

5x25mm/ No. 240



Indicator, 250V

Time-Current Characteristic
Quick Acting (F)

Standard
None

Approvals
None

Specifications

Packaging

002: Pack (100 pcs.)

Materials

Tube: Ceramic
End Caps: Nickel-plated brass

Operating Temperature

-25°C to +70°C (consider de-rating)

Climatic Category

-25°C/+70°C/21 days (EN 60068-1..3)

Stock Conditions

+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew

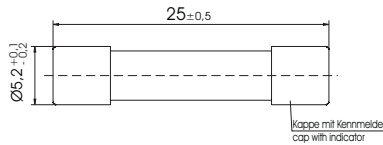
Vibration Resistance

24 cycles at 15 min. each (EN 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Marking

Ⓜ, F, Current Rating, 250V

Dimensions (mm)



Limits for Pre-arcing Time

| Rated Current | 1.5 x I _{Rated} | 2.1 x I _{Rated} | 4 x I _{Rated} | 10 x I _{Rated} |
|----------------|--------------------------|--------------------------|------------------------|-------------------------|
| 1.60A ... 6.3A | > 1h | < 30 min | < 300ms | < 20ms |

Permissible continuous operating current is 100 % at ambient temperature of 23°C (73.4°F).

| Rated Current | Amp Code | Voltage Rating | Breaking Capacity | Voltage Drop 1.0 x I _{Rated} max. (mV) | Power Dissipation 1.5 x I _{Rated} max. (W) | Melting Integral 10 x I _{Rated} max. (A ² s) | color of indicator |
|---------------|----------|-------------------|-------------------|--|--|---|--------------------|
| 1.6A | 1160 | 250V ¹ | | 640 | | 1.3 | orange |
| 2.0A | 1200 | 250V ¹ | 1500A @ 250 V AC | 420 | | 2.5 | blue |
| 2.5A | 1250 | 250V ¹ | 50Hz | 320 | on request | 5.8 | yellow |
| 4.0A | 1400 | 250V ¹ | cos φ = 0.7 | 200 | | 21.0 | brown |
| 6.3A | 1630 | 250V ¹ | | 170 | | 78.0 | green |

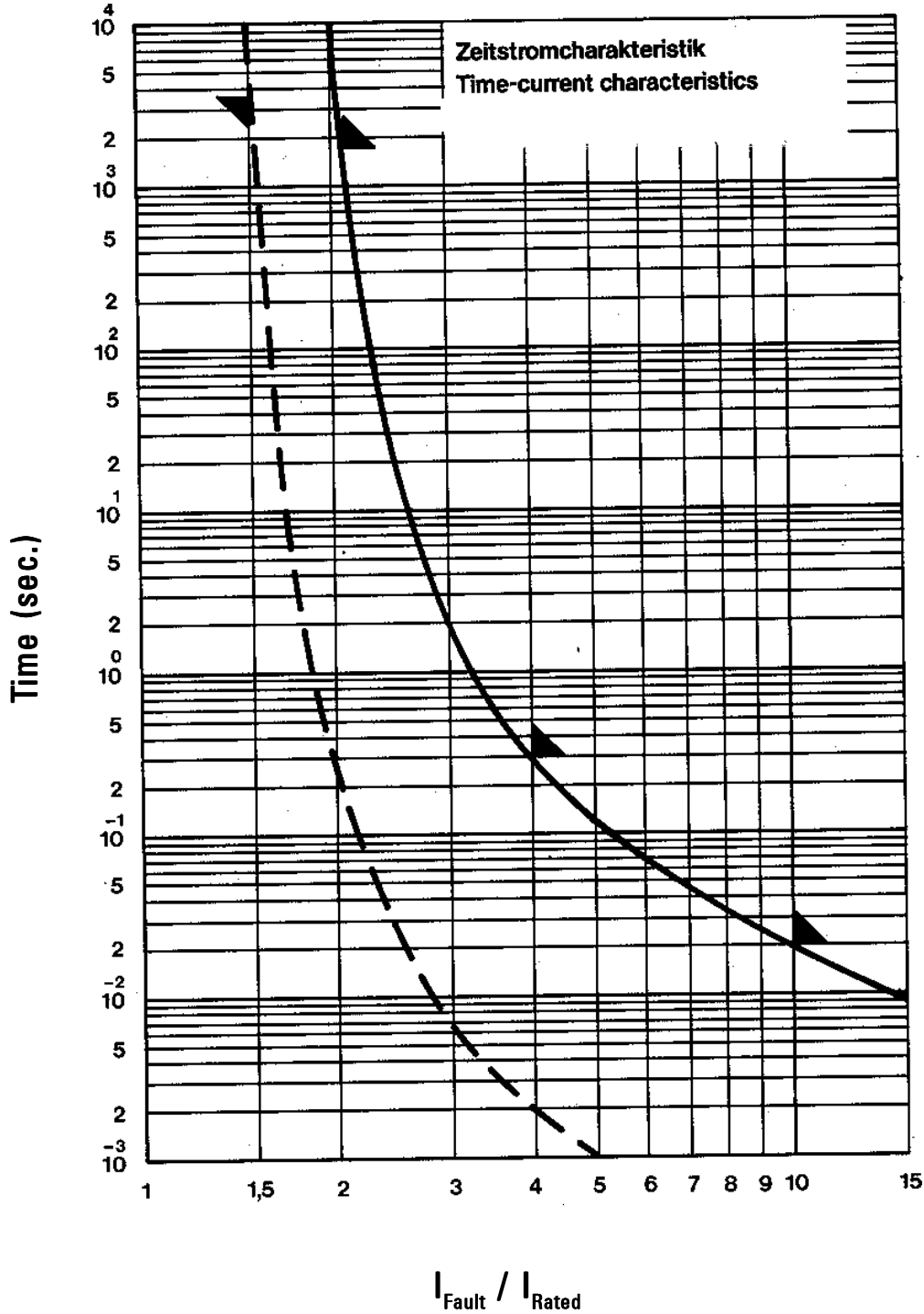
¹ Operating Voltage ≥ 10 V

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Order Information

| Qty. | Order-Number | Series | Amp Code | Packaging |
|------|--------------|--------|----------|-----------|
| | | 240 | | |

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Contact Littelfuse for individual I-t curves