

Mersen Drive Fuse Selection Table

Allen Bradley Powerflex 40 22B Series–100 to 240VAC

100-120V AC, 1-Phase Input - 0-230V, 3-Phase Output							
IP/20 NEMA Type Open Catalog Number	Flange Mount Catalog Number	Output Ratings		Voltage Range	Input Ratings		Main Fuse
		kW (HP)	Amps		kVA	Amps	
22B-V2P3N104	22B-V2P3F104	0.4 (0.5)	2.3	90-132	1.15	9	HSJ15
22B-V5P0N104	22B-V5P0F104	0.75 (1.0)	5	90-132	2.45	20.3	HSJ35
22B-V6P0N104	22B-V6P0F104	1.1 (1.5)	6	90-132	3	24	HSJ40

200-240V AC, 1-Phase Input - 0-230V, 3-Phase Output							
IP/20 NEMA Type Open Catalog Number	Flange Mount Catalog Number	Output Ratings		Voltage Range	Input Ratings		Main Fuse
		kW (HP)	Amps		kVA	Amps	
22B-A2P3N104	-	0.4 (0.5)	2.3	180-264	1.15	6	HSJ10
22B-A5P0N104	-	0.75 (1.0)	5	180-264	2.45	12	HSJ20
22B-A8P0N104	-	1.5 (2.0)	8	180-264	4	18	HSJ30
22B-A012N104	-	2.2 (3.0)	12	180-264	5.5	25	HSJ40

200-240V AC, 3-Phase Input - 0-230V, 3-Phase Output							
IP/20 NEMA Type Open Catalog Number	Flange Mount Catalog Number	Output Ratings		Voltage Range	Input Ratings		Main Fuse
		kW (HP)	Amps		kVA	Amps	
22B-B2P3N104	22B-B2P3F104	0.4 (0.5)	2.3	180-264	1.15	2.5	HSJ6
22B-B5P0N104	22B-B5P0F104	0.75 (1.0)	5	180-264	2.45	5.7	HSJ10
22B-B8P0N104	22B-B8P0F104	1.5 (2.0)	8	180-264	4	9.5	HSJ15
22B-B012N104	22B-B012F104	2.2 (3.0)	12	180-264	5.5	15.5	HSJ25
22B-B017N104	22B-B017F104	3.7 (5.0)	17.5	180-264	8.6	21	HSJ30
22B-B024N104	22B-B024F104	5.5 (7.5)	24	180-264	11.8	26.1	HSJ40
22B-B033N104	22B-B033F104	7.5 (10.0)	33	180-264	16.3	34.6	HSJ60

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.

USA T 978 462 6662 F 978 462 0181 info.nby@mersen.com

CANADA T 416 252 9371 F 416 252 6572 sales.tor@mersen.com

ep-us.mersen.com ep-ca.mersen.com

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