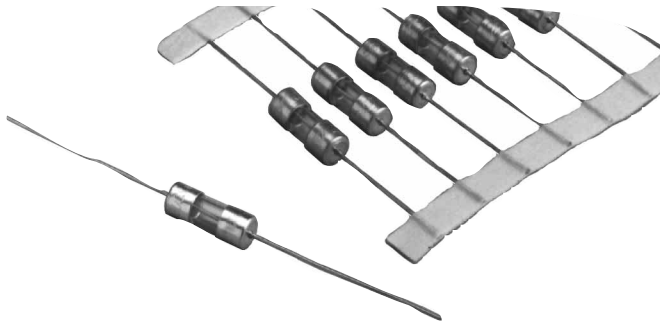
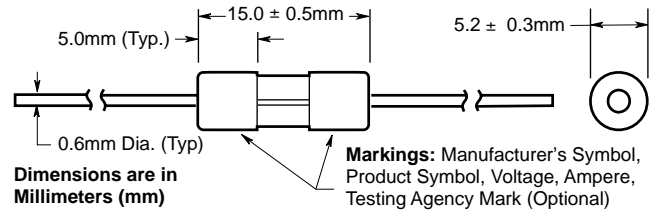


Fast-Acting Axial Leaded 5mm x 15mm Glass Fuses

C518



Dimensional Data



C518 Axial Leaded Fast-Acting Fuses.

Limits for Pre-arcing Time/UL Listed Fuses.

Amp Ratings	135%	110%	200%
	MAX	MIN	MAX
100mA - 7A	1 hr.	4 hr.	2 sec.

Agency File Numbers: UL Listing. File E75865, Guide # JDYX.
CSA Certification. File LR65063 Class 1422-01.

Product Symbol: C518

Physical Fuse Size: 5 x 15mm

Mechanical Characteristics:

Materials: Endcaps are silver-plated brass; leads are tin-plated copper and tube is glass. Optional sleeve is flexible fluoropolymer (UL Flammability rating VW-1). The tube will self extinguish within one minute. 25% maximum flag burn per ASTM Flammability Test ASTM D2671 Procedure C.

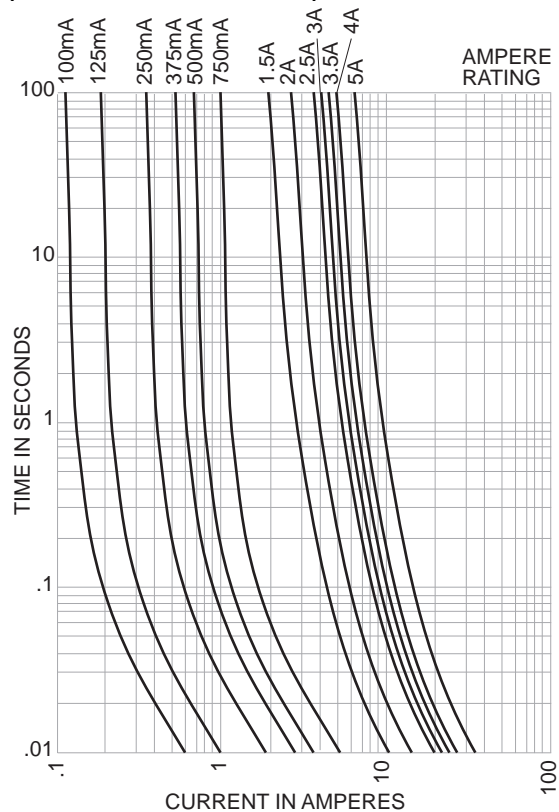
Lead Pull: Leads will withstand a seven pound pull applied axially to the lead for five seconds.

Lead Bend: Leads will be bent 90 degrees in one direction, back to original direction, then 90 degrees in the opposite direction and return to the cycle. Leads will withstand two cycles. The bending is to be done with a two pound weight attached to the end of the lead.

Temp. Range: -55°C to +85°C with proper derating.

Weight: 1000 = 1.33kg.

Time-Current Characteristic Curves—Average Melt (Full Size Curves Available)



CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002 or contact Bussmann Application Engineering at 314-527-1270 for more information.

Fast-Acting Axial Leaded 5mm x 15mm Glass Fuses

C518

Electrical Characteristics:

Current Rating	Rated Voltage (V AC)	AIR	Voltage Drop (mV) max (at 100% Rated Current.)	Pre-arcing Value (I ² t) (A ² s) Typ.	U.L.	CSA
100mA	250V	35A/250V AC 10kA/125V AC p.f. = 0.7 - 0.8	149	1.56	•	•
125mA						
250mA						
375mA						
500mA						
750mA						
2A		100A/250V AC 10kA/125V AC p.f. = 0.7 - 0.8	135	4.75	•	•
2A						
3A						
3.5A						
4A						
5A						
	200A/250V 10kA/125V AC					
	p.f. = .7 - .8					

Packaging & Ordering Information:

	C518			
	Product Symbol			Ampere Rating
Package Code		Blank - Standard		100mA
BK/ Bulk Package (100 pcs)		S - Transparent sleeve for sealed fuses.		125mA
TR/ Tape & Reel (500 pcs)				250mA
TR1/ Tape & Reel (1,000 pcs)				375mA
TR2/ Tape & Reel (1,500 pcs)				500mA
NOTE: Tape & Reel Packaging per EIA 296-E (10.2mm Component Pitch and 52.4mm Tape-to-Tape Spacing)				750mA
				2A
				3A
				3.5A
				4A
				5A

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