

FERRAZ SHAWMUT DRIVE FUSE SELECTION TABLE

ACS800-U1 & ACS800-02 SERIES – 460VAC & 575VAC

| Part # 460VAC | HP Normal Duty | I(A) Normal Duty | HP Heavy Duty | I(A) Heavy Duty | Fuses |
|------------------|----------------|------------------|---------------|-----------------|-----------|
| ACS800-U1-0004-5 | 3 | 4.9 | 2 | 3.4 | HSJ10 |
| ACS800-U1-0005-5 | 3 | 6.2 | 2 | 4.2 | HSJ10 |
| ACS800-U1-0006-5 | 5 | 8.1 | 3 | 5.6 | HSJ10 |
| ACS800-U1-0009-5 | 7.5 | 11 | 5 | 8.1 | HSJ15 |
| ACS800-U1-0011-5 | 10 | 14 | 7.5 | 11 | HSJ17-1/2 |
| ACS800-U1-0016-5 | 15 | 21 | 10 | 15 | HSJ30 |
| ACS800-U1-0020-5 | 20 | 27 | 15 | 21 | HSJ35 |
| ACS800-U1-0025-5 | 25 | 34 | 20 | 27 | HSJ45 |
| ACS800-U1-0030-5 | 30 | 42 | 25 | 34 | HSJ50 |
| ACS800-U1-0040-5 | 40 | 52 | 30 | 37 | HSJ70 |
| ACS800-U1-0050-5 | 50 | 65 | 40 | 52 | HSJ80 |
| ACS800-U1-0060-5 | 60 | 79 | 50 | 65 | HSJ100 |
| ACS800-U1-0070-5 | 75 | 96 | 60 | 77 | HSJ125 |
| ACS800-U1-0100-5 | 100 | 124 | 75 | 96 | HSJ150 |
| ACS800-U1-0120-5 | 125 | 157 | 100 | 124 | HSJ200 |
| ACS800-U1-0140-5 | 150 | 180 | 125 | 156 | HSJ225 |
| ACS800-02-0170-5 | 150 | 192 | 125 | 162 | HSJ250 |
| ACS800-02-0210-5 | 200 | 240 | 150 | 192 | HSJ300 |
| ACS800-02-0260-5 | 250 | 289 | 150 | 224 | HSJ400 |
| ACS800-02-0320-5 | 350 | 435 | 250 | 340 | HSJ600 |
| ACS800-02-0400-5 | 400 | 510 | 300 | 370 | A4BQ700 |
| ACS800-02-0440-5 | 450 | 545 | 400 | 490 | A4BQ700 |
| ACS800-02-0490-5 | 500 | 590 | 450 | 515 | A4BQ800 |
| ACS800-02-0550-5 | 550 | 670 | 500 | 590 | A4BQ900 |
| ACS800-02-0610-5 | 600 | 704 | 500 | 632 | A4BQ900 |
| Part # 575VAC | HP Normal Duty | I(A) Normal Duty | HP Heavy Duty | I(A) Heavy Duty | Fuses |
| ACS800-U1-0011-7 | 10 | 11.5 | 7.5 | 8.5 | HSJ15 |
| ACS800-U1-0016-7 | 15 | 15 | 10 | 11 | HSJ20 |
| ACS800-U1-0020-7 | 20 | 20 | 15 | 15 | HSJ25 |
| ACS800-U1-0025-7 | 20/25 | 23 | 20 | 19 | HSJ30 |
| ACS800-U1-0030-7 | 30 | 30 | 25 | 22 | HSJ40 |
| ACS800-U1-0040-7 | 30 | 34 | 30 | 27 | HSJ45 |
| ACS800-U1-0050-7 | 40 | 46 | 40 | 34 | HSJ60 |
| ACS800-U1-0060-7 | 50 | 52 | 40 | 42 | HSJ70 |
| ACS800-U1-0070-7 | 60/75 | 73 | 50 | 54 | HSJ100 |
| ACS800-U1-0100-7 | 75/100 | 86 | 60 | 62 | HSJ125 |
| ACS800-U1-0120-7 | 100 | 108 | 75 | 86 | HSJ150 |
| ACS800-02-0140-7 | 125 | 125 | 100 | 95 | HSJ175 |
| ACS800-02-0170-7 | 150 | 155 | 125 | 131 | HSJ225 |
| ACS800-02-0210-7 | 150/200 | 165/195 | 150 | 147 | HSJ250 |
| ACS800-02-0260-7 | 200 | 175/212 | 150 | 163 | HSJ300 |
| ACS800-02-0320-7 | 300 | 290 | 200 | 216 | HSJ400 |
| ACS800-02-0400-7 | 350 | 344 | 250/300 | 274 | HSJ500 |
| ACS800-02-0440-7 | 400 | 387 | 350 | 328 | HSJ500 |
| ACS800-02-0490-7 | 450 | 426 | 400 | 387 | HSJ600 |
| ACS800-02-0550-7 | 500 | 482 | 450 | 426 | HSJ600 |
| ACS800-02-0610-7 | 600 | 537 | 500 | 482 | A4BQ700 |

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.

Ferraz Shawmut 374 Merrimac St. Newburyport, MA 01950-1998
 Phone: 978-462-6662 Fax: 978-462-0181
 Cust. Serv. Fax: 800-535-8114 Tech. Serv. Fax: 800-535-8103
www.ferrazshawmut.com/OEM



Feb 2006