



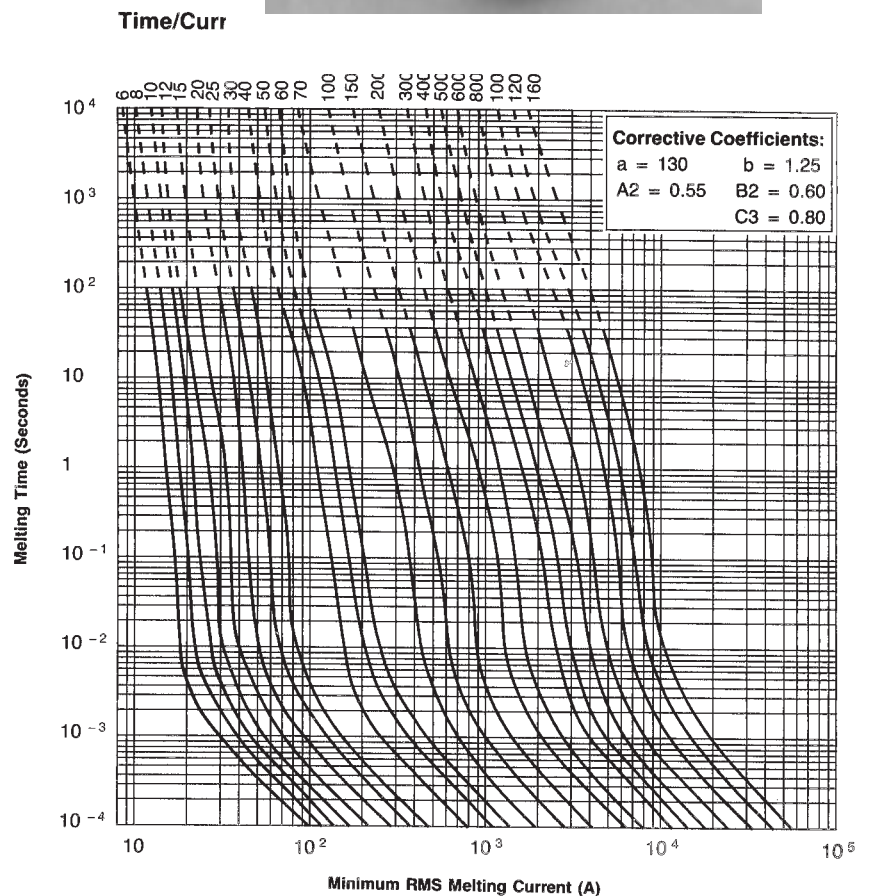
## SERIES A050F 500 VAC/VDC- 1 TO 1600 AMPS



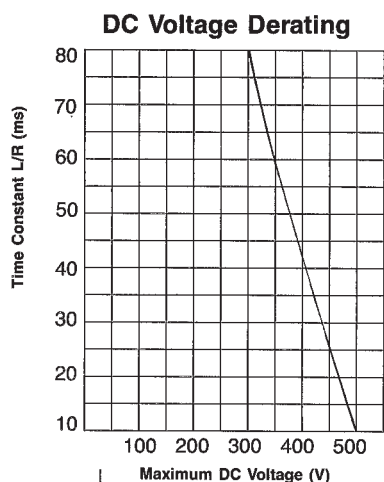
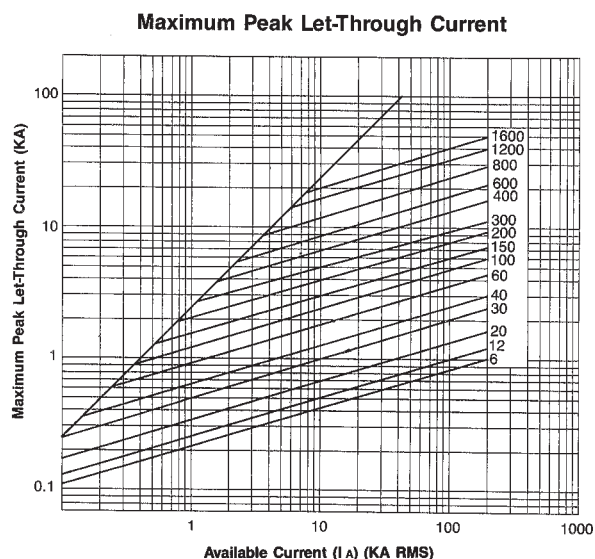
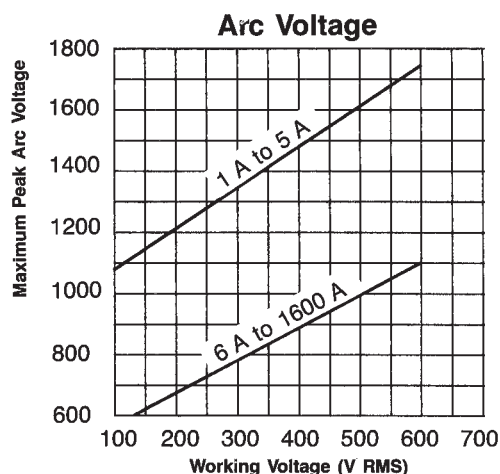
| Part Number | Current Rating (A) | $i^2t$ at 500VAC (A <sup>2</sup> s) | Watt Losses at Rated Current (W) |
|-------------|--------------------|-------------------------------------|----------------------------------|
| A050F001    | 1                  | 0.36                                | 0.9                              |
| A050F002    | 2                  | 1.3                                 | 1                                |
| A050F003    | 3                  | 2.7                                 | 1.4                              |
| A050F004    | 4                  | 6.2                                 | 1.7                              |
| A050F005    | 5                  | 11.9                                | 2                                |
| A050F006    | 6                  | 12.8                                | 2.3                              |
| A050F007    | 7                  | 12.8                                | 2.6                              |
| A050F008    | 8                  | 17.6                                | 3                                |
| A050F010    | 10                 | 24                                  | 4                                |
| A050F012    | 12                 | 32                                  | 4.9                              |
| A050F015    | 15                 | 53                                  | 6.4                              |
| A050F020    | 20                 | 96                                  | 8.8                              |
| A050F025    | 25                 | 168                                 | 10.5                             |
| A050F030    | 30                 | 261                                 | 12.4                             |
| A050F040    | 40                 | 551                                 | 8                                |
| A050F050    | 50                 | 1140                                | 9                                |
| A050F060    | 60                 | 1710                                | 11                               |
| A050F070    | 70                 | 2233                                | 12                               |
| A050F080    | 80                 | 2850                                | 14                               |
| A050F090    | 90                 | 3990                                | 16                               |
| A050F100    | 100                | 4750                                | 18                               |
| A050F125    | 125                | 7505                                | 19                               |
| A050F150    | 150                | 10,450                              | 22                               |
| A050F175    | 175                | 15,200                              | 29                               |
| A050F200    | 200                | 20,900                              | 34                               |
| A050F225    | 225                | 18,525                              | 35                               |
| A050F250    | 250                | 23,750                              | 40                               |
| A050F275    | 275                | 30,400                              | 46                               |
| A050F300    | 300                | 37,050                              | 50                               |
| A050F350    | 350                | 57,950                              | 59                               |
| A050F400    | 400                | 83,600                              | 66                               |
| A050F450    | 450                | 95,000                              | 68                               |
| A050F500    | 500                | 121,600                             | 76                               |
| A050F550    | 550                | 152,000                             | 87                               |
| A050F600    | 600                | 190,000                             | 96                               |
| A050F700    | 700                | 243,200                             | 107                              |
| A050F800    | 800                | 340,100                             | 127                              |
| A050F900    | 900                | 484,500                             | 144                              |
| A050F1000   | 1000               | 655,500                             | 162                              |
| A050F1200   | 1200               | 1.09x10 <sup>6</sup>                | 170                              |
| A050F1400   | 1400               | 1.425x10 <sup>6</sup>               | 200                              |
| A050F1600   | 1600               | 2x10 <sup>6</sup>                   | 230                              |

NOTE: UL Recognized from 1 to 600 Amperes DC.

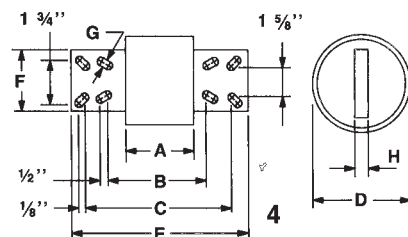
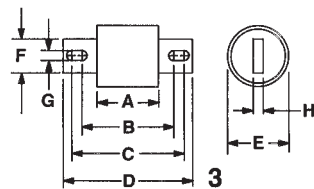
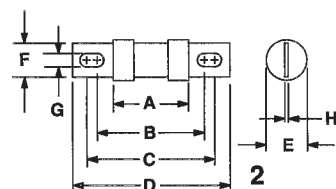
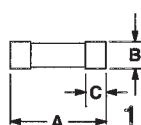
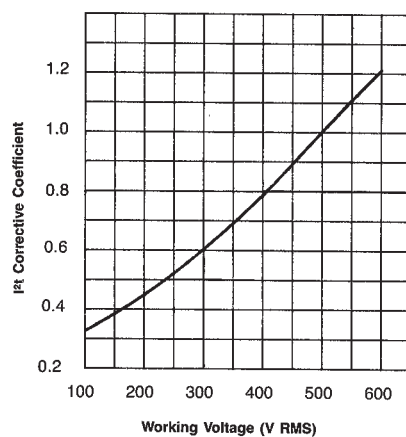
NOTE: CSA Special Investigated 500 Volts - 10 to 1200 Amps.



NOTE: Fuse must not be selected to interrupt in dotted line area.



### Clearing I<sup>2</sup>t vs. Operating Voltage



### 500 VOLT FUSE DIMENSIONS

| PART NUMBER       | FIG. | A      | B       | C       | D       | E      | F     | G      | H    |
|-------------------|------|--------|---------|---------|---------|--------|-------|--------|------|
| A050F001 to 030   | 1    | 2      | 9/16    | 1/2     |         |        |       |        |      |
| A050F035 to 060   | 2    | 1 9/16 | 2 1/4   | 2 9/16  | 3 3/16  | 13/16  | 3/4   | 1 1/32 | 1/8  |
| A050F070 to 100   | 3    | 2 1/8  | 2 53/64 | 2 15/16 | 3 5/8   | 1      | 3/4   | 5/16   | 1/8  |
| A050F125 to 200   | 3    | 2 1/8  | 2 53/64 | 2 15/16 | 3 5/8   | 1 7/32 | 3/4   | 5/16   | 3/16 |
| A050F225 to 400   | 3    | 2 3/32 | 2 29/32 | 3 13/32 | 4 11/32 | 1 1/2  | 1     | 13/32  | 1/4  |
| A050F450 to 600   | 3    | 2 7/32 | 3 1/32  | 3 17/32 | 4 15/32 | 2      | 1 1/2 | 13/32  | 1/4  |
| A050F700 to 800   | 3    | 2 7/32 | 4 9/32  | 4 5/8   | 6 15/32 | 2 1/2  | 2     | 17/32  | 3/8  |
| A050F900 to 1200  | 3    | 3 7/32 | 4 31/32 | 4 31/32 | 6 31/32 | 3 1/2  | 2 3/8 | 5/8    | 7/16 |
| A050F1400 to 1600 | 4    | 3 7/32 | 5 7/32  | 8 23/32 | 10 7/32 | 4 1/4  | 3 1/2 | 5/8    | 3/4  |

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