

FERRAZ SHAWMUT DRIVE FUSE SELECTION TABLE

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

| 200-240V AC, 3-Phase Input - 0-230V, 3-Phase Output | | | | | | | | |
|---|-------------------------------|----------------|------|------|---------------|------|------|-----------|
| Catalogue Number | Flange Mount Catalogue Number | Output Ratings | | | Input Ratings | | | Main Fuse |
| | | kW (HP) | Amps | | Voltage Range | kVA | Amps | |
| | | | 45°C | 50°C | | | | |
| 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 |

| 380-480V AC, 3 Phase Input - 0-460V, 3-Phase Output | | | | | | | | |
|---|-------------------------------|----------------|------|------|---------------|-------|------|-----------|
| Catalogue Number | Flange Mount Catalogue Number | Output Ratings | | | Input Ratings | | | Main Fuse |
| | | kW (HP) | Amps | | Voltage Range | kVA | Amps | |
| | | | 45°C | 50°C | | | | |
| 22C-D6P0N103 | 22C-D6P0F103 | 2.2 (3.0) | 6 | 6 | 340-528 | 6.3 | 7.5 | HSJ10 |
| 22C-D010N103 | 22C-D010F103 | 4.0 (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 |

Ferraz Shawmut 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 are for non-bypass mode applications only.

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