

MERSEN DRIVE FUSE SELECTION TABLE

ALLEN BRADLEY POWERFLEX 400 22C SERIES- 200 TO 480VAC

| 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 45°C | 50°C | | kVA | Amps | |
| 22C-B012N103 | 22C-B012F103 | 2.2 (-3) | 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 |

| 380-480V AC, 3-Phase Input - 0-460V, 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 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.