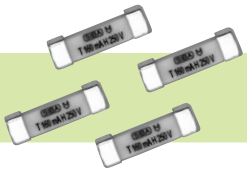
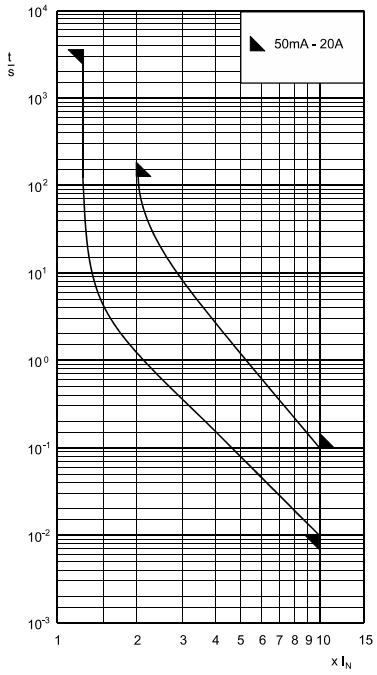
# Type 160016

E167295



Zeit/Strom-Kennlinien
Time-Current Characteristics




## Aufbau / Construction

| | |
|---|---|
| Isolierkörper / insulating body | Keramikrohr mit Füllung / ceramic tube with filling |
| Kontaktkappen / contact caps | Kupferlegierung, versilbert / copper-alloy, silver-plated |
| Lötwärmebeständigkeit / resistance to soldering heat: | 260 °C, 10 s (nach IEC 60068 / to IEC 60068) |

## Schmelzzeitgrenzwerte / Fusing time limits

| Bemessungsstrom Rated Current | 1,25 $I_N$ | | 2 $I_N$ | | 2,75 $I_N$ | | 4 $I_N$ | | 10 $I_N$ | |
|---|---|---|---|---|---|---|---|---|---|---|
| | min. | | max. | | min. | | max. | | min. | max. |
| 50 mA - 20 A | 1 h | | 2 min | | - | | - | | 10 ms | 100 ms |

| | | | |
|---|---|---|---|
| IEC 60127-4/2<br>UL 248-14 | **4,5 x 16 mm** | 250 V | T<br>träge<br>time-lag |

| Artikel-Nr.<br>Article-no. | Bemessungs-strom<br>Rated Current | Bemessungs-Ausschaltvermögen<br>Rated Breaking Capacity | Spannungsfall<br>Voltage Drop | Leistungsabgabe<br>Power Dissipation (@ 1,25 $I_N$) | Schmelzintegral<br>$I^2t_s$ Value (@ 10 $I_N$) | Approbationen<br>Approvals | |
|---|---|---|---|---|---|---|---|
| | | | mV | mW | $A^2s$ | Semko | UL rec |
| 160016.0,05 | 50 mA | 1500 A @ AC 305 V[1)] | 2600 | 260 | 0,010 | | ✓ |
| 160016.0,08 | 80 mA | 1500 A @ AC 305 V[1)] | 2050 | 270 | 0,025 | ✓ | ✓ |
| 160016.0,1 | 100 mA | 1500 A @ AC 305 V[1)] | 1750 | 290 | 0,030 | ✓ | ✓ |
| 160016.0,125 | 125 mA | 1500 A @ AC 305 V[1)] | 1430 | 310 | 0,055 | ✓ | ✓ |
| 160016.0,16 | 160 mA | 1500 A @ AC 305 V[1)] | 1220 | 340 | 0,065 | ✓ | ✓ |
| 160016.0,2 | 200 mA | 1500 A @ AC 305 V[1)] | 960 | 350 | 0,11 | ✓ | ✓ |
| 160016.0,25 | 250 mA | 1500 A @ AC 305 V[1)] | 840 | 360 | 0,19 | ✓ | ✓ |
| 160016.0,315 | 315 mA | 1500 A @ AC 305 V[1)] | 700 | 380 | 0,34 | ✓ | ✓ |
| 160016.0,4 | 400 mA | 1500 A @ AC 305 V[1)] | 570 | 400 | 0,54 | ✓ | ✓ |
| 160016.0,5 | 500 mA | 1500 A @ AC 305 V[1)] | 490 | 430 | 0,86 | ✓ | ✓ |
| 160016.0,63 | 630 mA | 1500 A @ AC 305 V[1)] | 410 | 460 | 1,5 | ✓ | ✓ |
| 160016.0,8 | 800 mA | 1500 A @ AC 305 V[1)] | 350 | 490 | 2,6 | ✓ | ✓ |
| 160016.1 | 1 A | 1500 A @ AC 305 V[1)] | 380 | 640 | 4,5 | ✓ | ✓ |
| 160016.1,25 | 1,25 A | 1500 A @ AC 305 V[1)] | 340 | 790 | 4,1 | ✓ | ✓ |
| 160016.1,6 | 1,6 A | 1500 A @ AC 305 V[1)] | 330 | 970 | 6,2 | ✓ | ✓ |
| 160016.2 | 2 A | 1500 A @ AC 305 V[1)] | 280 | 1060 | 13 | ✓ | ✓ |
| 160016.2,5 | 2,5 A | 1500 A @ AC 305 V[1)] | 240 | 1120 | 21 | ✓ | ✓ |
| 160016.3,15 | 3,15 A | 1500 A @ AC 305 V[1)] | 200 | 1200 | 35 | ✓ | ✓ |
| 160016.4 | 4 A | 1500 A @ AC 305 V[1)] | 160 | 1250 | 49 | ✓ | ✓ |
| 160016.5 | 5 A | 1500 A @ AC 277 V[1)] | 140 | 1300 | 92 | ✓ | ✓ |
| 160016.6,3 | 6,3 A | 1500 A @ AC 277 V[1)] | 120 | 1370 | 170 | ✓ | ✓ |
| 160016.8 | 8 A | 1500 A @ AC 250 V[1)] | 90 | 1250 | 160 | ✓ | ✓ |
| 160016.10 | 10 A | 1500 A @ AC 250 V[1)] | 80 | 1500 | 280 | ✓ | ✓ |

[1)] 1500A @ DC 250V

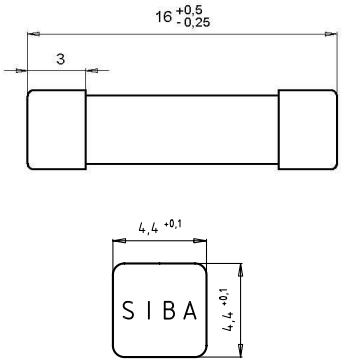
**Sonderausschaltvermögen - special breaking capacity 4000A @ AC 250V cosφ = 0,7-0,8**

**Neu / New**

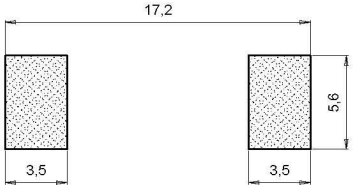
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **160016.12,5** | **12,5 A** | **1000 A @ AC 125 V[2)]** | **90** | **2000** | **330** | | ✓ |
| **160016.16** | **16 A** | **1000 A @ AC 125 V[2)]** | **90** | **3200** | **590** | | ✓ |
| **160016.20** | **20 A** | **1000 A @ AC 125 V[2)]** | **85** | **3800** | **1100** | | ✓ |

[2)] **1500A @ DC 125V**

Abmessungen
Dimensions




Empfohlene Anschlussflächen
Recommended pad layout




| Type | Abk.<br>Abbr. | Beschreibung<br>Description |
|---|---|---|
| 160016 | - | 100 Stück / pieces (5 Gurtabschnitte/tape sections von/of 20 Stück/pieces.) |
| | GT | 1.500 Stück gegurtet / 1.500 pieces on tape |
| z.B./ e.g. | 160016.1,25GT | |



Änderungen vorbehalten
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