

## MAXI™ Blade Fuse Rated 32V

RoHS



### Specifications

DIN 72581-3E

SAE J888

ISO 8820

**Voltage Rating:**

32 VDC

**Interrupting Ratings:**

1000A @ 32 VDC

**Operating Temperature Range:**

-40°C to +125°C

The MAXI fuse uses “Diffusion Pill Technology” to provide predictable time delay characteristic and low heat dissipation. Current rating 20A – 80A, 32 VDC.

Die MAXI-Sicherung basiert auf einer speziellen Diffusionstechnologie (Diffusionspille) und zeichnet sich durch eine genau definierte Verzögerungscharakteristik und geringe Wärmeabgabe aus. Nennstrom 20A bis 80A, 32 VDC.

### Time-Current Characteristics / Schmelzzeit-Grenzwerte

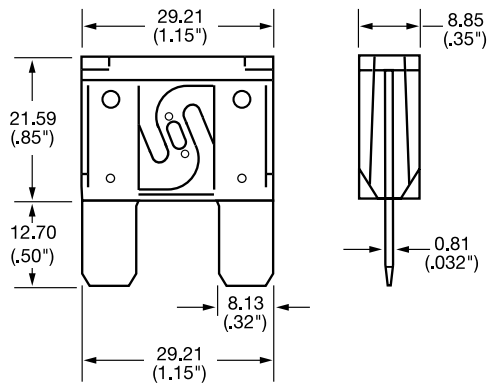
| % of Rating<br>% des Nennstromes | Opening Time Min / Max (s) / Schmelzcharakteristik Min / Max (s) |      |      |      |      |      |      |      |      |
|----------------------------------|------------------------------------------------------------------|------|------|------|------|------|------|------|------|
|                                  | 20A                                                              | 25A  | 30A  | 35A  | 40A  | 50A  | 60A  | 70A  | 80A  |
| 135                              | 1800                                                             | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 3600 | 3600 |
|                                  | 60                                                               | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   |
| 200                              | 20                                                               | 30   | 30   | 40   | 40   | 50   | 60   | 60   | 60   |
|                                  | 4                                                                | 4    | 6    | 6    | 8    | 10   | 15   | 4    | 4    |
| 350                              | 2                                                                | 4    | 4    | 5    | 5    | 6    | 7    | 2    | 2    |
|                                  | 0.7                                                              | 0.7  | 1    | 1    | 1.4  | 1.7  | 2    | 0.20 | 0.20 |
| 600                              | 1                                                                | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
|                                  | 0.15                                                             | 0.15 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | .1   | .1   |

| Part Number<br>Artikel-Nr. | Current Rating<br>Nennstrom | Housing Color<br>Kennfarbe                                                          | Typ. Voltage Drop<br>Typ. Spannungsfall | Cold Resistance<br>Kaltwiderstand | I <sup>2</sup> t |
|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------|------------------|
| 0299020_                   | 20 A                        |  | 76 mV                                   | 3.10 mΩ                           | 1100 A²s         |
| 0299025_                   | 25 A                        |  | 75 mV                                   | 2.39 mΩ                           | 2087 A²s         |
| 0299030_                   | 30 A                        |  | 77 mV                                   | 1.95 mΩ                           | 4070 A²s         |
| 0299035_                   | 35 A                        |  | 75 mV                                   | 1.71 mΩ                           | 6032 A²s         |
| 0299040_                   | 40 A                        |  | 75 mV                                   | 1.42 mΩ                           | 8450 A²s         |
| 0299050_                   | 50 A                        |  | 73 mV                                   | 1.10 mΩ                           | 11300 A²s        |
| 0299060_                   | 60 A                        |  | 77 mV                                   | 0.89 mΩ                           | 15300 A²s        |
| 0299070_                   | 70 A                        |  | 61 mV                                   | 0.64 mΩ                           | 6900 A²s         |
| 0299080_                   | 80 A                        |  | 62 mV                                   | 0.54 mΩ                           | 8800 A²s         |

Last figure of part number = packaging code, see Section “Packaging Index,” pg. 157.  
Corresponding holder see Section “Fuse Holders.”

## MAXI™ Blade Fuse Rated 32V

Dimensions in mm / Maße in mm



MAXI Fuse Temperature Derating Curve

