 ms | 5 | 0.12 kg |
| MEV100A70-4 | 1000 V | 70 A | 2.7 W | 1350 A | 40 ms | 5 | 0.12 kg |
| MEV100A80-4 | 1000 V | 80 A | 3.2 W | 1540 A | 40 ms | 5 | 0.12 kg |
| MEV100A90-4 | 1000 V | 90 A | 3.6 W | 1730 A | 40 ms | 5 | 0.12 kg |
| MEV100A100-4 | 1000 V | 100 A | 4.3 W | 1920 A | 40 ms | 5 | 0.12 kg |
| MEV100A125-4 | 1000 V | 125 A | 4 W | 940 A | 80 ms | 5 | 0.19 kg |
| MEV100A150-4 | 1000 V | 150 A | 5.2 W | 1130 A | 80 ms | 5 | 0.19 kg |
| MEV100A175-4 | 1000 V | 175 A | 6.3 W | 1320 A | 80 ms | 5 | 0.19 kg |
| MEV100A200-4 | 1000 V | 200 A | 7.4 W | 1510 A | 80 ms | 5 | 0.19 kg |
| MEV100A225-4 | 1000 V | 225 A | 6.7 W | 2200 A | 80 ms | 5 | 0.30 kg |
| MEV100A250-4 | 1000 V | 250 A | 7.6 W | 2430 A | 80 ms | 5 | 0.30 kg |
| MEV100A300-4 | 1000 V | 300 A | 9.5 W | 2920 A | 80 ms | 5 | 0.30 kg |

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# EVpack-fuse MEV100

PRODUCT RANGE

## 1,000 VDC Max., L/R ≤ 1ms, 8 - 600A

### MEV100A Round Body Fuse for Metric Screws

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV100A50-4Y | 1000 V | 50 A | 1.8 W | 960 A | 40 ms | 5 | 0.12 kg |
| MEV100A60-4Y | 1000 V | 60 A | 2.2 W | 1160 A | 40 ms | 5 | 0.12 kg |
| MEV100A70-4Y | 1000 V | 70 A | 2.7 W | 1350 A | 40 ms | 5 | 0.12 kg |
| MEV100A80-4Y | 1000 V | 80 A | 3.2 W | 1540 A | 40 ms | 5 | 0.12 kg |
| MEV100A90-4Y | 1000 V | 90 A | 3.6 W | 1730 A | 40 ms | 5 | 0.12 kg |
| MEV100A100-4Y | 1000 V | 100 A | 4.3 W | 1920 A | 40 ms | 5 | 0.12 kg |
| MEV100A125-4Y | 1000 V | 125 A | 4 W | 940 A | 80 ms | 5 | 0.19 kg |
| MEV100A150-4Y | 1000 V | 150 A | 5.2 W | 1130 A | 80 ms | 5 | 0.19 kg |
| MEV100A175-4Y | 1000 V | 175 A | 6.3 W | 1320 A | 80 ms | 5 | 0.19 kg |
| MEV100A200-4Y | 1000 V | 200 A | 7.4 W | 1510 A | 80 ms | 5 | 0.19 kg |

MEV100J400-4

### MEV100J Round Body Fuse

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MEV100J350-4 | 1000 V | 350 A | 9 W | 700 A | 180 s | 1 | 0.86 kg |
| MEV100J400-4 | 1000 V | 400 A | 10.4 W | 800 A | 180 s | 1 | 0.86 kg |
| MEV100J450-4 | 1000 V | 450 A | 11.2 W | 900 A | 235 s | 1 | 1.34 kg |
| MEV100J500-4 | 1000 V | 500 A | 11.6 W | 1000 A | 280 s | 1 | 1.34 kg |
| MEV100J600-4 | 1000 V | 600 A | 16.4 W | 1200 A | 200 s | 1 | 1.34 kg |

ACCESSORIES

### Fuse blocks

P243C

1SC250

| Catalog number | Item number | Rated DC voltage | Application DC Fuses | Contact Materials | Tightening torque (max.) | Weight |
|---|---|---|---|---|---|---|
| **P243 Fuse blocks** | | | | | | |
| P243C | P243C | 1000 V | MEV100A fuses from 35 to 200A | Tin-Plated Copper | 4.1 N-m | 0.12 kg |
| **P266 Fuse blocks** | | | | | | |
| P266A | P266A | 1000 V | MEV100A fuses from 225 to 600A | Stainless Steel | 20.3 N-m | 0.39 kg |
| **1SC/1MSC Modular Fuse blocks** | | | | | | |
| 1SCM8 | 1SCM8 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.8 N-m | 68 g |
| 1SC250 | 1SC250 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.9 N-m | 68 g |
| 1SC375 | 1SC375 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.7 N-m | 68 g |
| 1SCM10 | 1SCM10 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.5 N-m | 68 g |

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# M-fuse MF 100VDC Max.

## L/R ≤1.5ms, 50 - 200A

PRODUCT RANGE

MF100A-4

### MF-A Round Body Fuse

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MF50A-4 | 100 V | 50 A | 0.8 W | 180 A | 50 ms | 5 | 68 g |
| MF60A-4 | 100 V | 60 A | 0.9 W | 210 A | 50 ms | 5 | 68 g |
| MF70A-4 | 100 V | 70 A | 1.1 W | 250 A | 50 ms | 5 | 68 g |
| MF80A-4 | 100 V | 80 A | 1.6 W | 280 A | 50 ms | 5 | 68 g |
| MF90A-4 | 100 V | 90 A | 1.8 W | 320 A | 50 ms | 5 | 68 g |
| MF100A-4 | 100 V | 100 A | 2 W | 360 A | 50 ms | 5 | 68 g |
| MF125A-4 | 100 V | 125 A | 2.6 W | 450 A | 50 ms | 5 | 68 g |
| MF150A-4 | 100 V | 150 A | 3.2 W | 540 A | 50 ms | 5 | 68 g |
| MF175A-4 | 100 V | 175 A | 4 W | 630 A | 50 ms | 5 | 68 g |
| MF200A-4 | 100 V | 200 A | 4.4 W | 720 A | 50 ms | 10 | 68 g |

### MF-B Cylindrical Body Fuse

| Catalog number | Rated voltage DC (UL) | Rated current $I_n$ | Power dissipation at 0.5 $I_n$ | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|---|---|---|---|---|---|---|---|
| MF50B-4 | 100 V | 50 A | 1.8 W | 140 A | 10 s | 10 | 28 g |
| MF60B-4 | 100 V | 60 A | 2.1 W | 170 A | 10 s | 10 | 28 g |
| MF75B-4 | 100 V | 75 A | 2.7 W | 210 A | 10 s | 10 | 28 g |
| MF80B-4 | 100 V | 80 A | 2.7 W | 225 A | 10 s | 10 | 28 g |
| MF100B-4 | 100 V | 100 A | 2.3 W | 280 A | 10 s | 10 | 28 g |
| MF125B-4 | 100 V | 125 A | 2.5 W | 350 A | 10 s | 10 | 28 g |
| MF150B-4 | 100 V | 150 A | 2.7 W | 420 A | 10 s | 10 | 28 g |
| MF160B-4 | 100 V | 160 A | 3.1 W | 450 A | 10 s | 10 | 28 g |
| MF180B-4 | 100 V | 180 A | 3.4 W | 500 A | 10 s | 10 | 28 g |

ACCESSORIES

1SC250

### Fuse blocks

| Catalog number | Item number | Rated DC voltage | Application DC Fuses | Contact Materials | Tightening torque (max.) | Weight |
|---|---|---|---|---|---|---|
| **P243 Fuse blocks** | | | | | | |
| P243D | P243D | 1000 V | MF-A fuses from 70 to 450A | Tin-Plated Copper | 4.1 N-m | 0.12 kg |
| **1SC/1MSC Modular Fuse blocks** | | | | | | |
| 1SCM8 | 1SCM8 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.8 N-m | 68 g |
| 1SC250 | 1SC250 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.9 N-m | 68 g |
| 1SC375 | 1SC375 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.7 N-m | 68 g |
| 1SCM10 | 1SCM10 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.5 N-m | 68 g |

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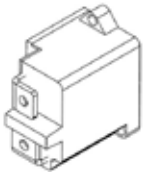
# Xp-ST

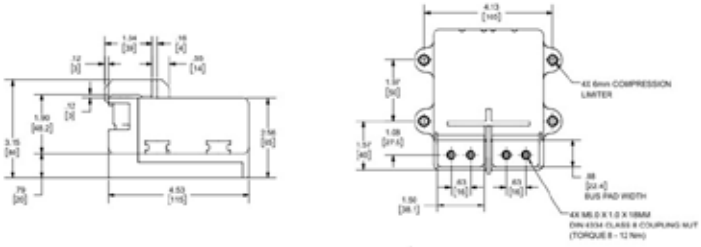


## 400 A – 500 VDC

| Voltage Range DC | Ampere Range | Operating Temperature Range | L/R Max. | On State Resistance | Off State Resistance | 3000 A Clearing time | 20 000 A Clearing time |
|---|---|---|---|---|---|---|---|
| Up to 500 VDC | Up to 400 A | -40°C to 90°C | 1ms | 125 µΩ@ 25°C | > 5MΩ | Typ. <300ms | Typ. <2ms |

## 400 A – 900 VDC

| Voltage Range DC | Ampere Range | Operating Temperature Range | L/R Max. | On State Resistance | Off State Resistance | 3000 A Clearing time | 25 000 A Clearing time |
|---|---|---|---|---|---|---|---|
| Up to 900 VDC | Up to 400 A | -40°C to 90°C | 1ms | 170 µΩ@ 25°C | > 5MΩ | Typ. <1s | Typ. <4ms |



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# WELCOME TO THE NEW
## Guide to features and functions

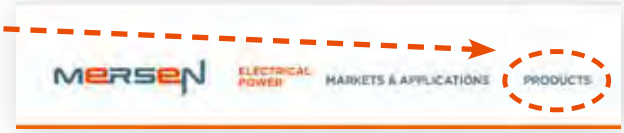
## NAVIGATION BAR: PRODUCTS

- **Multiple ways to navigate to Products**
- **Data comes directly from the PIM**
  - The most accurate product data
- **Categories include:**
  - UL/CSA Fuses, Fuse Holders, PDBs
  - IEC Fuses and Fusegear
  - High Speed Fuses
  - DC Protection for EV/Battery
  - Surge Protection
  - High and Medium Fuses/Bases
  - Low Voltage Switches

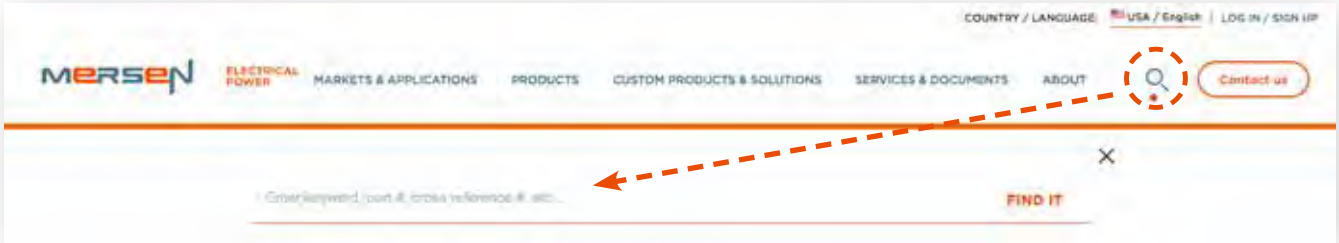
- **Engineering-Style pages encourage people to contact an expert**
  - Configured Panels
  - Bus Bars
  - Cooling Solutions
  - Power Transfer for Rail Vehicles
  - Capacitors

## SEARCHING FOR A PRODUCT

- **"Products" drop-down in navigation bar**
- **Product Selector Tool**
  - Access via home page and via Product section
  - Choose "Which Product," and Product Selector Tool adapts selections within that product category (ie Fuses > Voltage, Surge > Surge Capacity, etc.)



- **Search Button**
  - Available on any page, located in the navigation bar
  - Enter keyword, part #, cross reference #, etc.



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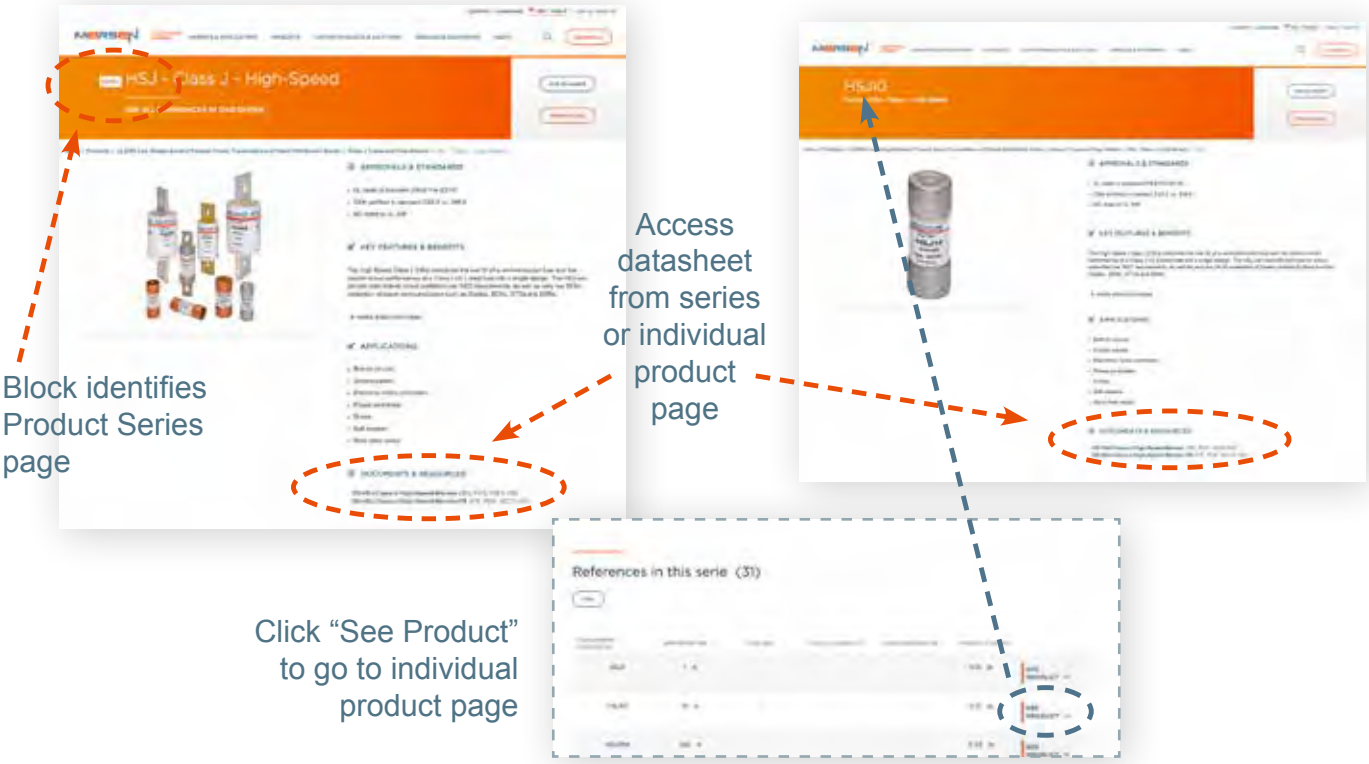
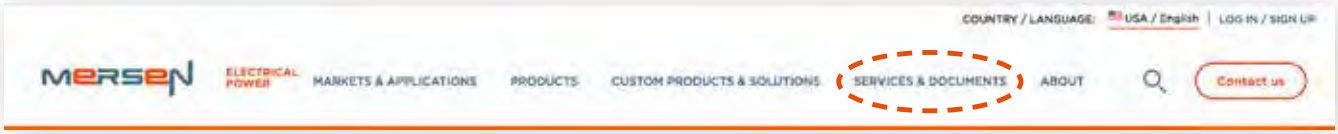
## PRODUCT PAGES - DETAILS

- **Product Series pages include data that is shared by all products in the series**
- **Individual product pages include data that is specific to that product (inc. photo if available)**




## NAVIGATION BAR: SERVICES & DOCUMENTS




**For access to:**

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