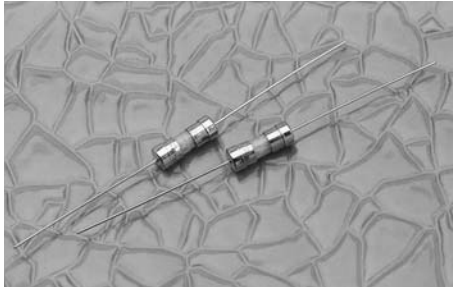


C518

5 mm x 15 mm Fast-acting glass tube fuses



Agency information

- UL Recognition Card: Guide JDYX2, File E19180
- CSA Certification Card: Class 1422-01, File 53787

Ordering

- Specify product code: Insert packaging code prefix before part number. E.g. BK (or TR2)/C518-2-R
- Specify option code, if desired: For insulation sleeve, insert "S" after part series. E.g. BK/C518S-2-R
- With TR2 packaging code, lead wire length is 20.3mm

Product features

- Axial-leaded fast-acting
- 5 x 15mm physical size
- Nickel-plated brass endcap construction
- Optional insulation sleeve is flexible fluoropolymer (UL 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.

Part Number	Voltage Rating Vac	Specifications Interrupting Rating at Rated Voltage (amps)		Typical DC Cold Resistance* (Ω)	Typical Melting I ² t** AC	Max Voltage Drop (mV)***
		250Vac	125Vac			
		C518-100-R	250			
C518-125-R	250	35	10,000	15.20	0.0019	1930
C518-250-R	250	35	10,000	5.66	0.012	1450
C518-375-R	250	35	10,000	2.53	0.039	968
C518-500-R	250	35	10,000	1.66	0.059	845
C518-750-R	250	35	10,000	0.91	0.264	686
C518-1.5-R	250	100	10,000	0.900	0.800	135
C518-2-R	250	100	10,000	0.064	1.9	136
C518-2.5-R	250	100	10,000	0.046	2.9	121
C518-3-R	250	100	10,000	0.038	6.1	116
C518-3.5-R	250	100	10,000	0.032	9.7	115
C518-4-R	250	200	10,000	0.022	16.6	88
C518-5-R	250	200	10,000	0.018	22.4	91

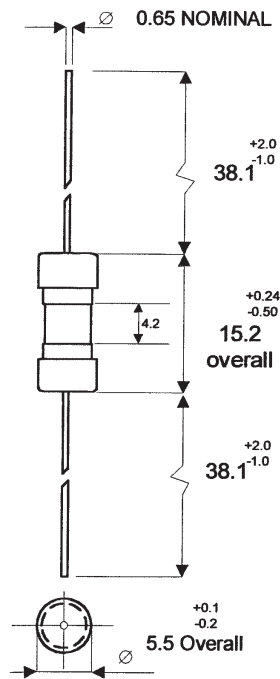
* DC Cold Resistance (Measured at <10% of rated current)

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

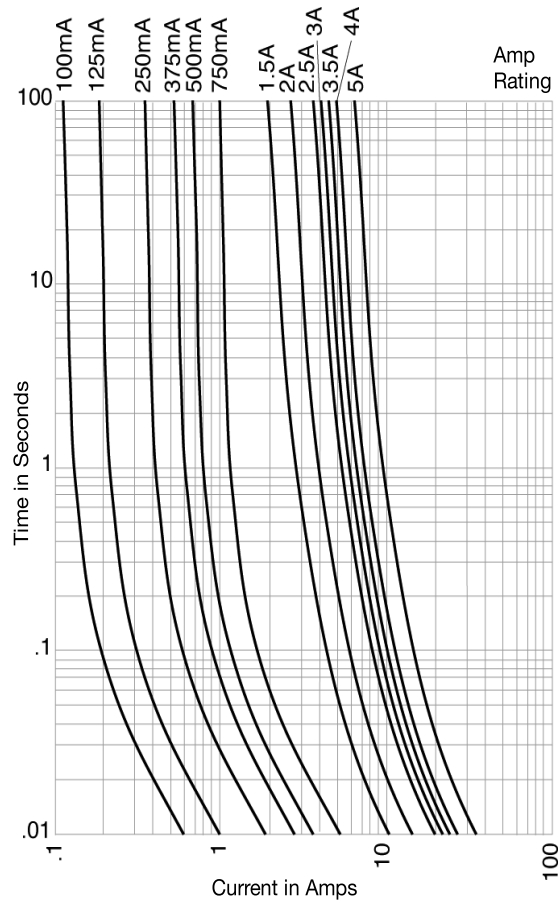
*** Typical Voltage Drop (Voltage drop was measured at 20°C ambient temperature at rated current)

Dimensions - mm

Drawing Not to Scale



Time-Current Curve
Time-Current Characteristic Curves—Average Melt



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

Option Code	
Option Code	Description
S	Insulation Sleeve

Life Support Policy: Eaton does not authorize the use of any of its products for use in life support devices or systems without the express written approval of an officer of the Company. Life support systems are devices which support or sustain life, and whose failure to perform, when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in significant injury to the user.

Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin.

Eaton
Electronics Division
1000 Eaton Boulevard
Cleveland, OH 44122
United States
www.eaton.com/electronics

© 2017 Eaton
All Rights Reserved
Printed in USA
Publication No. 2026 BU-SB09718
May 2017

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Resettable Fuses - PPTC](#) category:

Click to view products by [Eaton](#) manufacturer:

Other Similar products are found below :

[0001.1010.G](#) [D38999/20WG39JN](#) [F02B250V1-4AS](#) [9728214S-2\(621\)](#) [RF0627-000](#) [RF2534-000](#) [ASMD185-2](#) [EN2997S61212AN](#)
[EN2997SE61203AN](#) [BK-ABC-V-5-R](#) [LR4-550RAF](#) [SMD125-2](#) [RF1548-000](#) [RF1973-000](#) [RF2171-000](#) [RF2531-000](#) [RF2533-000](#) [RF2550-](#)
[000](#) [TR600-150Q-B-0.5-0.130](#) [BK-AGX-20](#) [5E4795/04-1502](#) [EN2997S61212MN](#) [EN2997SE61203MN](#) [EN2997SE61212AN](#)
[EN2997SE61212MN](#) [SCE2-B-L1K07-10APA\(985\)](#) [BK1/S505-1.25-R](#) [TR-3216FF20-R](#) [7021109030](#) [TRF250-080T-B-1.0-0.125](#)
[JT06RT1832BN014](#) [SCE2-B-L1K07-10APN\(985\)](#) [S-3-2-10](#) [SMD100-2](#) [FRN-R-5-6-10](#) [FRS-R-3-2-10](#) [LP-CC-2-1-2](#) [BK-AGC-1-8-R](#) [BK-](#)
[AGC-2-10-R](#) [BK-AGC-7-1-2](#) [BK-GDC-500MA](#) [BK-MDL-1-6-10-R](#) [BK-SFE-4](#) [BK-ABC-1-R](#) [BK-ABC-V-15-R](#) [BK-AGC-6-R](#) [BK-C518-](#)
[250-R](#) [BK-GDB-2A](#) [BK-MDL-1-8-R](#) [BK-MDL-6](#)