

**RoHS
Compliant**



Description

These series is fast-acting , high breaking capacity fuse.

Features

- Fast-Acting, high breaking capacity under 500V AC/DC.
- $\Phi 6\text{mm} \times 32\text{mm}$ physical size
- Special engineering material tube, Silver plated copper cap construction.
- High breaking capacity for high energy application.
- Lead Free and Halogen free material.

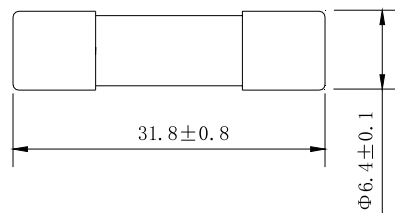
Specifications

Operating Temperature	: -55°C to 125°C
Storage Conditions	: +10°C to +60°C
Relative humidity	: $\leq 75\%$ yearly average without dew, maximum 30 days at 95%
Vibration Resistance	: 24 cycles at 15 min. each (60068-6) 10-60Hz at 0.75mm amplitude 60-2000Hz at 10g acceleration

Construction And Mechanical Characteristics

Dimensions

00:



Dimensions : Millimetres

Electrical Specifications

Time vs Current Characteristics Table

(measured with constant current power supply)

Rated Current	150	200	300
10A~30A	<30min	<5min	<10s

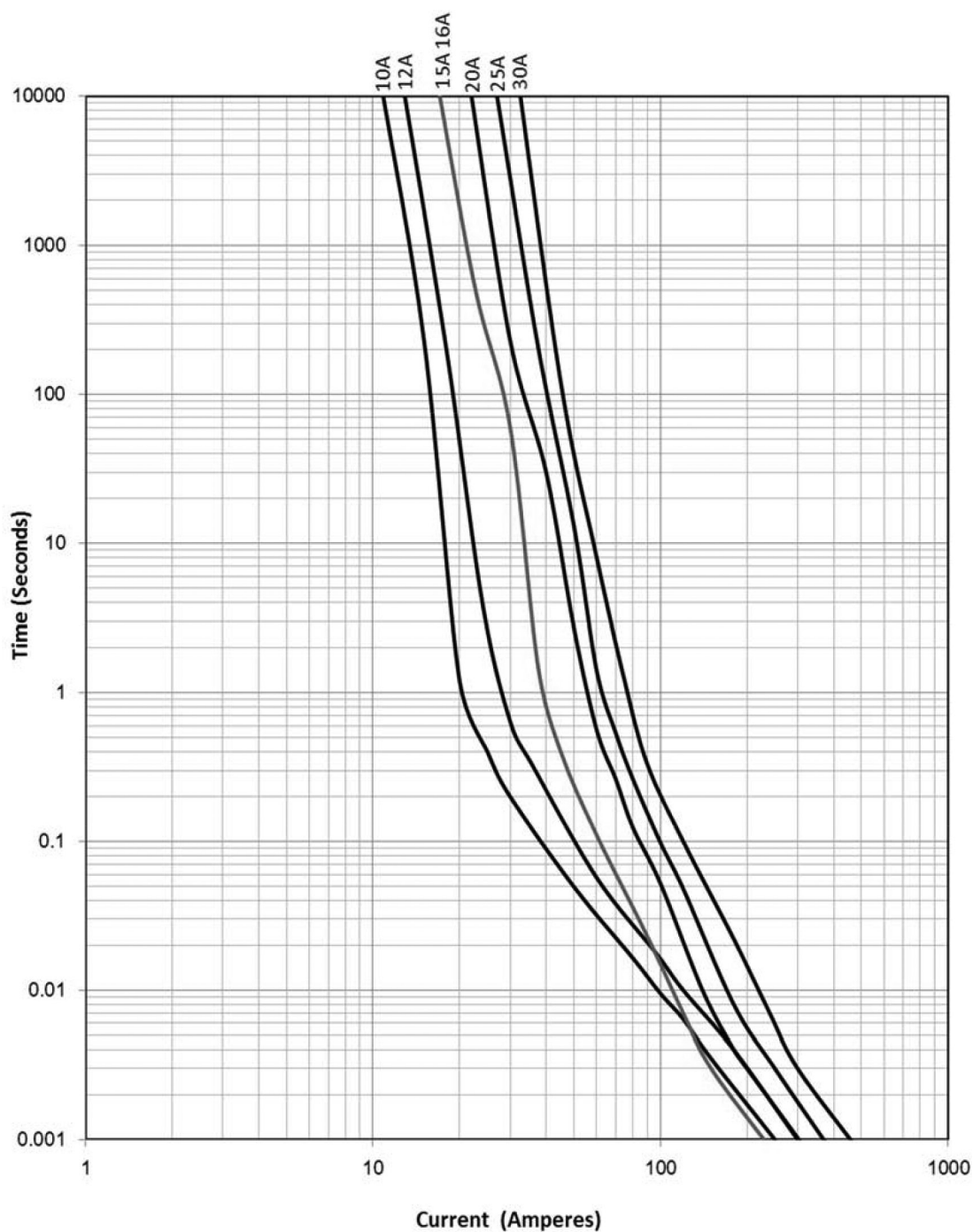
Electrical characteristics

Electrical Characteristics at 25°C					
Amp Code	Rated Current	Rated Voltage	Breaking Capacity	Typical Cold Resistance (mΩ)	Typical Melting I ² T (A ² s)
MP013392	10A	500V AC 500V DC	30KA @ 500V AC 20KA @ 500V DC	17.1	100
MP013393	12A			12.3	140
MP013394	15A			8	66
MP013395	16A			8	62
MP013396	20A			5.5	120
MP013397	25A			4.6	200
MP013398	30A			3.7	270

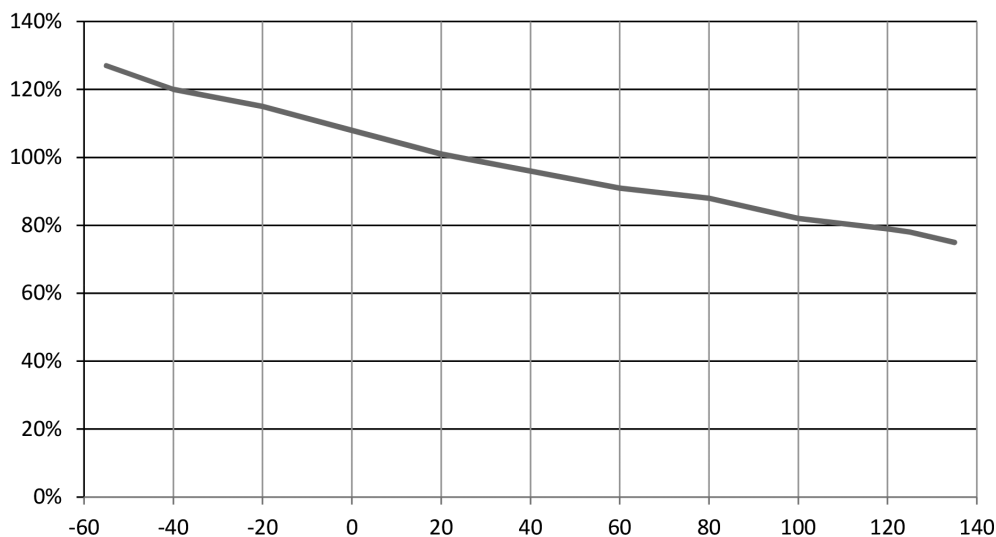
Notes: (1) DC cold resistance are measured at <10% of rated current in ambient temperature of 25°C.

(2) Typical pre-arcing I²t are measured at 10I_n current.

Average Time Current (I-T) Curves



Temperature Derating Curve



Part Number Table

Description	Part Number
Cartridge Fuse, 10A, 500V AC/DC, Lead Free	MP013392
Cartridge Fuse, 12A, 500V AC/DC, Lead Free	MP013393
Cartridge Fuse, 15A, 500V AC/DC, Lead Free	MP013394
Cartridge Fuse, 16A, 500V AC/DC, Lead Free	MP013395
Cartridge Fuse, 20A, 500V AC/DC, Lead Free	MP013396
Cartridge Fuse, 25A, 500V AC/DC, Lead Free	MP013397
Cartridge Fuse, 30A, 500V AC/DC, Lead Free	MP013398

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