

# UFE/UFE-A

5.2Ø x 20 mm

Fast-Acting Fuse



### Agency Approvals

| Agency         | Ampere Rating          |
|----------------|------------------------|
| UL Recognized  | 160mA - 10A            |
| VDE            | 160mA - 10A            |
| CSA Acceptance | 160mA - 10A            |
| PSE            | 1A - 10A               |
| KTL            | 160mA - 6.3A           |
| CQC            | 8A / 10A               |
| CCC            | 160mA - 6.3A           |
| BSI            | UFE only: 160mA - 6.3A |

### Electrical Characteristics

| Ampere Rating | Opening Time |        |         |       |       |        |       |
|---------------|--------------|--------|---------|-------|-------|--------|-------|
|               | 1.5 In       | 2.1 In | 2.75 In |       | 4 In  |        | 10 In |
|               | MIN          | MAX    | MIN     | MAX   | MIN   | MAX    | MAX   |
| 160mA - 6.3A  | 60 min       | 30 min | 50 ms   | 2 sec | 10 ms | 300 ms | 20 ms |
| 8A - 10A      | 30 min       | 30 min | 50 ms   | 2 sec | 10 ms | 400 ms | 40 ms |

### Interrupting Rating

35 amperes or 10 x rated current; whichever is greater at 250V AC.

### Product Characteristics

|                       |  |
|-----------------------|--|
| Operating Temperature | -55 °C to 125 °C                         |
| Material              | Body: Glass<br>Caps: Nickel Plated Brass |
| Leads Wire            | Ø0.8 mm                                  |

### Packaging

| Packaging Option     | Quantity                                     |
|----------------------|--|
| Bulk                 | UFE: 1,000 pcs / box<br>UFE-A: 500 pcs / box |
| On Axial Tape & Reel | 1,000 pcs / box                              |

| Catalog Number   | Ampere Rating (A) | Voltage Rating (V) | Nominal Cold Resistance (Ohms) | Voltage Drop (mv) MAX | Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec.) |
|------------------|-------------------|--------------------|--------------------------------|-----------------------|--|
| UFE / UFE-A .160 | 160mA             | 250V               | 2.6655                         | 2000                  | 0.0054   |
| UFE / UFE-A .200 | 200mA             |                    | 1.8220                         | 1700                  | 0.0160   |
| UFE / UFE-A .250 | 250mA             |                    | 1.3237                         | 1400                  | 0.0250   |
| UFE / UFE-A .315 | 315mA             |                    | 0.4159                         | 1300                  | 0.0396   |
| UFE / UFE-A .400 | 400mA             |                    | 0.2954                         | 1200                  | 0.1250   |
| UFE / UFE-A .500 | 500mA             |                    | 0.2482                         | 1000                  | 0.2077   |
| UFE / UFE-A .630 | 630mA             |                    | 0.1932                         | 650                   | 0.3029   |
| UFE / UFE-A .800 | 800mA             |                    | 0.1265                         | 240                   | 0.7477   |
| UFE / UFE-A 001  | 1A                |                    | 0.0800                         | 200                   | 1.1925   |
| UFE / UFE-A 1.25 | 1.25A             |                    | 0.0692                         | 200                   | 2.0869   |
| UFE / UFE-A 1.60 | 1.6A              |                    | 0.0502                         | 190                   | 7.2069   |
| UFE / UFE-A 002  | 2A                |                    | 0.0373                         | 170                   | 7.9544   |
| UFE / UFE-A 2.50 | 2.5A              |                    | 0.0302                         | 170                   | 8.7019   |
| UFE / UFE-A 3.15 | 3.15A             |                    | 0.0224                         | 150                   | 17.208   |
| UFE / UFE-A 004  | 4A                |                    | 0.0177                         | 130                   | 28.368   |
| UFE / UFE-A 005  | 5A                |                    | 0.0149                         | 130                   | 49.140   |
| UFE / UFE-A 6.30 | 6.3A              | 0.0103             | 130                            | 93.017                |  |
| UFE / UFE-A 008  | 8A                | 0.0077             | 130                            | 157.59                |  |
| UFE / UFE-A 010  | 10A               | 0.0058             | 130                            | 253.08                |  |

### Mechanical Dimensions (mm)

