



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



5x25mm/ No. 241



Indicator, 250V

Time-Current Characteristic
Medium Time Lag (M)

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

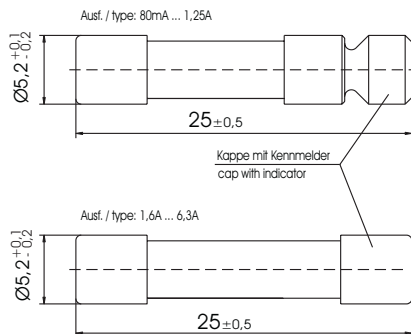
Vibration Resistance

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

Marking

Ⓜ, M, Current Rating, 250V

Dimensions (mm)



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 | | <2min | | 40ms ... 500ms | 5ms ... 30ms |
| 125mA ... 1.25A | >1h | <2min | - | 60ms ... 2s | 5ms ... 70ms |
| 1.6A ... 10A | | <30min | | 60ms ... 2s | 5ms ... 70ms |

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 | | 520 | | 0.015 | grey |
| 100mA | 0100 | 250V | | 500 | | 0.030 | red |
| 125mA | 0125 | 250V | | 500 | | 0.053 | velvet |
| 160mA | 0160 | 250V | 80A @ 250 V AC 50Hz cos φ = 1.0 | 400 | | 0.11 | orange |
| 200mA | 0200 | 250V | | 400 | | 0.23 | blue |
| 250mA | 0250 | 250V | | 375 | | 0.38 | yellow |
| 315mA | 0315 | 250V | | 410 | | 0.60 | black |
| 400mA | 0400 | 250V | | 280 | | 0.75 | brown |
| 500mA | 0500 | 250V | | 250 | | 1.5 | white |
| 630mA | 0630 | 250V | | 220 | on request | 2.3 | green |
| 800mA ⁴ | 0800 | 250V | | 400 | | 3.0 | grey |
| 1A ₄ | 1100 | 250V | | 350 | | 4.5 | red |
| 1.25A ₄ | 1125 | 250V | | 315 | | 6.8 | velvet |
| 1.6A ₁ | 1160 | 250V | | 480 | | 2.3 | orange |
| 2A ₁ | 1200 | 250V | | 360 | | 4.5 | blue |
| 2.5A ₁ | 1250 | 250V | 1500A @ 250 V AC 50Hz cos φ = 0.7 | 300 | | 7.5 | yellow |
| 3.15A ₁ | 1315 | 250V | | 250 | | 30 | black |
| 4A ₁ | 1400 | 250V | | 180 | | 34 | brown |
| 6.3A ₁ | 1630 | 250V | | 160 | | 140 | green |
| 8A _{1 2} | 1800 | 250V | | Ⓜ160 | | 170 | grey |
| 10A _{1 2} | 2100 | 250V | | Ⓜ150 | | 260 | red |

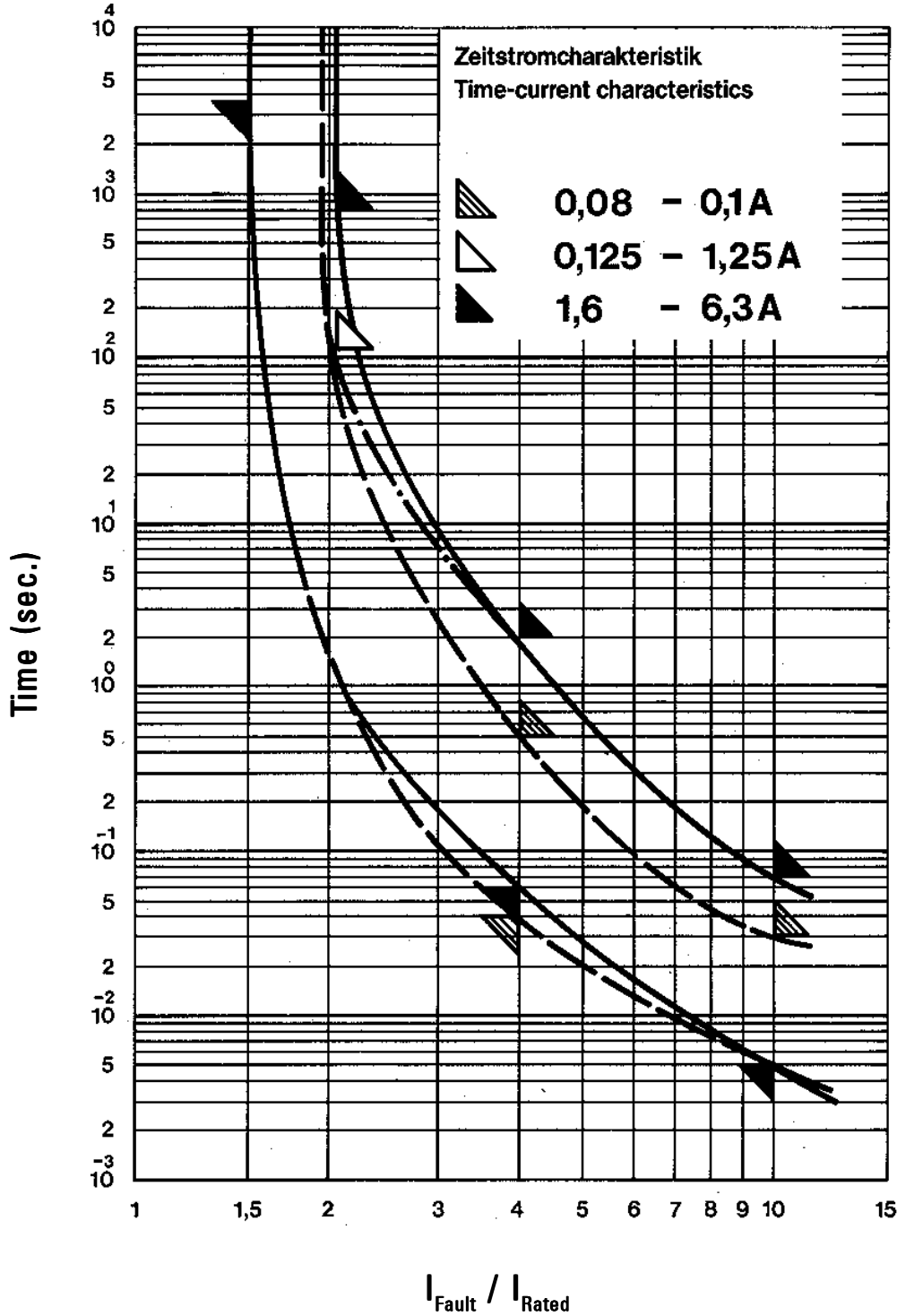
¹ 1.6 ... 10A looks like No. 240 ² not mentioned in the norms ³ operating temperature ≥ 10V ⁴ according to DIN 41576, T.2

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 |
|------|--------------|--------|----------|-----------|
| | | 241 | | |

5x25mm/ No. 241



Contact Littelfuse for individual I-t curves