# Clips for Cylindrical fuses IEC Ø sizes 10, 14, 20, 22, 27, 36, 45, 55

### FUSE HOLDERS, FUSE BASES AND SUPPORTS

# **FUSE CLIPS**



Mersen offers an extensive offer of fuse clips for low voltage and high voltage cylindrical fuses

They match perfectly our selection of fuses. They are designed to mount easily, to save space and provide tight contact.

You can choose from a wide range of traditional and space-saving fuse blocks, fuse clips and fuse holders.

## TECHNICAL DATA OVERVIEW

Ampere Range (A) 1 ... 250 A Size per Standard For Ø 10, 14, 20, 22, 27, 36, 45, 55

### **FEATURES & BENEFITS**

- Silver plated copper clips: extremely high thermal and electric conductivity (except nickel plated copper for
- MR20) • Stainless steel pressure springs:
- highly resistant to salt spray • Screwing on isolators mounting
- type
- Screwing on bars or insulated bars mounting type
- Welding on P.C.B. mounting type (MR 10 CI)

CE

Fuse Holders, Fuse Bases and Supports / DS-IEC-FUSE-CLIPS-08-0624\_EN





# PRODUCT RANGE



SORT

### MR 10 and MR 10 CI

Maximum RMS continuous current through IN rated current fuses Recommended copper cable section Catalog number ltem number Weight MR10RESSORT B098004 32 A 32 A 6 mm<sup>2</sup> 20 7 g MR10CIRESSORT Y098507 32 A 1000 32 A 6 mm<sup>2</sup> 4.5 g MR10RESSORTSP C098994 32 A 32 A 20 6 mm<sup>2</sup> 5.7 g

#### **MR 14**

| Catalog<br>number | ltem<br>number | Rated current In | Maximum RMS continuous<br>current through IN rated current<br>fuses | Recommended copper cable section | Package | Weight |
|-------------------|----------------|------------------|---|----------------------------------|---------|--------|
| MR14SPRING        | G098170        | 63 A             | 63 A  | 10 mm <sup>2</sup>               | 10      | 16 g   |

#### **MR 20**

| Catalog<br>number | ltem<br>number | Rated current In | Maximum RMS continuous<br>current through IN rated current<br>fuses | Recommended copper cable section | Package | Weight |
|-------------------|----------------|------------------|---|----------------------------------|---------|--------|
| MR20RESSORT       | H099988        | 125 A            | 125 A   | 35 mm²                           | 20      | 40 g   |

### **MR 22**

| Catalog<br>number | ltem<br>number | Rated current In | Maximum RMS continuous<br>current through IN rated current<br>fuses | Recommended copper cable section | Package | Weight |
|-------------------|----------------|------------------|---|----------------------------------|---------|--------|
| MR22SPRING        | K098909        | 135 A            | 135 A   | 35 mm²                           | 20      | 40 g   |

#### **MR 27**

|   | Catalog<br>number | ltem<br>number | Rated current In | Maximum RMS continuous<br>current through IN rated<br>current fuses | Recommended copper<br>cable section | Package | Weight |
|---|-------------------|----------------|------------------|---|-------------------------------------|---------|--------|
| I | MR27RESSORT       | Y092734        | 250 A            | 250 A   | 120 mm <sup>2</sup>                 | 20      | 50 g   |

#### **MR 36**

| Catalog<br>number | ltem<br>number | Rated current In | 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<br>number | ltem<br>number | Rated current In | 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 mm <sup>2</sup>              | 1       | 0.23 kg |

#### **MR 55**

| Catalog<br>number | ltem<br>number | Rated current In | 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 |

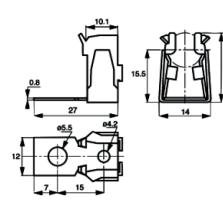
Fuse Holders, Fuse Bases and Supports  $\,/\,$  DS-IEC-FUSE-CLIPS-08-0624\_EN  $\,$ 



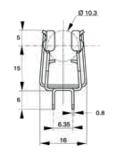


# DIMENSIONS

### **MR10RESSORT**

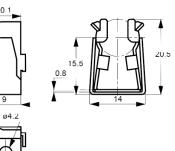


# MR10CIRESSORT



Dimensions in mm

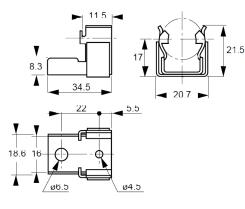
**MR10RESSORTSP** 



Dimensions in mm

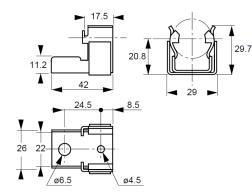
# Dimensions in mm

### **MR14SPRING**



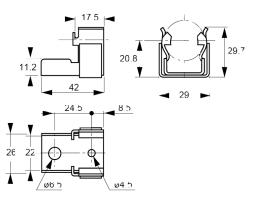
Dimensions in mm

#### **MR22SPRING**



Dimensions in mm

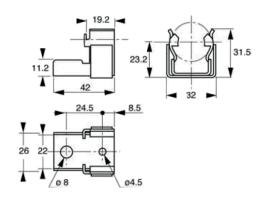
### MR20.6RESSORT



12.7

Dimensions in mm

### MR27RESSORT



Dimensions in mm

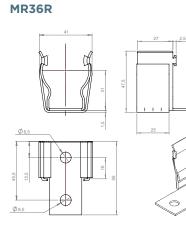
Fuse Holders, Fuse Bases and Supports / DS-IEC-FUSE-CLIPS-08-0624\_EN

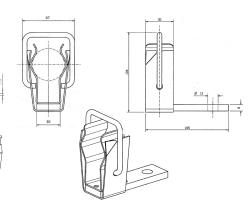




# Clips for Cylindrical fuses IEC ø sizes 10, 14, 20, 22, 27, 36, 45, 55

# DIMENSIONS



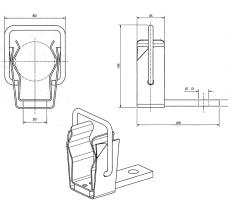


Dimensions in mm

Dimensions in mm

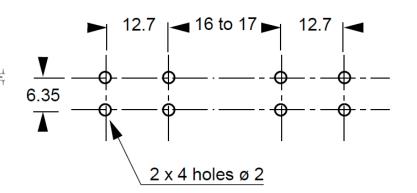
**MR45** 

**MR55** 



Dimensions in mm

### Mouting Instructions P.C.B. Drilling for MR10 CI clip (10x38 size fuse)



Dimensions in mm

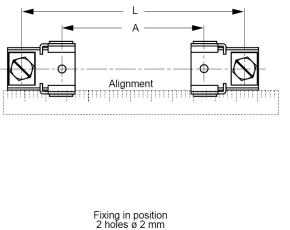
Fuse Holders, Fuse Bases and Supports / DS-IEC-FUSE-CLIPS-08-0624\_EN

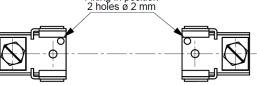




# DIMENSIONS

### **Clip Mounting**





Mounting of two elastic stop pins of 2 mm dia. for fixing clips in position

| Fuse size | А   | L   |
|-----------|-----|-----|
| 10 x 38   | 31  | 61  |
| 10 x 180  | 173 | 203 |
| 14 x 51   | 42  | 86  |
| 22 x 58   | 42  | 91  |
| 20 x 51   | 36  | 85  |
| 20 x 127  | 113 | 162 |
| 20 x 190  | 175 | 224 |
| 27 x 60   | 41  | 91  |
| 36 x 127  | 100 | 166 |
| 36 x 190  | 165 | 231 |
| 36 x 250  | 223 | 289 |
| 45 x 192  | 228 | 363 |
| 45 x 292  | 328 | 463 |
| 45 x 367  | 403 | 538 |
| 45 x 442  | 478 | 613 |
| 45 x 537  | 573 | 708 |
| 55 x 259  | 228 | 363 |
| 55 x 520  | 489 | 624 |

Dimensions in mm



