

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

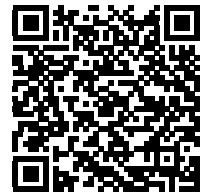
Part Number: BK/C518-2.5A
Manufacturer: Eaton - Electronics Division
Package: Bulk
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/eaton-electronics-division/bk-c518-2-5a.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

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Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

Description

- Axial leaded fast acting
- 5mm x 15mm physical size
- Glass tube, nickel-plated brass endcap construction
- Leads are plated with 95% tin, 5% lead
- Optional sleeve is flexible flouropolymer (U.L. flammability rating VW-1).
- UL Listed product meets standard UL 248-14

ELECTRICAL CHARACTERISTICS

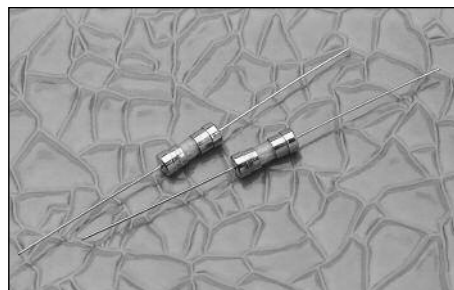
Rated Current	Amp Rating	Opening Time
100mA-5A	100%	None
	135%	60 minutes max.
	200%	2 seconds max.

Agency Information

- UL Listed Card: Guide JDYX, File E19180
- CSA Certification Card: Class 1422-01, LR65063

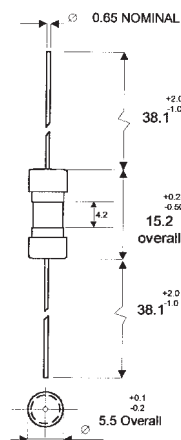
Ordering

- Specify packaging, product, and option code
- For -R option, drop mA or A from product code (i.e. C518-3-R)



Dimensions (mm)

Drawing Not to Scale



- With TR2 packaging code, lead wire length is 20.3mm

SPECIFICATIONS

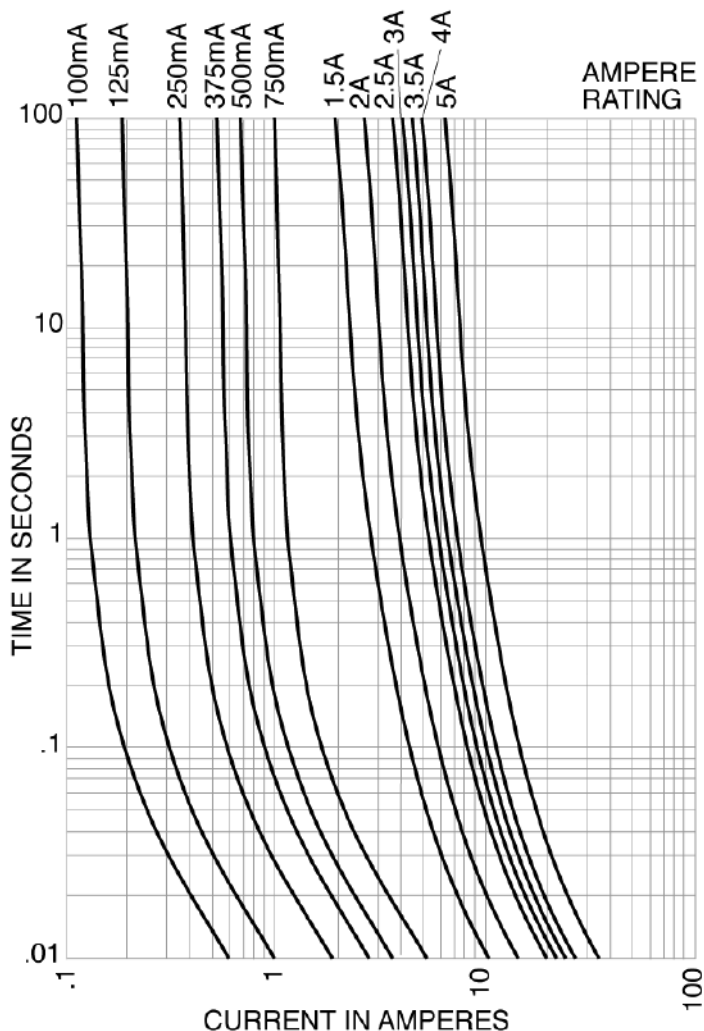
Product Code	Voltage Rating AC	Interrupting Rating at Rated Voltage		Typical DC Cold Resistance* (ohms)	Typical Melting I ² t† AC	Typical Voltage Drop (mV)‡
		250VAC	125VAC			
C518-100mA	250V	35A	10,000A	22.30	0.0010	2230
C518-125mA	250V	35A	10,000A	15.20	0.0019	1930
C518-250mA	250V	35A	10,000A	5.66	0.012	1450
C518-375mA	250V	35A	10,000A	2.53	0.039	968
C518-500mA	250V	35A	10,000A	1.66	0.059	845
C518-750mA	250V	35A	10,000A	0.91	0.264	686
C518-1.5A	250V	100A	10,000A	0.900	0.800	135
C518-2A	250V	100A	10,000A	0.064	1.9	136
C518-2.5A	250V	100A	10,000A	0.046	2.9	121
C518-3A	250V	100A	10,000A	0.038	6.1	116
C518-3.5A	250V	100A	10,000A	0.032	9.7	115
C518-4A	250V	200A	10,000A	0.022	16.6	88
C518-5A	250V	200A	10,000A	0.018	22.4	91

* DC Cold Resistance (Measured at <10% of rated current)

† Typical Melting I²t (A²Sec) (Minimum at 10 times rated current)

‡ Typical Voltage Drop (Voltage drop was measured at 20°C ambient temperature at rated current)

TIME CURRENT CURVE
Time-Current Characteristic Curves—Average Melt



PACKAGING CODE

Packaging Code	Description
BK	100 pieces of fuses packed into a cardboard carton
TR2	1,500 pieces of fuses packed into tape on a reel (20.3mm lead wire length)

OPTION CODE

Option Code	Description
S	Insulation Sleeve
-R	RoHS compliant version

North America

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