

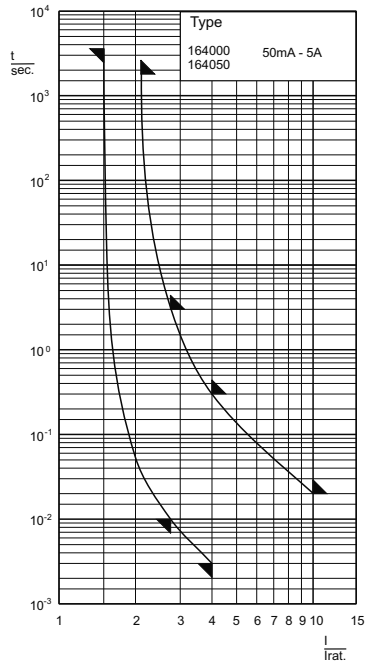
Type  
**164000**



Type  
**164050**



Zeit/Strom-Kennlinien  
Time-Current Characteristics



**Aufbau / Construction**

Gehäuse / body

Thermoplast, braun / thermoplastic, brown  
temperaturbeständig / temperature resistant  
selbstverlöschend / self-extinguishing

Anschlussstifte / terminations

0,6 mm Ø, verzinkt / tinned  
löt- oder steckbar / solder or plug

**Verpackung / Packing**

100 Stück / pieces  
1000 Stück gegurtet / pieces on tape (GT)

**Zubehör / Related Products**

Sicherungs-Halter / fuse-holder 166602

siehe Seite / see page 70

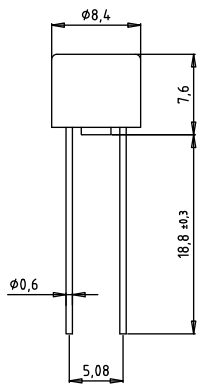
**Schmelzeitgrenzwerte / Fusing time limits**

| 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.  | min.              | max. |
| 50 mA - 6,3 A                    | 1 h                | 30 min | 10 ms              | 3 s  | 3 ms                | 300 ms | -                | 20 ms |                   |      |

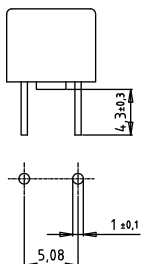
|                                               |                     |       |                            |
|-----------------------------------------------|---------------------|-------|----------------------------|
| IEC 60127-3/3<br>EN 60127-3/3<br>VDE 0820-3/3 | <b>8,4 x 7,6 mm</b> | 250 V | F<br>flink<br>quick acting |
|-----------------------------------------------|---------------------|-------|----------------------------|

Abmessungen  
Dimensions

164000



164050



| 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>90</sub> Value | Approbationen<br>Approvals |         |
|---------------------------------------|----------------------------------------------------------------|-------------------------------|------------------------------------------------------------------|---------------------------------------------------------|----------------------------|---------|
|                                       |                                                                | mV                            | mW                                                               | A <sup>2</sup> s                                        | Semko                      | UL rec. |
| 50 mA                                 | 35 A @ AC 250 V                                                | 820                           | 95                                                               | 0,0003                                                  | ✓                          | ✓       |
| 63 mA                                 | 35 A @ AC 250 V                                                | 750                           | 110                                                              | 0,0007                                                  | ✓                          | ✓       |
| 80 mA                                 | 35 A @ AC 250 V                                                | 630                           | 120                                                              | 0,0015                                                  | ✓                          | ✓       |
| 100 mA                                | 35 A @ AC 250 V                                                | 550                           | 155                                                              | 0,0035                                                  | ✓                          | ✓       |
| 125 mA                                | 35 A @ AC 250 V                                                | 500                           | 175                                                              | 0,006                                                   | ✓                          | ✓       |
| 160 mA                                | 35 A @ AC 250 V                                                | 460                           | 210                                                              | 0,011                                                   | ✓                          | ✓       |
| 200 mA                                | 35 A @ AC 250 V                                                | 150                           | 80                                                               | 0,018                                                   | ✓                          | ✓       |
| 250 mA                                | 35 A @ AC 250 V                                                | 140                           | 90                                                               | 0,036                                                   | ✓                          | ✓       |
| 315 mA                                | 35 A @ AC 250 V                                                | 130                           | 120                                                              | 0,05                                                    | ✓                          | ✓       |
| 400 mA                                | 35 A @ AC 250 V                                                | 120                           | 140                                                              | 0,10                                                    | ✓                          | ✓       |
| 500 mA                                | 35 A @ AC 250 V                                                | 110                           | 160                                                              | 0,18                                                    | ✓                          | ✓       |
| 630 mA                                | 35 A @ AC 250 V                                                | 100                           | 180                                                              | 0,33                                                    | ✓                          | ✓       |
| 800 mA                                | 35 A @ AC 250 V                                                | 90                            | 200                                                              | 0,14                                                    | ✓                          | ✓       |
| 1 A                                   | 35 A @ AC 250 V                                                | 80                            | 220                                                              | 0,24                                                    | ✓                          | ✓       |
| 1,25 A                                | 35 A @ AC 250 V                                                | 75                            | 260                                                              | 0,35                                                    | ✓                          | ✓       |
| 1,6 A                                 | 35 A @ AC 250 V                                                | 70                            | 350                                                              | 0,6                                                     | ✓                          | ✓       |
| 2 A                                   | 35 A @ AC 250 V                                                | 65                            | 380                                                              | 1,2                                                     | ✓                          | ✓       |
| 2,5 A                                 | 35 A @ AC 250 V                                                | 60                            | 420                                                              | 2,0                                                     | ✓                          | ✓       |
| 3,15 A                                | 35 A @ AC 250 V                                                | 60                            | 580                                                              | 3,5                                                     | ✓                          | ✓       |
| 4 A                                   | 40 A @ AC 250 V                                                | 60                            | 700                                                              | 6,2                                                     | ✓                          | ✓       |
| 5 A                                   | 50 A @ AC 250 V                                                | 60                            | 900                                                              | 13                                                      | ✓                          | ✓       |
| 6,3 A <sup>1)</sup>                   | 63 A @ AC 250 V                                                | 60                            | 1100                                                             | 19                                                      | ✓                          | ✓       |

<sup>1)</sup> Zusätzlich lieferbare Bemessungsströme / Non-standard ratings also available