

5x25mm/ No. 321



Indicator, 250V

Time-Current Characteristic
Mitteträge (M)

Standard
DIN 41577, T.2

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

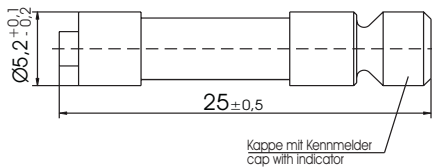
Vibration Resistance

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

Marking

Ⓜ, M, Current Rating, 250V, C

Dimensions



Limits for Pre-arcing Time

| Rated Current | 1.5 x I _{Rated} | 2.1 x I _{Rated} | 2.75 x I _{Rated} | 4 x I _{Rated} | 10 x I _{Rated} |
|-------------------|--------------------------|--------------------------|---------------------------|------------------------|-------------------------|
| 80mA ... 100mA | >1h | <2min | - | 40ms ... 500ms | > 5ms |
| 125 mA ... 630 mA | | | | 60ms ... 2s | |

Permissible continuous operating current is ≤ 80% 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} min. (A ² s) | color of indicator |
|---------------|----------|-------------------|---------------------------------------|--|--|---|--------------------|
| 80mA | 0080 | 250V ¹ | | 520 | | 0.015 | grey |
| 100mA | 0100 | 250V ¹ | | 500 | | 0.030 | red |
| 125mA | 0125 | 250V ¹ | | 500 | | 0.053 | velvet |
| 160mA | 0160 | 250V ¹ | 80A @ 250 V AC 50Hz cos φ = 1.0 | 480 | on request | 0.11 | orange |
| 200mA | 0200 | 250V ¹ | | 400 | | 0.23 | blue |
| 250mA | 0250 | 250V ¹ | | 500 | | 0.38 | yellow |
| 315mA | 0315 | 250V ¹ | | 470 | | 0.53 | black |
| 400mA | 0400 | 250V ¹ | | 400 | | 0.75 | brown |
| 500mA | 0500 | 250V ¹ | | 400 | | 1.5 | white |
| 630mA | 0630 | 250V ¹ | | 380 | | 2.3 | green |

¹ operating voltage ≥ 10 V

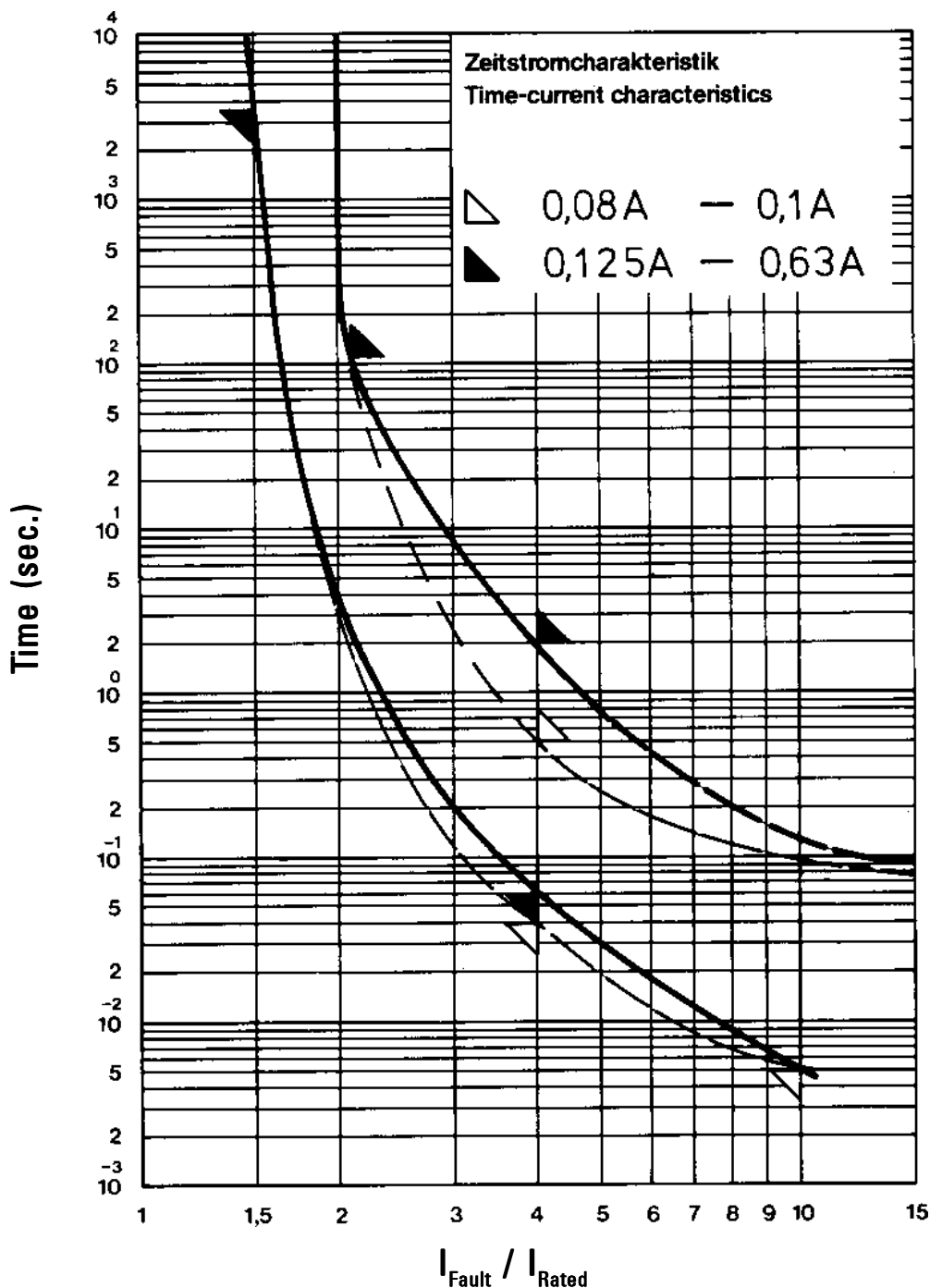
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Order Information

| Qty. | Order-Number | Series | Amp Code | Packaging |
|------|--------------|--------|----------|-----------|
| | | 321 | | |

Specifications are subject to change without notice

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Contact Littelfuse for individual I-t curves