

5x20 mm/No. 311 Indicator, 250 V



Time-Current Characteristic
Mittelträge (M)

Standard
DIN 41577, T.2

Approvals
None

Specifications

Packaging

002: Pack (20 x 10 pcs.)

Materials

Tube: Ceramic
End Caps: Nickel-plated brass

Operating Temperature

-40 °C to +85 °C (consider de-rating)

Climatic Category

-40 °C / +85 °C / 21 days
(IEC 60068-1,-2-1,-2-2,-2-78)

Stock Conditions

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

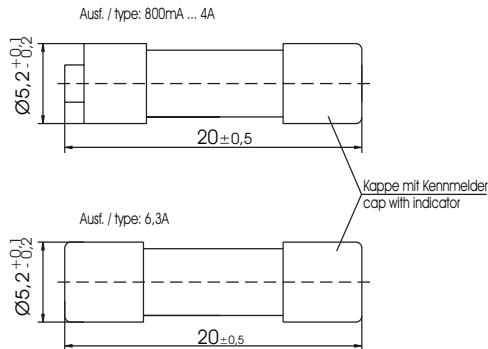
Vibration Resistance

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

Marking

Ⓜ, M, Current Rating, 250 V, G

Dimensions (mm)



Limits for Pre-arcing Time

| Rated Current | 1.5 x I _N | 2.1 x I _N | 2.75 x I _N | 4 x I _N | 10 x I _N |
|-------------------|----------------------|----------------------|-----------------------|--------------------|---------------------|
| 800 mA ... 6.30 A | > 1 h | < 30 min | - | 60 ms ... 2 s | 5 ms ... 70 ms |

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 _N Ⓜ max. (mV) | Power Dissipation 1.5 x I _N Ⓜ max. (W) | Melting Integral 10 x I _N Ⓜ min. (A ² s) | Approvals |
|--------------------|----------|--------------------|---|---|---|--|-----------|
| 800 mA | 0800 | 250 V ² | 1500 A @ 250 V AC 50 Hz cos φ = 0.7 | 400 | on request | 1.0 | None |
| 1 A | 1100 | 250 V ² | | 350 | | 1.2 | |
| 1.25 A | 1125 | 250 V ² | | 310 | | 1.7 | |
| 1.6 A | 1160 | 250 V ² | | 480 | | 2.5 | |
| 2 A | 1200 | 250 V ² | | 360 | | 4.5 | |
| 2.5 A | 1250 | 250 V ² | | 300 | | 8.2 | |
| 4 A | 1400 | 250 V ² | | 180 | | 30.0 | |
| 6.3 A ¹ | 1630 | 250 V ² | | 160 | | 94.0 | |

¹ without gauge stud

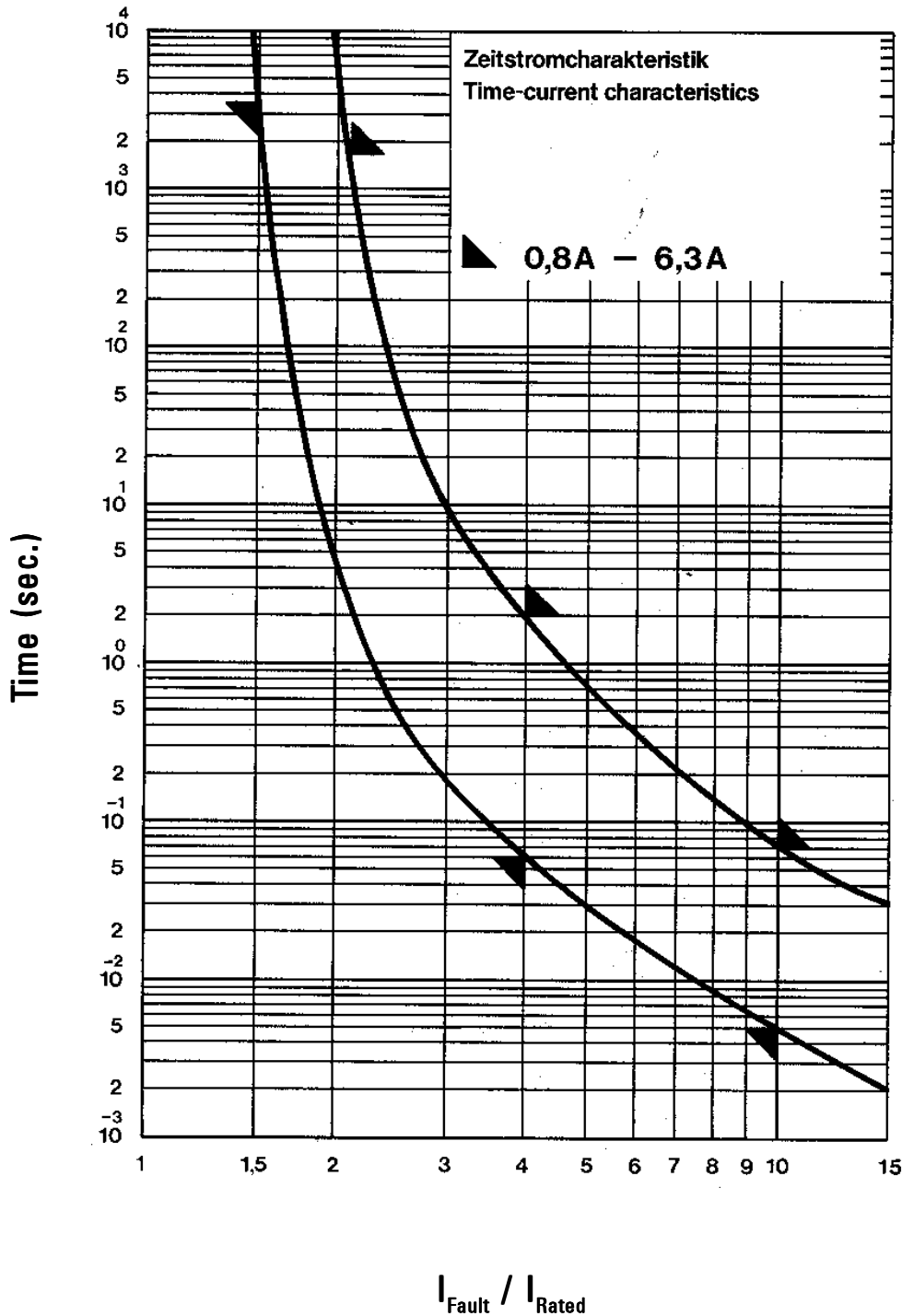
² operating voltage ≥ 10 V

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 |
|------|--------------|--------|----------|-----------|
| | | 311 | | |

5x20mm/ No. 311



Contact Littelfuse for individual I-t curves