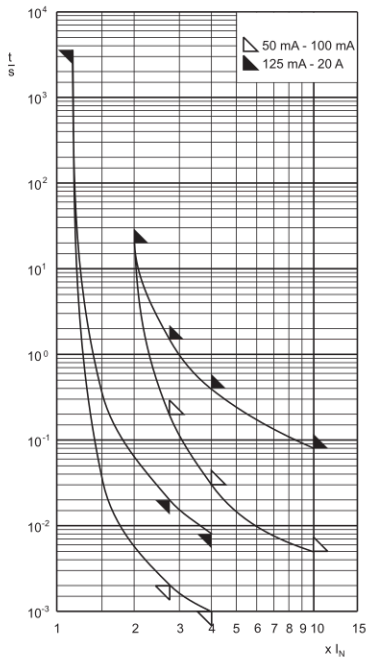


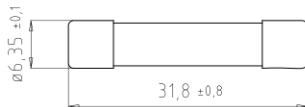
Type  
**189000**



Zeit/Strom-Kennlinien  
Time-Current Characteristics



Abmessungen  
Dimensions



**Aufbau / Construction**

Glasrohr / glass tube

durchsichtig / transparent

Kontaktkappen / end caps

Messing, vernickelt / brass, nickel-plated

**Schmelzeitgrenzwerte / Fusing time limits**

| Bemessungsstrom<br>Rated Current | 2 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.  |
| 50 mA - 100 mA                   | -                | 20 s | 2 ms                | 200 ms | 1 ms             | 30 ms  | -                 | 5 ms  |
| 125 mA - 20 A                    | -                | 20 s | 20 ms               | 1,5 s  | 8 ms             | 400 ms | -                 | 80 ms |

|                 |                                      |       |                            |
|-----------------|--------------------------------------|-------|----------------------------|
| (IEC 60127-2/4) | <b>6,3 x 32 mm</b><br>(0,25 x 1,25") | 250 V | F<br>flink<br>quick acting |
|-----------------|--------------------------------------|-------|----------------------------|

| 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 (@ 1,15 I <sub>n</sub> ) | Schmelzintegral<br>I <sup>2</sup> t <sub>s</sub> Value | Approbationen<br>Approvals |
|----------------------------|---------------------------------------|----------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------|--------------------------------------------------------|----------------------------|
|                            |                                       |                                                                | mV                            | W                                                                  | A <sup>2</sup> s                                       |                            |
| 189000.0,05                | 50 mA                                 | 35 A @ AC 250 V                                                | 9600                          | 0,7                                                                | 0,0003                                                 |                            |
| 189000.0,063               | 63 mA                                 | 35 A @ AC 250 V                                                | 6000                          | 0,5                                                                | 0,0005                                                 |                            |
| 189000.0,08                | 80 mA                                 | 35 A @ AC 250 V                                                | 5000                          | 0,6                                                                | 0,001                                                  |                            |
| 189000.0,1                 | 100 mA                                | 35 A @ AC 250 V                                                | 4500                          | 0,7                                                                | 0,0014                                                 |                            |
| 189000.0,125               | 125 mA                                | 35 A @ AC 250 V                                                | 4000                          | 0,7                                                                | 0,0034                                                 |                            |
| 189000.0,16                | 160 mA                                | 35 A @ AC 250 V                                                | 3500                          | 0,8                                                                | 0,007                                                  |                            |
| 189000.0,2                 | 200 mA                                | 35 A @ AC 250 V                                                | 650                           | 0,2                                                                | 0,02                                                   |                            |
| 189000.0,25                | 250 mA                                | 35 A @ AC 250 V                                                | 650                           | 0,3                                                                | 0,04                                                   |                            |
| 189000.0,315               | 315 mA                                | 35 A @ AC 250 V                                                | 600                           | 0,3                                                                | 0,08                                                   |                            |
| 189000.0,4                 | 400 mA                                | 35 A @ AC 250 V                                                | 500                           | 0,3                                                                | 0,15                                                   |                            |
| 189000.0,5                 | 500 mA                                | 35 A @ AC 250 V                                                | 450                           | 0,3                                                                | 0,32                                                   |                            |
| 189000.0,63                | 630 mA                                | 35 A @ AC 250 V                                                | 400                           | 0,4                                                                | 0,26                                                   |                            |
| 189000.0,8                 | 800 mA                                | 35 A @ AC 250 V                                                | 350                           | 0,4                                                                | 0,57                                                   |                            |
| 189000.1                   | 1 A                                   | 35 A @ AC 250 V                                                | 300                           | 0,5                                                                | 1,1                                                    |                            |
| 189000.1,25                | 1,25 A                                | 35 A @ AC 250 V                                                | 300                           | 0,6                                                                | 2                                                      |                            |
| 189000.1,6                 | 1,6 A                                 | 35 A @ AC 250 V                                                | 300                           | 0,7                                                                | 3,3                                                    |                            |
| 189000.2                   | 2 A                                   | 35 A @ AC 250 V                                                | 250                           | 0,8                                                                | 6,2                                                    |                            |
| 189000.2,5                 | 2,5 A                                 | 35 A @ AC 250 V                                                | 220                           | 0,9                                                                | 13                                                     |                            |
| 189000.3,15                | 3,15 A                                | 35 A @ AC 250 V                                                | 200                           | 1,1                                                                | 24                                                     |                            |
| 189000.4                   | 4 A                                   | 40 A @ AC 250 V                                                | 200                           | 1,3                                                                | 40                                                     |                            |
| 189000.5                   | 5 A                                   | 50 A @ AC 250 V                                                | 180                           | 1,4                                                                | 80                                                     |                            |
| 189000.6,3                 | 6,3 A                                 | 63 A @ AC 250 V                                                | 170                           | 1,6                                                                | 150                                                    |                            |
| 189000.8                   | 8 A                                   | 80 A @ AC 250 V                                                | 160                           | 2                                                                  | 240                                                    |                            |
| 189000.10                  | 10 A                                  | 100 A @ AC 250 V                                               | 150                           | 2,3                                                                | 500                                                    |                            |
| 189000.12,5                | 12,5 A                                | 125 A @ AC 250 V                                               | 140                           | 2,5                                                                | 650                                                    |                            |
| 189000.16                  | 16 A                                  | 160 A @ AC 250 V                                               | 130                           | 2,8                                                                | 1250                                                   |                            |
| 189000.20                  | 20 A                                  | 200 A @ AC 250 V                                               | 130                           | 4,0                                                                | 1600                                                   |                            |

Bei Verwendung dieser G-Sicherungseinsätze ab 6,3 A ist auf ausreichende Wärmeabfuhr zu achten.  
When using this type from 6.3 A up, consideration should be given to heat dissipation.

| Type       | Abk.<br>Abbr. | Beschreibung<br>Description                                     |
|------------|---------------|-----------------------------------------------------------------|
| 189000     | -             | 100 Stück / Pieces (10 x 10)                                    |
|            | IP            | 1.000 Stück Industrieverpackung / 1.000 pieces industrial packs |
|            | AK            | mit montierten Aufsteckkappen/ with assembled push-on caps      |
| z.B./ e.g. |               | 189000.3,15IP                                                   |