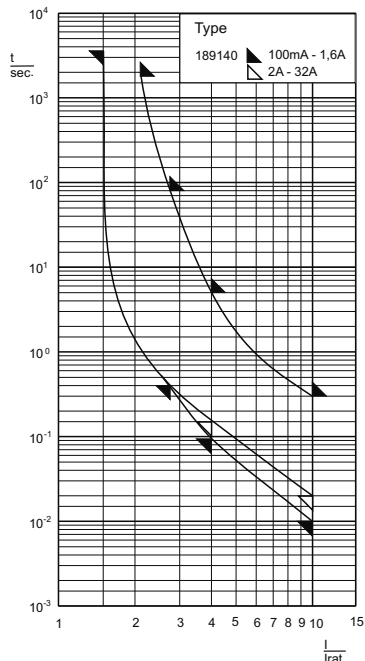


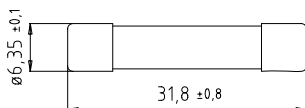
Type 189140



Zeit/Strom-Kennlinien
Time-Current Characteristics



Abmessungen
Dimensions



Aufbau / Construction
Keramikrohr / ceramic tube

undurchsichtig / non transparent
mit Löschmittelfüllung / with filling

Kontaktkappen / end caps

Messing, vernickelt / brass, nickel-plated

Verpackung / Packing

100 Stück / pieces (10 x 10)
1000 Stück Industrieverpackung / pieces industrial packs (IP)

Schmelzeitgrenzwerte / Fusing time limits

| Bemessungsstrom Rated Current | 1,5 I _n | | 2 I _n | | 2,75 I _n | | 4 I _n | | 10 I _n | |
|----------------------------------|--------------------|--------|------------------|------|---------------------|------|------------------|--------|-------------------|------|
| | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. |
| 100 mA - 1,6 A | 1 h | 30 min | 400 ms | 80 s | 95 ms | 5 s | 10 ms | 300 ms | | |
| 2 A - 32 A | 1 h | 30 min | 400 ms | 80 s | 150 ms | 5 s | 20 ms | 300 ms | | |

| | | | |
|---------------------------|--------------------------------------|-------------------------|------------------------|
| Sondertyp Special type | 6,3 x 32 mm (0,25 x 1,25") | 500 V 440 V 250 V | T träge time-lag |
|---------------------------|--------------------------------------|-------------------------|------------------------|

| Bemessungs- strom Rated Current | Bemessungs- Ausschaltvermögen Rated Breaking Capacity | Spannungsfall Voltage Drop | Leistungsabgabe Power Dissipa- tion (@ 1,5 I _n) | Schmelzintegral I ² t ₅ Value | Approbationen Approvals | |
|---------------------------------------|--|-------------------------------|---|--|----------------------------|---|
| | | | | | UL rec. | |
| 100 mA | 1,5 kA @ AC 500 V ¹⁾ | 3600 | 1,3 | 0,04 | | |
| 125 mA | 1,5 kA @ AC 500 V ¹⁾ | 3400 | 1,4 | 0,06 | | |
| 160 mA | 1,5 kA @ AC 500 V ¹⁾ | 3000 | 1,5 | 0,1 | | |
| 200 mA | 1,5 kA @ AC 500 V ¹⁾ | 2500 | 1,6 | 0,18 | | |
| 250 mA | 1,5 kA @ AC 500 V ¹⁾ | 2000 | 1,7 | 0,25 | | |
| 315 mA | 1,5 kA @ AC 500 V ¹⁾ | 1800 | 1,8 | 0,45 | | |
| 400 mA | 1,5 kA @ AC 500 V ¹⁾ | 1600 | 2,0 | 0,45 | | |
| 500 mA | 1,5 kA @ AC 500 V ¹⁾ | 450 | 0,6 | 0,35 | | ✓ |
| 630 mA | 1,5 kA @ AC 500 V ¹⁾ | 400 | 0,7 | 0,49 | | ✓ |
| 800 mA | 1,5 kA @ AC 500 V ¹⁾ | 350 | 0,8 | 0,9 | | ✓ |
| 1 A | 1,5 kA @ AC 500 V ¹⁾ | 350 | 0,9 | 1,4 | | ✓ |
| 1,25 A | 1,5 kA @ AC 500 V ¹⁾ | 300 | 1,0 | 3,2 | | ✓ |
| 1,6 A | 1,5 kA @ AC 500 V ¹⁾ | 200 | 1,1 | 5,2 | | ✓ |
| 2 A | 1,5 kA @ AC 500 V ¹⁾ | 180 | 1,2 | 10 | | ✓ |
| 2,5 A | 1,5 kA @ AC 500 V ¹⁾ | 160 | 1,3 | 19 | | ✓ |
| 3,15 A | 1,5 kA @ AC 500 V ¹⁾ | 150 | 1,4 | 37 | | ✓ |
| 4 A | 1,5 kA @ AC 500 V ¹⁾ | 140 | 1,5 | 68 | | ✓ |
| 5 A | 1,5 kA @ AC 500 V ¹⁾ | 135 | 2,2 | 80 | | ✓ |
| 6,3 A | 1,5 kA @ AC 500 V ¹⁾ | 110 | 2,2 | 215 | | ✓ |
| 8 A | 1,5 kA @ AC 500 V ¹⁾ | 110 | 2,6 | 370 | | ✓ |
| 10 A | 1,5 kA @ AC 500 V ¹⁾ | 100 | 3,0 | 620 | | ✓ |
| 12,5 A | 1,5 kA @ AC 500 V ²⁾ | 100 | 3,5 | 1300 | | ✓ |
| 16 A | 1,5 kA @ AC 500 V ²⁾ | 100 | 4 | 2500 | | ✓ |
| 20 A | 1,5 kA @ AC 440 V ²⁾ | 100 | 6 | 3400 | | |
| 25 A | 1,5 kA @ AC 440 V ²⁾ | 100 | 8 | 5600 | | |
| 32 A | 1,5 kA @ AC 250 V ²⁾ | 80 | 10 | 3900 | | |

¹⁾ cosφ = 1 10 kA @ AC 440 V cosφ = 0,3
²⁾ cosφ = 1

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.