

# British Standard BS88 fuses

## LCT, LET

240 Vac/150 Vdc (IEC),

250-280 Vac/150 Vdc (UL), 6 to 180 A

### Description

BS88 style bolted tag high speed fuses for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Low watts loss in a compact size.

### Specifications

#### Ratings

- Volts:
  - LCT 240 Vac/150 Vdc (IEC), 250 Vac/150 Vdc (UL)
  - LET 280 Vac/150 Vdc (UL, 25-160 A), 250 Vac/150 Vdc (UL 180 A)
- Amps: 6-180 A
- Interrupting rating:
  - 200 kA RMS Sym.
  - 50 kA DC at 125 Vdc
  - 100 kA at 80 Vdc (70-1000 A)

### Operating Class: aR.

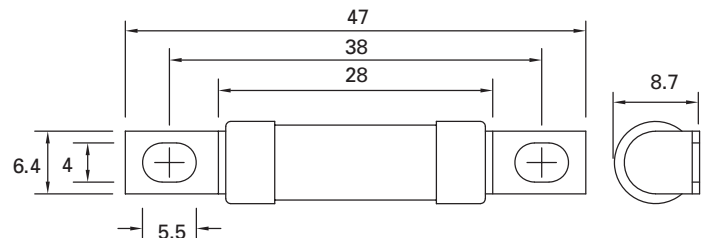
### Agency information

- Designed and tested to BS88 Part 4 and IEC 60269 Part 4
- UL Recognized\*
- CCC (LCT only)
- CE

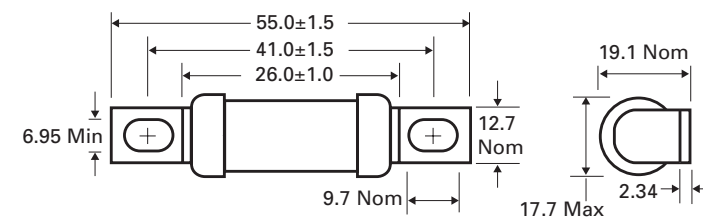
\* All fuses have been tested at 318 Vac. Consult Bussmann series product representative for UL Recognized status.



### Dimensions — mm



### LCT



Indicator (optional) 

### LET — indicator optional

| Fuse symbol | Rated voltage                                 | Rated current (amps) | I <sup>2</sup> t (A <sup>2</sup> s) |                     | Watts loss (W)* | Catalog no. |
|-------------|---|----------------------|-------------------------------------|---------------------|-----------------|-------------|
|             |   |                      | Pre-arcing                          | Clearing at 240 Vac |                 |             |
| LCT         | 240 Vac/150 Vdc (IEC)<br>250 Vac/150 Vdc (UL) | 6                    | 2.0                                 | 9                   | 1.0             | 6LCT        |
|             |   | 10                   | 3.8                                 | 22                  | 2.5             | 10LCT       |
|             |   | 12                   | 7.0                                 | 32                  | 2.5             | 12LCT       |
|             |   | 16                   | 20.0                                | 100                 | 2.5             | 16LCT       |
|             |   | 20                   | 25.0                                | 160                 | 4.0             | 20LCT       |
| LET         | 280 Vac/150 Vdc (UL)                          | 25                   | 18.0                                | 250                 | 4.0             | 25LET       |
|             |   | 32                   | 32.0                                | 450                 | 5.0             | 32LET       |
|             |   | 35                   | 50.0                                | 600                 | 5.0             | 35LET       |
|             |   | 50                   | 100.0                               | 1400                | 7.0             | 50LET       |
|             |   | 63                   | 180.0                               | 2200                | 9.0             | 63LET       |
|             |   | 80                   | 300.0                               | 3800                | 10.0            | 80LET       |
|             |   | 100                  | 600.0                               | 7500                | 10.0            | 100LET      |
|             |   | 125                  | 600.0                               | 7500                | 16.0            | 125LET      |
|             |   | 160                  | 1100.0                              | 16,000              | 20.0            | 160LET      |
|             |   | 180                  | 1600.0                              | 29,000              | 21.0            | 180LET      |

\* Watts loss at rated current.

Note: 7LET, 10LET, 12LET and 16LET are available for replacement purposes on existing equipment.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 720004, 5785296 (LCT), 5785293 (LET)