

POWR-GARD® Fuse Datasheet



Expertise Applied | Answers Delivered

L17T SERIES TELCOM POWER FUSE

170 VDC • Current-Limiting • 70-1200 A



Description

Specifically designed for short-circuit protection of telecommunications circuits, the Littelfuse L17T series fuses provide reliable protection of sensitive DC power distribution systems. Constructed with silver plated elements for low I^2t and peak let-through, these advanced fuses virtually eliminate equipment damage due to surges and spikes. The L17T series fuse unique element geometry also provides cooler running temperatures, helping to minimize heat within enclosures.

Features

- Low I^2t
- Extremely current-limiting
- Low operating temperature
- 170 VDC rating

Specifications

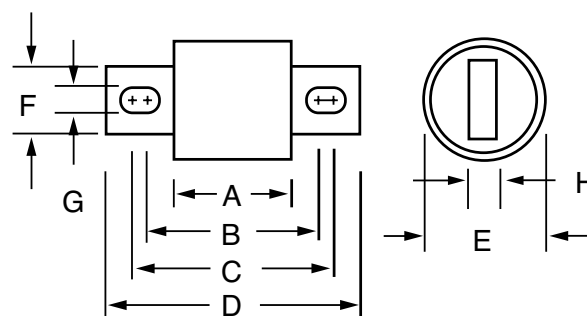
| | |
|----------------------------|--|
| Voltage Rating | 170 VDC |
| Interrupting Rating | 100 kA |
| Ampere Range | 70 – 1200 A |
| Approvals | UL Recognized (File: E71611) CSA Recognized (File: LR29862) |

Ordering Information

| AMPERE RATINGS | | | | | | |
|----------------|-----|-----|-----|-----|------|------|
| 70 | 125 | 200 | 300 | 450 | 800 | 1100 |
| 90 | 150 | 225 | 350 | 500 | 900 | 1200 |
| 100 | 175 | 250 | 400 | 600 | 1000 | — |

| SERIES | VOLTAGE | AMPERAGE | CATALOG NUMBER | ORDERING NUMBER |
|--------|---------|----------|----------------|-----------------|
| L17T | 170 | 1200 | L17T 1200 | L17T1200V |

Dimensions Inches (mm)



| AMPERE RATING | DIMENSIONS INCHES (mm) | | | | | | | |
|---------------|---|---|--|---|---|---|---|---|
| | A | B | C | D | E | F | G | H |
| 70 – 250 | 1 ⁵ / ₃₂ (29.4) | 1 ⁷ / ₈ (47.6) | 2 ³ / ₁₆ (55.6) | 2 ²¹ / ₃₂ (67.5) | 1 (25.4) | 7 ⁷ / ₈ (22.2) | 5 ⁵ / ₁₆ (7.9) | 3 ³ / ₁₆ (4.8) |
| 300 – 800 | 1 ¹ / ₄ (31.8) | 1 ¹⁵ / ₁₆ (49.2) | 2 ⁹ / ₁₆ (65.1) | 3 ¹ / ₂ (88.9) | 1 ¹ / ₂ (38.1) | 1 (25.4) | 1 ¹³ / ₃₂ (10.3) | 1 ¹ / ₄ (6.35) |
| 900 – 1200 | 1 ¹¹ / ₃₂ (34.0) | — | — | 4 ¹ / ₁₆ (103.1) | — | 1 ¹ / ₂ (38.1) | — | 1 ¹ / ₄ (6.35) |

Web Resources

For additional information, visit:

Littelfuse.com/l17t

Recommended Fuse Holders

LTFD 6001 and LTFD 1200 series, visit:

Littelfuse.com/lbfd