

MINIVAL® BLADE TYPE FUSE

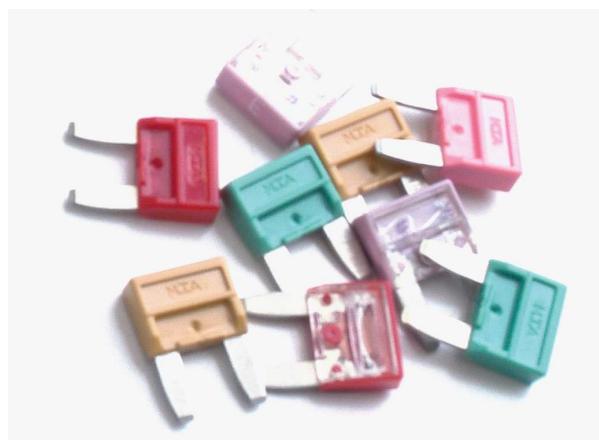
MiniVAL® fuses are compliant with ISO 8820-3 Standard (Type "F"): This medium slow fuse is the most popular standard in automotive protection for low cross-section wires.

MiniVAL® are made of Zinc alloy, whose low melting temperature avoids heavy over temperatures.

Breaking capacity: 1000[A]

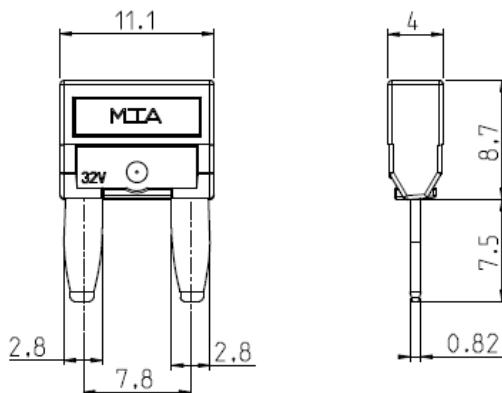
Voltage rating: 32[Vdc]

Ambient temperature: -40°C to +125°C

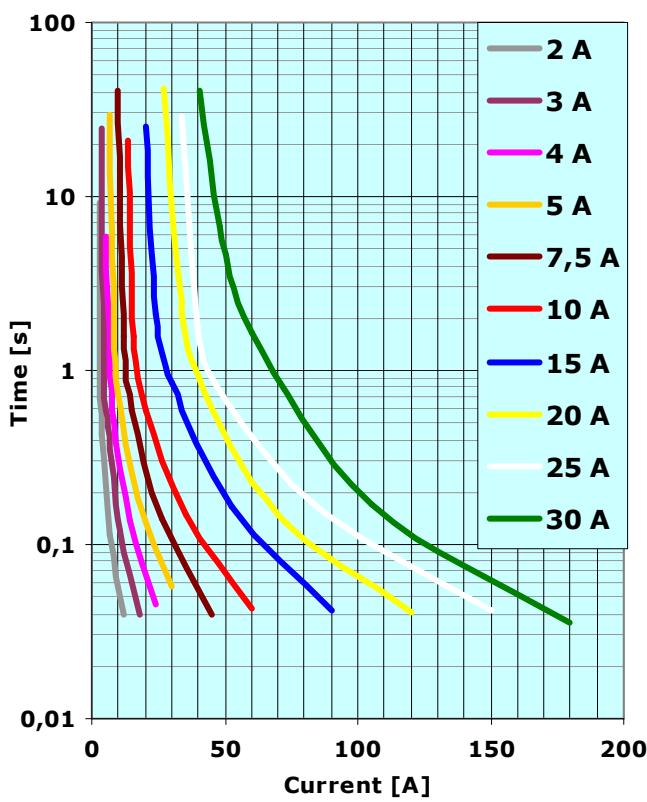


| MTA/ISO MiniVAL® operating time limits | | |
|--|---------|---------|
| % I _N | min [s] | max [s] |
| 110 | 360000 | - |
| 135 | 0,75 | 120 (*) |
| 160 | 0,25 | 50 |
| 200 | 0,15 | 5 |
| 350 | 0,04 | 0,5 |
| 600 | 0,02 | 0,1 |

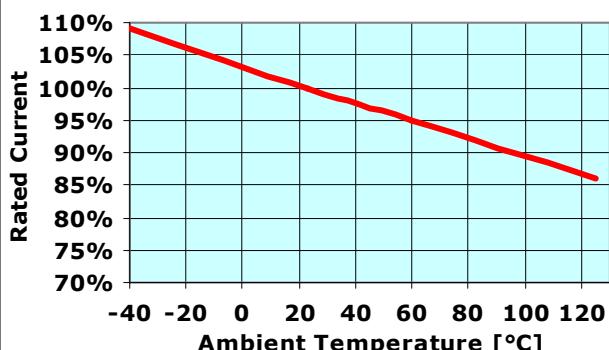
(*) Exceeds ISO requirements (600 Sec)



MiniVAL® Operating Time
@23°C test module ISO



MiniVAL® Re-Rating Curve.
Test module ISO



| CURRENT RATING [A] | VOLTAGE DROP @ current rating [mV] | CABLE SIZE [mm ²] | I ² t |
|--------------------|------------------------------------|-------------------------------|------------------|
| 2 | 128 | 0,35 | 135, |
| 3 | 122 | | 115 |
| 4 | 121 | | 156 |
| 5 | 112 | | 217 |
| 7,5 | 110 | 0,75 | 256 |
| 10 | 106 | 1,0 | 387 |
| 15 | 105 | 1,5 | 720 |
| 20 | 97 | 2,5 | 980 |
| 25 | 96 | | 1344 |
| 30 | 95 | 4,0 | 1692 |