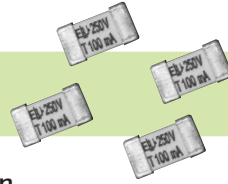
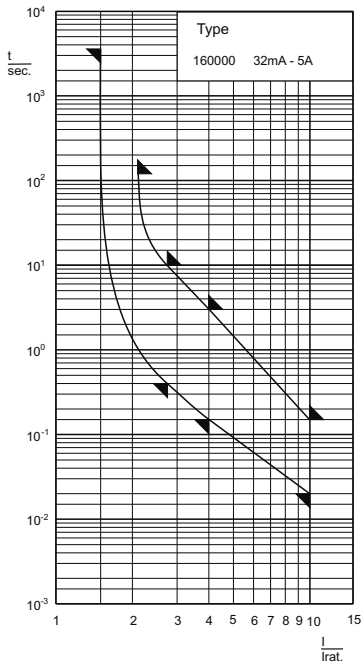


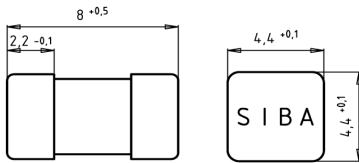
**Type  
160000**



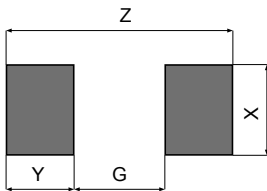
**Zeit/Strom-Kennlinien  
Time-Current Characteristics**



**Abmessungen  
Dimensions**



**Empfohlene Anschlussflächen  
Recommended pad layout**



| Lötung<br>Soldering | Reflow<br>Reflow | Welle<br>Wave |
|---------------------|------------------|---------------|
| G                   | 3,6 mm           | 3,6 mm        |
| X                   | 5,6 mm           | 6,8 mm        |
| Y                   | 2,7 mm           | 4,2 mm        |
| Z                   | 9 mm             | 12 mm         |

**Aufbau / Construction**

Isolierkörper / insulating body

Kontaktkappen / contact caps

Lötwärmebeständigkeit /  
resistance to soldering heat:

Keramikrohr undurchsichtig /  
ceramic tube non-transparent  
Messing, versilbert / brass, silver-plated

260 °C, 10 s (Lötbad / solder bath)  
(nach IEC 60068-2-58 / to IEC 60068-2-58)

**Schmelzzeitgrenzwerte / Fusing time limits**

| Bemessungsstrom<br>Rated Current | 1,5 I <sub>n</sub> | 2,1 I <sub>n</sub> | 2,75 I <sub>n</sub> |      | 4 I <sub>n</sub> |      | 10 I <sub>n</sub> |        |
|----------------------------------|--------------------|--------------------|---------------------|------|------------------|------|-------------------|--------|
|                                  | min.               | max.               | min.                | max. | min.             | max. | min.              | max.   |
| 32 mA - 5 A                      | 1 h                | 2 min              | 400 ms              | 10 s | 150 ms           | 3 s  | 20 ms             | 150 ms |

|           |                   |       |                        |
|-----------|-------------------|-------|------------------------|
| IEC 60127 | <b>4,5 x 8 mm</b> | 250 V | T<br>träge<br>time-lag |
|-----------|-------------------|-------|------------------------|

| Artikel-Nr.<br>Article-no. | Bemessungs-<br>strom<br>Rated Current | Bemessungs-<br>Ausschaltvermögen<br>Rated Breaking<br>Capacity | Spannungsfall<br>Voltage Drop | Leistungsabgabe<br>Power Dissipa-<br>tion (@1,5 I <sub>n</sub> ) | Schmelzintegral<br>I <sup>2</sup> t <sub>s</sub> Value | Approbationen<br>Approvals |
|----------------------------|---------------------------------------|----------------------------------------------------------------|-------------------------------|------------------------------------------------------------------|--------------------------------------------------------|----------------------------|
|                            |                                       |                                                                | mV                            | mW                                                               | A <sup>2</sup> s                                       | UL rec.                    |
| 160000.0,032               | 32 mA                                 | 100 A @ AC 250 V                                               | 1000                          | 100                                                              | 0,012                                                  | ✓                          |
| 160000.0,04                | 40 mA                                 | 100 A @ AC 250 V                                               | 860                           | 150                                                              | 0,015                                                  | ✓                          |
| 160000.0,05                | 50 mA                                 | 100 A @ AC 250 V                                               | 660                           | 155                                                              | 0,017                                                  | ✓                          |
| 160000.0,063               | 63 mA                                 | 100 A @ AC 250 V                                               | 580                           | 160                                                              | 0,02                                                   | ✓                          |
| 160000.0,08                | 80 mA                                 | 100 A @ AC 250 V                                               | 480                           | 165                                                              | 0,035                                                  | ✓                          |
| 160000.0,1                 | 100 mA                                | 100 A @ AC 250 V                                               | 350                           | 170                                                              | 0,06                                                   | ✓                          |
| 160000.0,125               | 125 mA                                | 100 A @ AC 250 V                                               | 300                           | 180                                                              | 0,12                                                   | ✓                          |
| 160000.0,16                | 160 mA                                | 100 A @ AC 250 V                                               | 280                           | 190                                                              | 0,21                                                   | ✓                          |
| 160000.0,2                 | 200 mA                                | 100 A @ AC 250 V                                               | 260                           | 200                                                              | 0,32                                                   | ✓                          |
| 160000.0,25                | 250 mA                                | 100 A @ AC 250 V                                               | 240                           | 220                                                              | 0,5                                                    | ✓                          |
| 160000.0,315               | 315 mA                                | 100 A @ AC 250 V                                               | 220                           | 250                                                              | 0,8                                                    | ✓                          |
| 160000.0,4                 | 400 mA                                | 100 A @ AC 250 V                                               | 200                           | 280                                                              | 1,1                                                    | ✓                          |
| 160000.0,5                 | 500 mA                                | 100 A @ AC 250 V                                               | 190                           | 310                                                              | 1,8                                                    | ✓                          |
| 160000.0,63                | 630 mA                                | 100 A @ AC 250 V                                               | 180                           | 360                                                              | 3,2                                                    | ✓                          |
| 160000.0,8                 | 800 mA                                | 100 A @ AC 250 V                                               | 160                           | 430                                                              | 5,2                                                    | ✓                          |
| 160000.1                   | 1 A                                   | 100 A @ AC 250 V                                               | 140                           | 500                                                              | 6,8                                                    | ✓                          |
| 160000.1,25                | 1,25 A                                | 100 A @ AC 250 V                                               | 130                           | 600                                                              | 12                                                     | ✓                          |
| 160000.1,6                 | 1,6 A                                 | 100 A @ AC 250 V                                               | 120                           | 730                                                              | 22                                                     | ✓                          |
| 160000.2                   | 2 A                                   | 100 A @ AC 250 V                                               | 100                           | 870                                                              | 30                                                     | ✓                          |
| 160000.2,5                 | 2,5 A                                 | 100 A @ AC 250 V                                               | 100                           | 1000                                                             | 46                                                     | ✓                          |
| 160000.3,15                | 3,15 A                                | 100 A @ AC 250 V                                               | 100                           | 1200                                                             | 80                                                     | ✓                          |
| 160000.4                   | 4 A                                   | 100 A @ AC 250 V                                               | 100                           | 1400                                                             | 130                                                    | ✓                          |
| 160000.5                   | 5 A                                   | 100 A @ AC 250 V                                               | 100                           | 1700                                                             | 130                                                    | ✓                          |

| Type       | Abk.<br>Abbr. | Beschreibung<br>Description             |
|------------|---------------|-----------------------------------------|
| 160000     | -             | 100 Stück / pieces                      |
|            | GT            | 500 Stück gegurtet / 500 pieces on tape |
| z.B./ e.g. | 160000.0,5GT  |                                         |