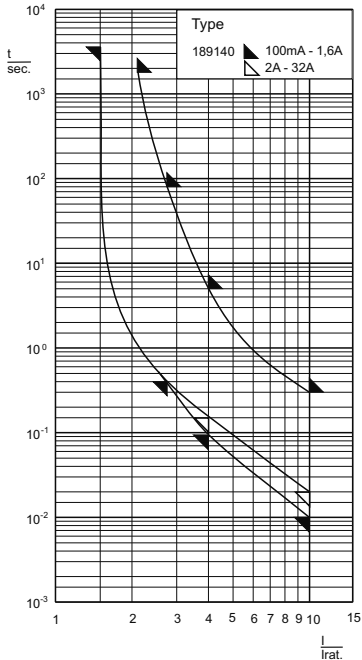


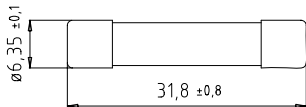
Type
189140



Zeit/Strom-Kennlinien
Time-Current Characteristics



Abmessungen
Dimensions



Auch als SMD Version verfügbar
Also available as SMD version
1 A - 6,3 A



Aufbau / Construction
Keramicrohr / ceramic tube

undurchsichtig / non transparent
mit Löschmittelfüllung / with filling

Kontaktkappen / end caps

Messing, vernickelt / brass, nickel-plated

Schmelzeitgrenzwerte / Fusing time limits

| Bemessungsstrom Rated Current | 1,5 I _n | | 2,1 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 |
|---------------------------|--------------------------------------|-------------------------|------------------------|

| Artikel-Nr. Article-no. | Bemessungsstrom Rated Current | Bemessungs-Ausschaltvermögen Rated Breaking Capacity | Spannungsfall Voltage Drop | Leistungsabgabe Power Dissipation (@ 1,5 I _n) | Schmelzintegral I ² t _s Value | Approbationen Approvals |
|----------------------------|----------------------------------|---|-------------------------------|--|--|----------------------------|
| | | | mV | W | A ² s | UL rec. |
| 189140.0,1 | 100 mA | 1,5 kA @ AC 500 V ¹⁾ | 3600 | 1,3 | 0,04 | ✓ |
| 189140.0,125 | 125 mA | 1,5 kA @ AC 500 V ¹⁾ | 3400 | 1,4 | 0,06 | ✓ |
| 189140.0,16 | 160 mA | 1,5 kA @ AC 500 V ¹⁾ | 3000 | 1,5 | 0,1 | ✓ |
| 189140.0,2 | 200 mA | 1,5 kA @ AC 500 V ¹⁾ | 2500 | 1,6 | 0,18 | ✓ |
| 189140.0,25 | 250 mA | 1,5 kA @ AC 500 V ¹⁾ | 2000 | 1,7 | 0,25 | ✓ |
| 189140.0,315 | 315 mA | 1,5 kA @ AC 500 V ¹⁾ | 1800 | 1,8 | 0,45 | ✓ |
| 189140.0,4 | 400 mA | 1,5 kA @ AC 500 V ¹⁾ | 1600 | 2,0 | 0,45 | ✓ |
| 189140.0,5 | 500 mA | 1,5 kA @ AC 500 V ¹⁾ | 450 | 0,6 | 0,35 | ✓ |
| 189140.0,63 | 630 mA | 1,5 kA @ AC 500 V ¹⁾ | 400 | 0,7 | 0,49 | ✓ |
| 189140.0,8 | 800 mA | 1,5 kA @ AC 500 V ¹⁾ | 350 | 0,8 | 0,9 | ✓ |
| 189140.1 | 1 A | 1,5 kA @ AC 500 V ¹⁾ | 350 | 0,9 | 1,4 | ✓ |
| 189140.1,25 | 1,25 A | 1,5 kA @ AC 500 V ¹⁾ | 300 | 1,0 | 3,2 | ✓ |
| 189140.1,6 | 1,6 A | 1,5 kA @ AC 500 V ¹⁾ | 200 | 1,1 | 5,2 | ✓ |
| 189140.2 | 2 A | 1,5 kA @ AC 500 V ¹⁾ | 180 | 1,2 | 10 | ✓ |
| 189140.2,5 | 2,5 A | 1,5 kA @ AC 500 V ¹⁾ | 160 | 1,3 | 19 | ✓ |
| 189140.3,15 | 3,15 A | 1,5 kA @ AC 500 V ²⁾ | 150 | 1,4 | 37 | ✓ |
| 189140.4 | 4 A | 1,5 kA @ AC 500 V ²⁾ | 140 | 1,5 | 68 | ✓ |
| 189140.5 | 5 A | 1,5 kA @ AC 500 V ²⁾ | 135 | 2,2 | 80 | ✓ |
| 189140.6,3 | 6,3 A | 1,5 kA @ AC 500 V ²⁾ | 110 | 2,2 | 215 | ✓ |
| 189140.8 | 8 A | 1,5 kA @ AC 500 V ¹⁾ | 110 | 2,6 | 370 | ✓ |
| 189140.10 | 10 A | 1,5 kA @ AC 500 V ¹⁾ | 100 | 3,0 | 620 | ✓ |
| 189140.12,5 | 12,5 A | 1,5 kA @ AC 500 V ³⁾ | 100 | 3,5 | 1300 | ✓ |
| 189140.16 | 16 A | 1,5 kA @ AC 500 V ³⁾ | 100 | 4 | 2500 | ✓ |
| 189140.20 | 20 A | 1,5 kA @ AC 440 V ³⁾ | 100 | 6 | 3400 | |
| 189140.25 | 25 A | 1,5 kA @ AC 440 V ³⁾ | 100 | 8 | 5600 | |
| 189140.32 | 32 A | 1,5 kA @ AC 250 V ³⁾ | 80 | 10 | 3900 | |

¹⁾ cosφ = 1 1,5kA @ DC 400 V (ohne Approbation / without approval)

²⁾ cosφ = 1 **ULrec: 1,5kA @ DC 400 V**

³⁾ cosφ = 1 1,5kA @ DC 300 V (ohne Approbation / without approval)

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. Abbr. | Beschreibung Description |
|------------|--------------|---|
| | - | 100 Stück / Pieces (10 x 10) |
| 189140 | IP | 1.000 Stück Industrieverpackung / 1.000 pieces industrial packs |
| | AK | mit montierten Aufsteckkappen/ with assembled push-on caps |
| z.B./ e.g. | 189140.1,6IP | |