

Gerätesicherung, 5 x 20 mm, Träge T, L, 250 VAC



IEC 60127-2 · 250 VAC · Träge T



### Beschreibung

- IEC Standard Sicherung
- L = Tiefes Ausschaltvermögen (Glasrohr)

### Standards

- IEC 60127-2/3
- UL 248-14
- CSA C22.2 no. 248.14
- Telcordia GR-1089
- UL 60950 / IEC 60950
- ITU-T K.20 und K.21
- TIA-968-A

### Zulassungen

- VDE Ausweisnummer: 40016601
- UL Ausweisnummer: E41599

### Anwendungen

- Primärschutz in Geräten


### Referenzen

Pigtail Typ [FST 5x20 Pigtail](#)  
Bestückter Sicherungshalter [OGN-SMD](#)  
Sortimentskasten [Sortimentskasten FST 5x20](#); [Sortimentskasten FST 5x20 / SP 5x20](#)

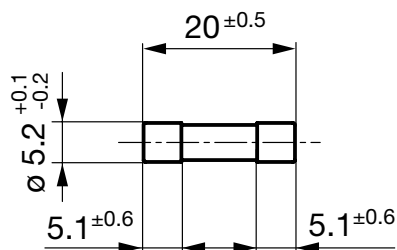
### Weblinks

[pdf-Datenblatt](#), [html-Datenblatt](#), [Allgemeine Produktinformationen](#), [Zulassungen](#), [CE-Konformitätserklärung](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailanfrage zu Typ](#)

### Technische Daten

|                          |  |
|--------------------------|--|
| Nennspannung             | 250 VAC  |
| Nennstrom                | 0.02 - 20 A  |
| Ausschaltvermögen        | 35 A - 200 A   |
| Charakteristik           | Träge T  |
| Zulässige Umgebungstemp. | -55 °C bis 125 °C  |
| Klimakategorie           | 55/125/21 gemäss IEC 60068-1   |
| Material: Körper         | Glas   |
| Material: Endkappen      | Kupferlegierung, vernickelt  |
| Einzelgewicht            | 1 g  |
| Lagerbedingungen         | 0 °C bis 60 °C, max. 70% r.F.  |
| Stempelung               |  Nennstrom, Nennspannung, Charakteristik, Schaltvermögen, Prüfzeichen |

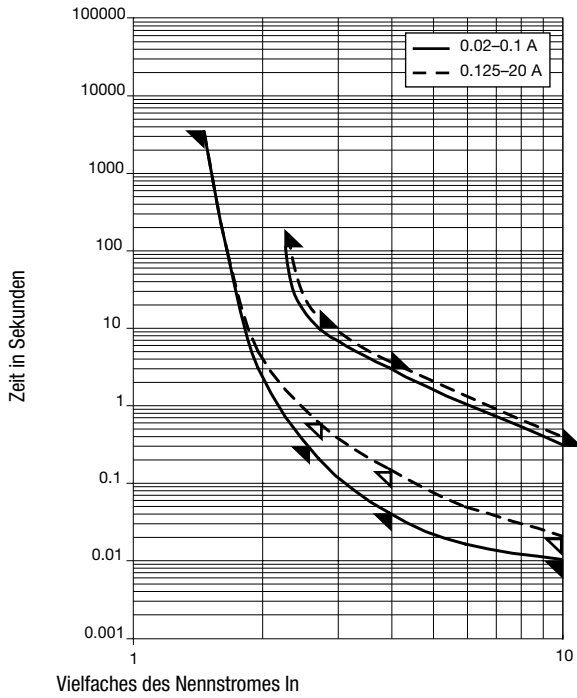
### Abmessung









## Schmelzzeiten







| Nennstrom I <sub>n</sub> | 1.5 x I <sub>n</sub> min. | 2.1 x I <sub>n</sub> max. | 2.75 x I <sub>n</sub> min. | 2.75 x I <sub>n</sub> max. | 4.0 x I <sub>n</sub> min. | 4.0 x I <sub>n</sub> max. | 10.0 x I <sub>n</sub> min. | 10.0 x I <sub>n</sub> max. |
|--------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| 0.02 A                   | 60 min                    | -                         | -                          | -                          | 40 ms                     | 3 s                       | 10 ms                      | 300 ms                     |
| 0.032 A - 0.1 A          | 60 min                    | 120 s                     | 200 ms                     | 10 s                       | 40 ms                     | 3 s                       | 10 ms                      | 300 ms                     |
| 0.125 A - 6.3 A          | 60 min                    | 120 s                     | 600 ms                     | 10 s                       | 150 ms                    | 3 s                       | 20 ms                      | 300 ms                     |
| 8 A - 20 A               | 30 min                    | 120 s                     | 600 ms                     | 10 s                       | 150 ms                    | 3 s                       | 20 ms                      | 300 ms                     |

## Zeit-Strom-Kennlinien



## Alle Varianten

| Nennstrom [A] | Nennspannung [VAC] | Ausschaltvermögen | Spannungsabfall 1.0 I <sub>n</sub> max. [mV] | Spannungsabfall 1.0 I <sub>n</sub> typ. [mV] | Verlustleistung 1.5 I <sub>n</sub> max. [mW] | Verlustleistung 1.5 I <sub>n</sub> typ. [mW] | Schmelzintegral 10.0 Intyp. [A <sup>2</sup> s] |       | Bestell-Nummer |
|---------------|--------------------|-------------------|--|--|--|--|--|--|----------------|
| 0.02          | 250                | 1)                | -  | 2700   | -  | 100  | 0.0012   |  | 0034.3101      |
| 0.032         | 250                | 1)                | 5000   | 3000   | 1600   | 200  | 0.0019   | ●  | 0034.3102      |
| 0.04          | 250                | 1)                | 4000   | 2100   | 1600   | 200  | 0.0027   | ● ● ●  | 0034.3103      |
| 0.05          | 250                | 1)                | 3500   | 950  | 1600   | 125  | 0.0363   | ● ● ●  | 0034.3104      |
| 0.063         | 250                | 1)                | 3000   | 1300   | 1600   | 200  | 0.0401   | ● ● ●  | 0034.3105      |
| 0.08          | 250                | 1)                | 3000   | 1100   | 1600   | 300  | 0.057  | ● ● ●  | 0034.3106      |
| 0.1           | 250                | 1)                | 2500   | 565  | 1600   | 155  | 0.107  | ● ● ●  | 0034.3107      |
| 0.125         | 250                | 1)                | 2000   | 400  | 1600   | 200  | 0.064  | ● ● ●  | 0034.3108      |
| 0.16          | 250                | 1)                | 1900   | 415  | 1600   | 185  | 0.23   | ● ● ●  | 0034.3109      |
| 0.2           | 250                | 1)                | 1500   | 270  | 1600   | 200  | 0.256  | ● ● ●  | 0034.3110      |
| 0.25          | 250                | 1)                | 1300   | 210  | 1600   | 200  | 0.238  | ● ● ●  | 0034.3111      |
| 0.315         | 250                | 1)                | 1100   | 170  | 1600   | 200  | 0.544  | ● ● ●  | 0034.3112      |
| 0.4           | 250                | 1)                | 1000   | 150  | 1600   | 200  | 0.768  | ● ● ●  | 0034.3113      |
| 0.5           | 250                | 1)                | 900  | 160  | 1600   | 200  | 3  | ● ● ●  | 0034.3114      |
| 0.63          | 250                | 1)                | 300  | 160  | 1600   | 300  | 4.35   | ● ● ●  | 0034.3115      |
| 0.8           | 250                | 1)                | 250  | 120  | 1600   | 300  | 3.85   | ● ● ●  | 0034.3116      |
| 1             | 250                | 1)                | 150  | 60   | 1600   | 200  | 3.3  | ● ● ● ●  | 0034.3117      |
| 1.25          | 250                | 1)                | 150  | 60   | 1600   | 300  | 5.5  | ● ● ● ●  | 0034.3118      |
| 1.6           | 250                | 1)                | 150  | 60   | 1600   | 300  | 10.5   | ● ● ● ●  | 0034.3119      |
| 2             | 250                | 1)                | 150  | 60   | 1600   | 300  | 16   | ● ● ● ●  | 0034.3120      |

| Nennstrom [A] | Nennspannung [VAC] | Aus-schaltver-mögen | Spannungs-abfall 1.0 I <sub>n</sub> max. [mV] | Spannungs-abfall 1.0 I <sub>n</sub> typ. [mV] | Verlustlei-stung 1.5 I <sub>n</sub> max. [mW] | Verlustlei-stung 1.5 I <sub>n</sub> typ. [mW] | Schmelz-in-tegral 10.0 Intyp. [A <sup>2</sup> s] |  |  |  |  |  |  | Bestell-Nummer |
|---------------|--------------------|---------------------|---|---|---|---|--|---|---|---|---|---|---|----------------|
| 2.5           | 250                | 1)                  | 120   | 60  | 1600  | 400   | 21.9   | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3121      |
| 3.15          | 250                | 1)                  | 100   | 60  | 1600  | 500   | 47   | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3122      |
| 4             | 250                | 2)                  | 100   | 60  | 1600  | 800   | 68.3   | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3123      |
| 5             | 250                | 2)                  | 100   | 60  | 1600  | 900   | 102  | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3124      |
| 6.3           | 250                | 2)                  | 100   | 60  | 1600  | 1000  | 190  | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3125      |
| 8             | 250                | 2)                  | 100   | 60  | 4000  | 1300  | 275  | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3126      |
| 10            | 250                | 2)                  | 100   | 60  | 4000  | 1300  | 520  | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3127      |
| 12.5          | 250                | 2)                  | -   | 60  | -   | 2500  | 750  | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3128      |
| 16            | 250                | 2)                  | -   | 60  | -   | 3300  | 1638   | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3129      |
| 20            | 250                | 2)                  | -   | 60  | -   | 4200  | 3057   | ●   | ●   | ●   | ●   | ●   | ●   | 0034.3130      |

■ Oft verkauft.

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1) 35 A @ 250 VAC

2) 10 x I<sub>n</sub> @ 250 VAC

**Verpackungseinheit** xxxx.xxxx      Kleine Verpackung (10 St.)  
 xxxx.xxxx.G      Kartonschachtel 128 x 91 x 60 mm (1000 St.)