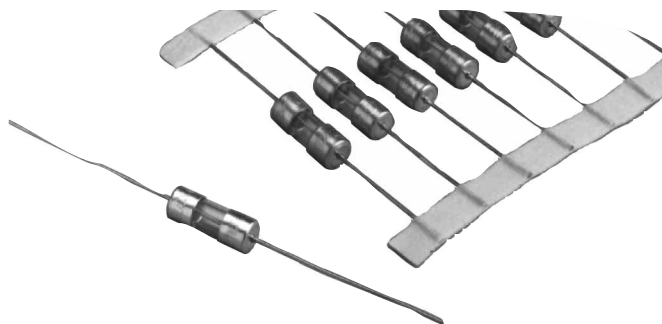
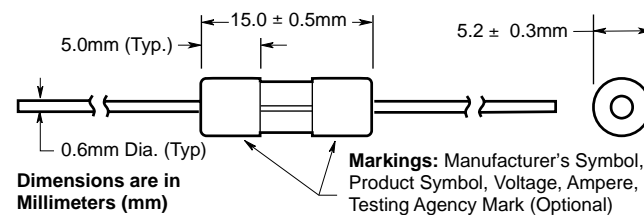


Fast-Acting Axial Leaded 5mm x 15mm Glass Fuses

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.

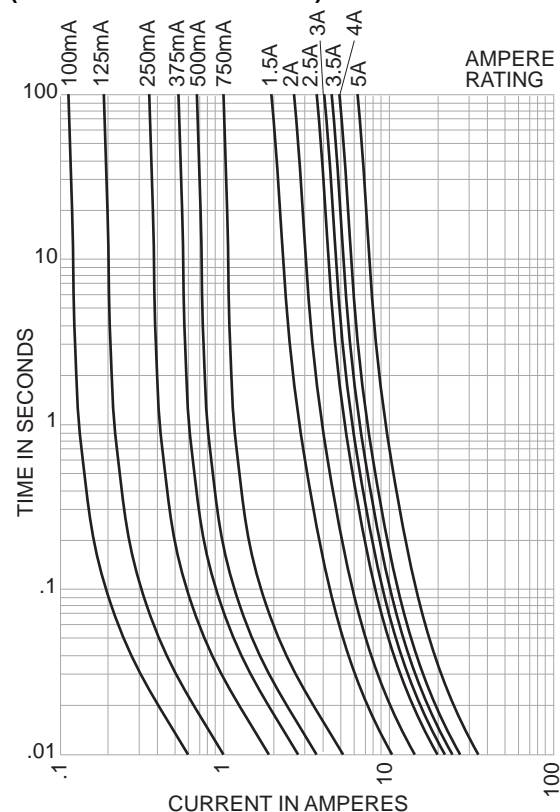
Lead Pull: Leads will withstand a seven pound pull applied axially to the lead for five seconds.

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 (I²t) (A²s) Typ.	U.L.	CSA		
100mA	250V	35A/250V AC 10kA/125V AC p.f. = 0.7 - 0.8	149 135 122	1.56 4.75 7.5	•	•		
125mA					•	•		
250mA					•	•		
375mA					•	•		
500mA					•	•		
750mA					•	•		
2A		100A/250V AC 10kA/125V AC p.f. = 0.7 - 0.8			•	•		
2A					•	•		
3A					•	•		
3.5A		200A/250V 10kA/125V AC p.f. =.7 - .8			•	•		
4A					•	•		
5A					•	•		

Packaging & Ordering Information:

	C518		
	Product Symbol		Ampere Rating
		Blank - Standard	100mA
		S - Transparent sleeve for sealed fuses.	125mA
			250mA
			375mA
			500mA
			750mA
			2A
			3A
			3.5A
			4A
			5A

Package Code**BK/** Bulk Package (100 pcs)**TR/** Tape & Reel (500 pcs)**TR1/** Tape & Reel (1,000 pcs)**TR2/** Tape & Reel (1,500 pcs)**NOTE:** Tape & Reel Packaging

per EIA 296-E (10.2mm Component

Pitch and 52.4mm Tape-to-Tape Spacing)

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