British BS 88 — 240V: 6-900A

LCT, LET, LMT, LMMT

Specifications
Description: BS 88 style stud-mount fuses.
Dimensions: See dimensions illustrations.
Ratings:
Volts: — 240Vac/150Vdc
Amps: — 6-900A
IR: — 200kA RMS Sym.
Agency Information: CE. Designed and tested to: BS 88 Part 4, IEC 269 Part 4, UL Recognized. All fuses above have been tested at 318Vac. Consult Cooper Bussmann for specific UL Recognition status.

Electrical Characteristics

Total Clearing I²t
The total clearing I²t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g (rms).

Dimensions (mm)

Fig. 1: LCT

Fig. 2: LET

Fig. 3: LMT

Fig. 4: LMMT

Indicator (Optional)

Arc Voltage
This curve gives the peak arc voltage, U_L, which may appear across the fuse during its operation as a function of the applied working voltage, E_g (rms) at a power factor of 15%.

Power Losses
Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K_p, is given as a function of the RMS load current, I_b, in % of the rated current.

Catalog Numbers

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<th>Type</th>
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<th>I²t (A²Sec)</th>
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Features and Benefits
- Excellent cycling capability
- Excellent DC performance
- Low arc voltage and low energy let-through (I²t)

Typical Applications
- DC common bus
- AC and DC drives
- Power converters/rectifiers
- Reduced voltage starters

For product data sheets, visit www.cooperbussmann.com/datasheets/ulcsa
High Speed Fuses

British BS 88 — 240V: 6-900A

LCT 6-20A: 240V

Time-Current Curve

[Graph showing LCT 6-20A Time-Current Curve]

Data Sheet: 35785296

LET 25-180A: 240V

Time-Current Curve

[Graph showing LET 25-180A Time-Current Curve]

Data Sheet: 35785293

Peak Let-Through Curve

[Graph showing Peak Let-Through Curve]

For product data sheets, visit www.cooperbussmann.com/datasheets/ulcsa
High Speed Fuses

British BS 88 — 240V: 6-900A

LMT 160-450A: 240V

Time-Current Curve

Data Sheet: 35785294

LMMT 400-900A: 240V

Time-Current Curve

Data Sheet: 35785295

Peak Let-Through Curve