

## 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

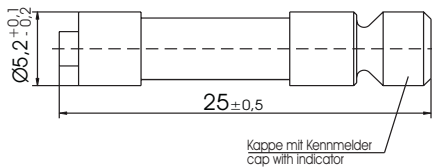
### Vibration Resistance

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 1.0 x I <sub>Rated</sub> max. (mV)	Power Dissipation 1.5 x I <sub>Rated</sub> max. (W)	Melting Integral 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 50Hz 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

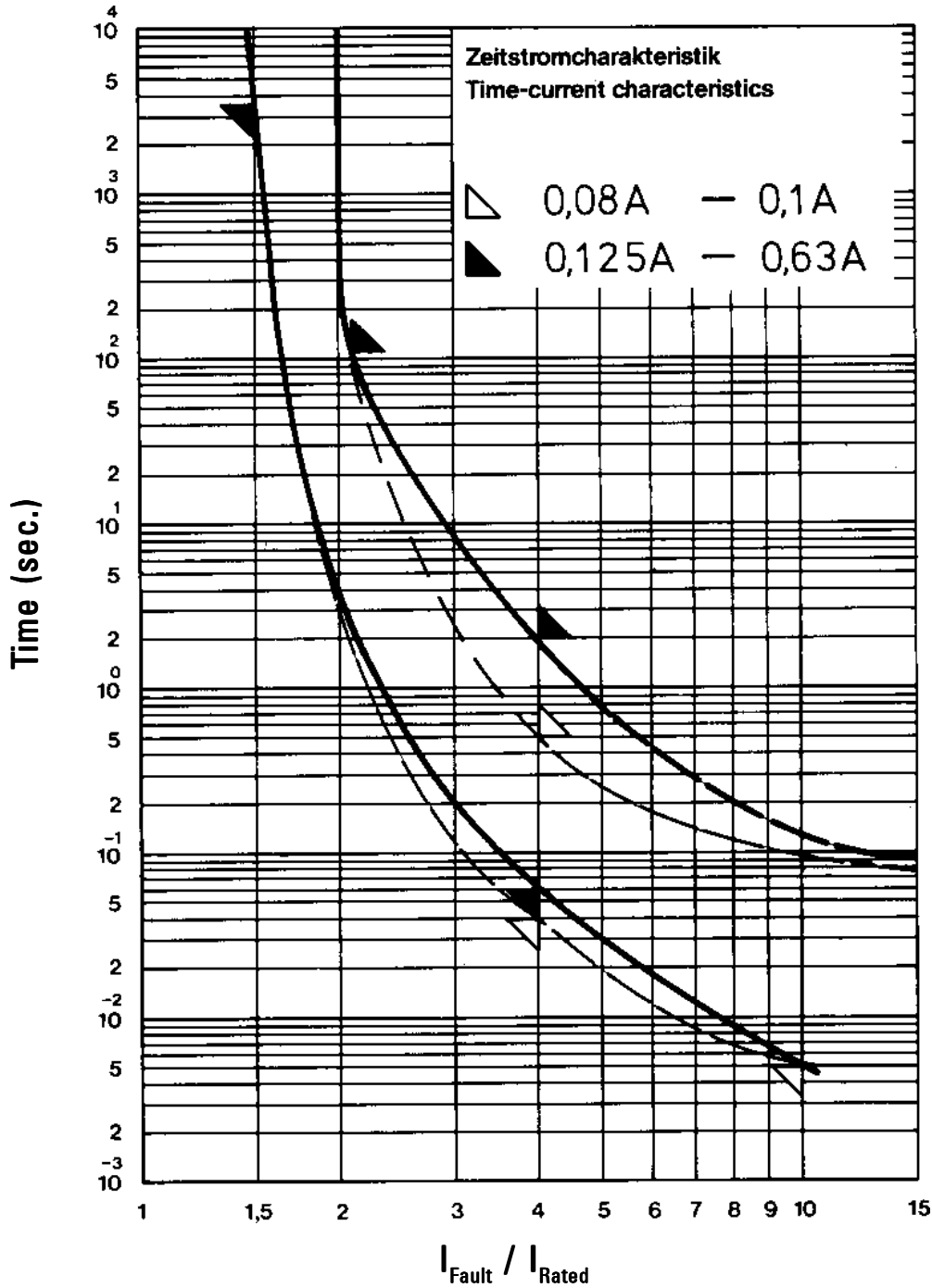
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

## 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