

## CT, ET, FE, EET, FEE BS88

690 Vac/500 Vdc (IEC), 700 Vac/500 Vdc (UL), 6 to 200 A

BS88 style bolted tags high speed fuses for the protection of DC common bus, DC drives, power converters /rectifiers and reduced rated voltage starters.

### Ratings

- Volts
  - 690 Vac/500 Vdc (IEC)
  - 700 Vac/500 Vdc (UL)
- Amps 6-200 A
- IR
  - CT: IEC — 90 kA RMS Sym., 40 kA at 500 Vdc, UL — 200 kA RMS Sym., 50 kA at 500 Vdc
  - ET, EET, FE and FEE: 200 kA RMS Sym., 50 kA at 500 Vdc

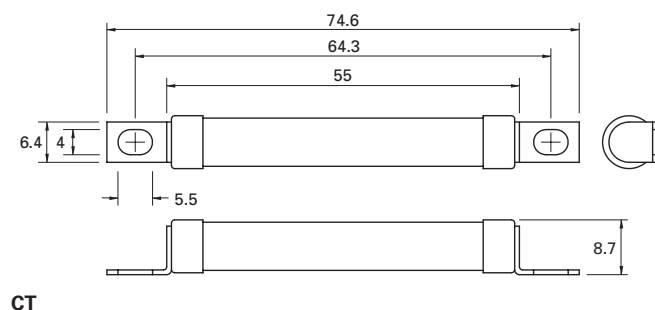
### Operating class aR

### Agency information

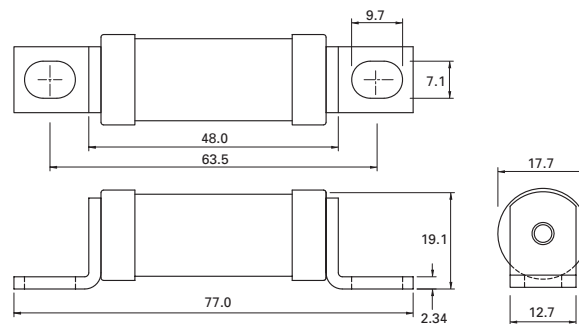
- Designed and tested to BS88 part 4 and IEC 60269 Part 4
- UL Recognized\*
- CCC for ET, FE, EET, FEE
- CE

\* Consult your Bussmann series product representative for UL Recognized status.

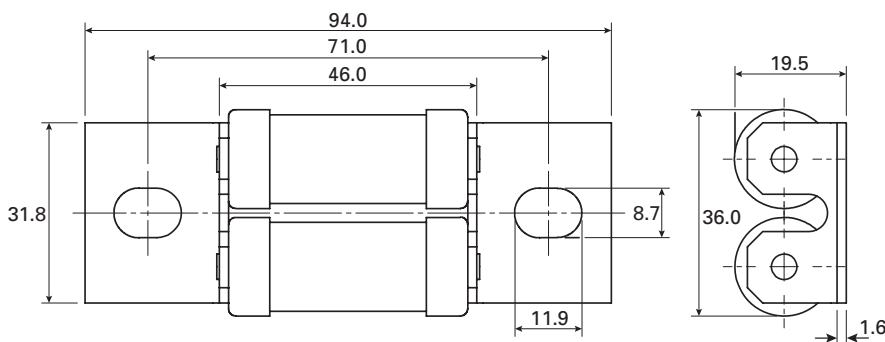
### Dimensions — mm



CT



ET, FE — indicator optional



EET, FEE — indicator optional



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 5785312 (CT, ET), 5785314 (FE), 5785313 (EET), 5785292 (FEE)

## CT, ET, FE, EET, FEE BS88

690 Vac/500 Vdc (IEC), 700 Vac/500 Vdc (UL), 6 to 200 A

| Fuse symbol | Rated voltage         | Rated current<br>(amps) | I <sup>2</sup> t (A <sup>2</sup> s) |                     |                     | Watts<br>loss (W)† | Catalog no. |
|-------------|-----------------------|-------------------------|-------------------------------------|---------------------|---------------------|--------------------|-------------|
|             |                       |                         | Pre-arcing                          | Clearing at 415 Vac | Clearing at 660 Vac |                    |             |
| CT          | 690 Vac/500 Vdc (IEC) | 6                       | 1.8                                 | 8.5                 | 12                  | 2                  | 6CT         |
|             |                       | 10                      | 7.0                                 | 30.0                | 48                  | 3                  | 10CT        |
|             | 700 Vac/500 Vdc (UL)  | 12                      | 10.0                                | 40.0                | 65                  | 3                  | 12CT        |
|             |                       | 16                      | 16.0                                | 66.0                | 110                 | 7                  | 16CT        |
|             |                       | 20                      | 32.0                                | 150.0               | 220                 | 7                  | 20CT        |
| ET          | 690 Vac/500 Vdc (IEC) | 25                      | 25.0                                | 150.0               | 250                 | 7                  | 25ET        |
|             |                       | 32                      | 32.0                                | 190.0               | 350                 | 11                 | 32ET        |
|             |                       | 35                      | 52.0                                | 310.0               | 500                 | 11                 | 35ET        |
|             |                       | 40                      | 103.0                               | 600.0               | 900                 | 9                  | 40ET        |
|             |                       | 45                      | 103.0                               | 680.0               | 1100                | 11                 | 45ET        |
|             | 700 Vac/500 Vdc (UL)  | 56                      | 135.0                               | 950.0               | 1500                | 14                 | 56ET        |
|             |                       | 63                      | 171.0                               | 1200.0              | 2000                | 16                 | 63ET        |
|             |                       | 80                      | 360.0                               | 2500.0              | 4000                | 18                 | 80ET        |
|             |                       | 100                     | 470.0                               | 1800.0              | 2800                | 23                 | 100FE       |
| FE          | 690 Vac/500 Vdc (IEC) | 35                      | 33.0                                | 130.0               | 200                 | 9                  | 35FE        |
|             |                       | 40                      | 52.0                                | 180.0               | 300                 | 9                  | 40FE        |
|             |                       | 45                      | 76.0                                | 270.0               | 450                 | 11                 | 45FE        |
|             |                       | 50                      | 103.0                               | 380.0               | 600                 | 11                 | 50FE        |
|             |                       | 63                      | 135.0                               | 480.0               | 750                 | 12                 | 63FE        |
|             | 700 Vac/500 Vdc (UL)  | 71                      | 210.0                               | 600.0               | 950                 | 17                 | 71FE        |
|             |                       | 80                      | 250.0                               | 900.0               | 1500                | 20                 | 80FE        |
|             |                       | 90                      | 360.0                               | 1300.0              | 2100                | 20                 | 90FE        |
|             |                       | 100                     | 470.0                               | 1800.0              | 2800                | 23                 | 100FE       |
| EET         | 690 Vac/500 Vdc (IEC) | 90                      | 490.0                               | 300.0               | 4500                | 19                 | 90EET       |
|             |                       | 110                     | 600.0                               | 4000.0              | 6500                | 27                 | 110EET      |
|             | 700 Vac/500 Vdc (UL)  | 140                     | 1050.0                              | 7000.0              | 12,000              | 35                 | 140EET      |
|             |                       | 160                     | 1500.0                              | 10,000.0            | 17,000              | 39                 | 160EET      |
| FEE         | 690 Vac/500 Vdc (IEC) | 100                     | 400.0                               | 1600.0              | 2400                | 24                 | 100FEE      |
|             |                       | 120                     | 540.0                               | 1900.0              | 3100                | 32                 | 120FEE      |
|             |                       | 140                     | 850.0                               | 2500.0              | 3800                | 36                 | 140FEE      |
|             |                       | 160                     | 1000.0                              | 3700.0              | 5700                | 46                 | 160FEE      |
|             |                       | 180                     | 1400.0                              | 5300.0              | 8400                | 46                 | 180FEE      |
|             |                       | 200                     | 1900.0                              | 7100.0              | 11,400              | 52                 | 200FEE      |
|             |                       | 200                     | 1900.0                              | 7100.0              | 11,400              | 52                 | 200FEE      |

† Watts loss at rated current.

**Note:** FC, 8ET, 12ET, 15ET, 20ET, 65EET and 75EET are available for replacement purposes on existing equipment.