

## 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

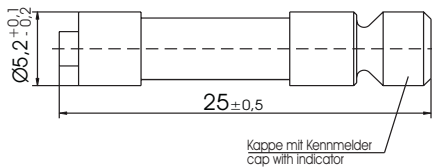
### Vibration Resistance

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 <sub>Rated</sub> | 2.1 x I <sub>Rated</sub> | 2.75 x I <sub>Rated</sub> | 4 x I <sub>Rated</sub> | 10 x I <sub>Rated</sub> |
|-------------------|--------------------------|--------------------------|---------------------------|------------------------|-------------------------|
| 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<br>1.0 x I <sub>Rated</sub> max. (mV) | Power Dissipation<br>1.5 x I <sub>Rated</sub> max. (W) | Melting Integral<br>10 x I <sub>Rated</sub> min. (A <sup>2</sup> s) | color of indicator |
|---------------|----------|-------------------|---------------------------------------|--|--|---|--------------------|
| 80mA          | 0080     | 250V <sup>1</sup> |                                       | 520  |  | 0.015   | grey               |
| 100mA         | 0100     | 250V <sup>1</sup> |                                       | 500  |  | 0.030   | red                |
| 125mA         | 0125     | 250V <sup>1</sup> |                                       | 500  |  | 0.053   | velvet             |
| 160mA         | 0160     | 250V <sup>1</sup> | 80A @ 250 V AC<br>50Hz<br>cos φ = 1.0 | 480  | on request   | 0.11  | orange             |
| 200mA         | 0200     | 250V <sup>1</sup> |                                       | 400  |  | 0.23  | blue               |
| 250mA         | 0250     | 250V <sup>1</sup> |                                       | 500  |  | 0.38  | yellow             |
| 315mA         | 0315     | 250V <sup>1</sup> |                                       | 470  |  | 0.53  | black              |
| 400mA         | 0400     | 250V <sup>1</sup> |                                       | 400  |  | 0.75  | brown              |
| 500mA         | 0500     | 250V <sup>1</sup> |                                       | 400  |  | 1.5   | white              |
| 630mA         | 0630     | 250V <sup>1</sup> |                                       | 380  |  | 2.3   | green              |

<sup>1</sup> operating voltage ≥ 10 V

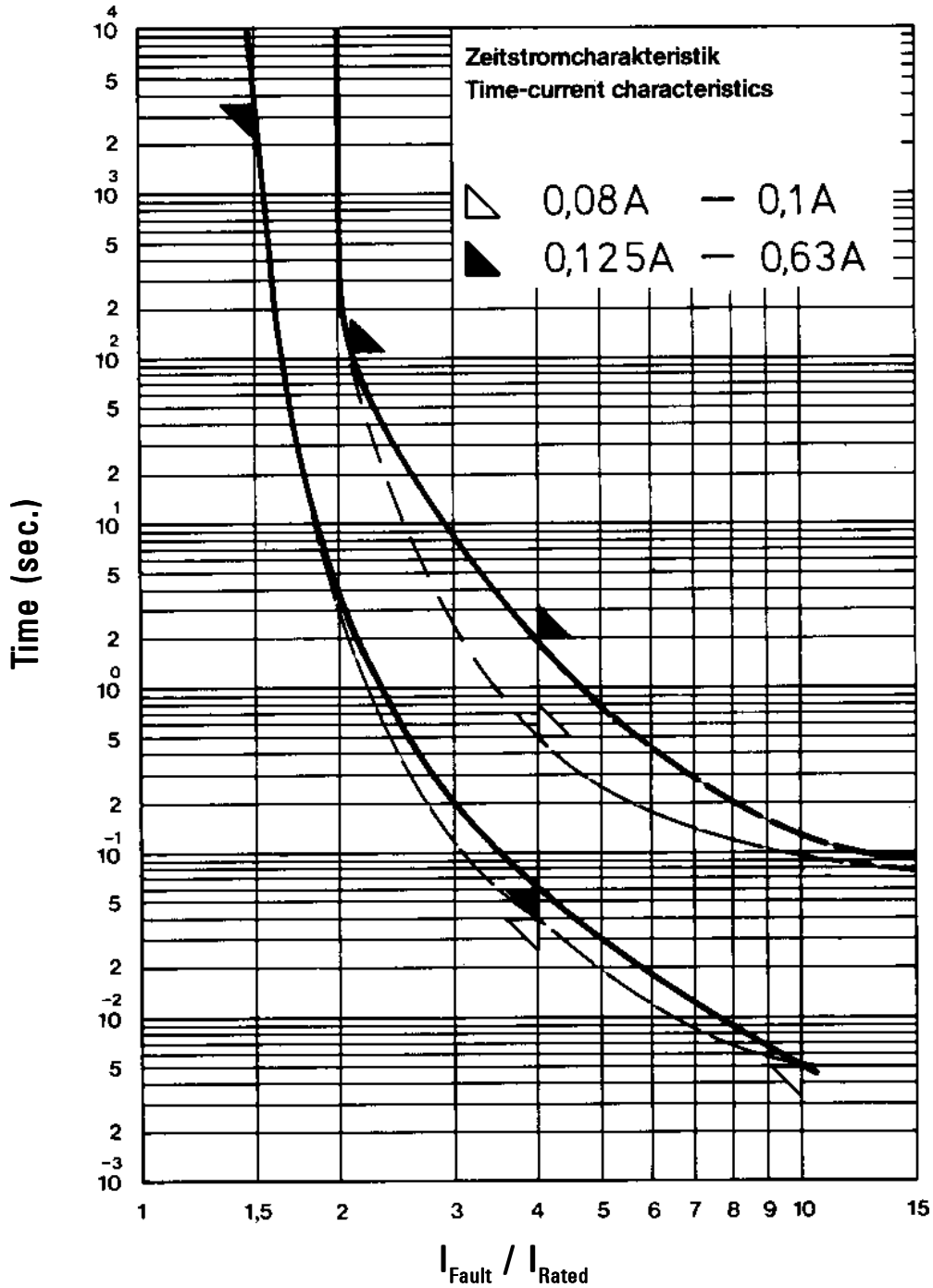
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

## 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