

Mersen Drive Fuse Selection Table

Allen Bradley Powerflex 400 22C Series–200 to 480VAC

IP/20 NEMA Type Open Catalog Number	Flange Mount Catalog Number	100-120V AC, 1-Phase Input - 0-230V, 3-Phase Output							Main Fuse
		kW (HP)	Output Ratings Amps		Voltage Range	Input Ratings		Amps	
			45°C	50°C		kVA	Amps		
22C-B012N103	22C-B012F103	2.2 (3.0)	12	12	180-265	6.5	15.5	HSJ20	
22C-B017N103	22C-B017F103	3.7 (5.0)	17.5	17.5	180-265	8.8	21	HSJ30	
22C-B024N103	22C-B024F103	5.5 (7.5)	24	24	180-265	10.9	26.1	HSJ35	
22C-B033N103	22C-B033F103	7.5 (10)	33	33	180-265	14.4	34.6	HSJ45	
22C-B049A103	-	11 (15)	49	49	180-265	21.3	51	HSJ70	
22C-B065A103	-	15 (20)	65	65	180-265	28.3	68	HSJ90	
22C-B075A103	-	18.5 (25)	75	75	180-265	32.5	78	HSJ100	
22C-B090A103	-	22 (30)	90	81	180-265	38.3	92	HSJ125	
22C-B120A103	-	30 (40)	120	120	180-265	51.6	124	HSJ175	
22C-B145A103	-	37 (50)	145	130	180-265	62.4	150	HSJ200	

IP/20 NEMA Type Open Catalog Number	Flange Mount Catalog Number	380-480V AC, 3-Phase Input - 0-460V, 3-Phase Output							Main Fuse
		kW (HP)	Output Ratings Amps		Voltage Range	Input Ratings		Amps	
			45°C	50°C		kVA	Amps		
22C-D6P0N103	22C-D6P0F103	2.2 (3.0)	6	6	340-528	6.3	7.5	HSJ10	
22C-D010N103	22C-D010F103	4 (5.0)	10.5	10.5	340-528	10.9	13	HSJ20	
22C-D012N103	22C-D012F103	5.5 (7.5)	12	12	340-528	11.9	14.2	HSJ20	
22C-D017N103	22C-D017F103	7.5 (10)	17	17	340-528	15.3	18.4	HSJ25	
22C-D022N103	22C-D022F103	11 (15)	22	22	340-528	19.2	23	HSJ30	
22C-D030N103	22C-D030F103	15 (20)	30	27	340-528	25.8	31	HSJ40	
22C-D038A103	-	18.5 (25)	38	38	340-528	33.3	40	HSJ50	
22C-D045A103	-	22 (30)	45.5	45.5	340-528	39.1	47	HSJ60	
22C-D060A103	-	30 (40)	60	54	340-528	53.3	64	HSJ80	
22C-D072A103	-	37 (50)	72	72	340-528	60.7	73	HSJ100	
22C-D088A103	-	45 (60)	88	88	340-528	74.9	90	HSJ125	
22C-D105A103	-	55 (75)	105	105	340-528	89	107	HSJ150	
22C-D142A103	-	75 (100)	142	128	340-528	124.8	150	HSJ200	
22C-D170A103	-	90 (125)	170	170	340-528	142	170	HSJ250	
22C-D208A103	-	110 (150)	208	208	340-528	167	200	HSJ250	

Mersen HSJ fuses are intended to provide both branch circuit and drive protection. Fuse selection must be in accordance with drive manufacturers' recommendations and conform to applicable national and local electrical codes. Recommended fuse ratings were selected for the maximum HP specified for the drive by the manufacturer, based on the most currently available information at the time. Fuses shown will minimize the amount of energy passed by the fuse under short circuit conditions, however, in some cases, component damage may result. Recommended HSJ fuse sizes for non-bypass mode applications only.