

NZ Insulators Fusible Solutions

Motor Circuit Protection Chart

AS 2005, BS88 and IEC 60269

AS NZS 60269

| Power (KW) | Horse Power (HP) | Current F.L.C. (AMPS) | Direct On Line | | Assisted Start Fuse |
|------------|------------------|-----------------------|----------------|-------------|---------------------|
| | | | Normal Fuse | Motor Fuse | |
| 0.75 | 1.0 | 1.9 | 6 | – | 4 |
| 1.1 | 1.5 | 2.5 | 10 | – | 6 |
| 1.5 | 2.0 | 3.5 | 16 | – | 10 |
| 2.2 | 3.0 | 5.0 | 20 | – | 10 |
| 3.0 | 4.0 | 6.5 | 20 | – | 16 |
| 4.0 | 5.5 | 8.0 | 25 | 20M25 G06 | 16 |
| 5.5 | 7.5 | 11 | 32 | 20M32 G06 | 20 |
| 7.5 | 10 | 14 | 40 | 32M40 G06 | 20 |
| 11 | 15 | 21 | 50 | 32M50 H07 | 25 |
| 15 | 20 | 28 | 63 | 32M63 H07 | 40 |
| 18.5 | 25 | 35 | 80 | 63M80 K07 | 40 |
| 22 | 30 | 40 | 80 | 63M100 K07 | 50 |
| 30 | 40 | 55 | 100 | 63M100 K07 | 63 |
| 37 | 50 | 66 | 125 | 100M125 L09 | 80 |
| 45 | 60 | 80 | 160 | 100M160 L09 | 100 |
| 55 | 75 | 102 | 200 | – | 125 |
| 75 | 100 | 135 | 250 | 200M250 M09 | 160 |
| 90 | 120 | 165 | 250 | 200M250 M14 | 200 |
| 110 | 150 | 200 | 350 | 315M400 N09 | 200 |
| 132 | 180 | 230 | 355 | – | 250 |
| 150 | 200 | 260 | 400 | – | 315 |
| 160 | 220 | 280 | 400 | – | 315 |
| 185 | 250 | 325 | 450 | 400M500 P09 | 355 |
| 200 | 270 | 350 | 500 | 400M500 P11 | 400 |
| 220 | 300 | 385 | 560 | – | 450 |
| 250 | 340 | 450 | 560 | – | 450 |
| 315 | 430 | 545 | 670 | – | 560 |

D.O.L. based on 7 x motor F.L.C. for 10 seconds
Assisted start based on 3.5 x motor F.L.C. for 20 seconds