

# Fast-Acting 5mm x 15mm Glass Fuses

C520



**C520 Fast-Acting Fuses.**

- Sealed fuses for board washing applications.

**Limits for Pre-arcing Time/UL Listed Fuses.**

Amp Rating	135%	100%	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:** C520

**Physical Fuse Size:** 5 x 15mm

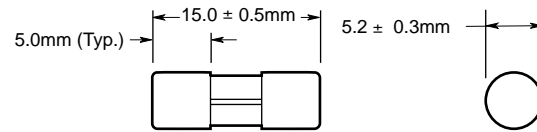
**Mechanical Characteristics:**

**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.

**Packaging & Ordering Information:**

	<b>C520</b>		
	<b>Product Symbol</b>		
		<b>Blank</b> - Standard <b>S</b> - Transparent sleeve for sealed fuses.	
<b>Package Code</b> BK/ Bulk Package (100 pcs)			<b>Ampere Rating</b> 100mA 125mA 250mA 375mA 500mA 750mA 2A 2.5A 3A 3.5A 4A 5A

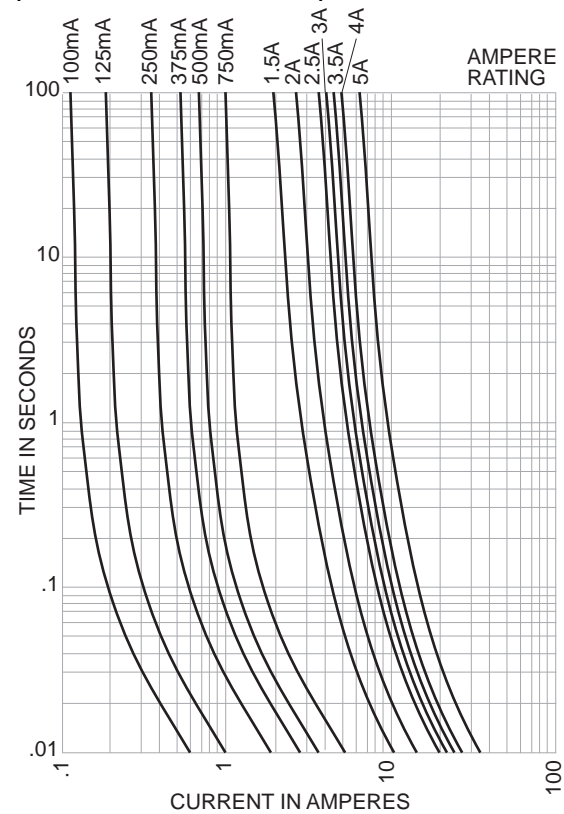
**Dimensional Data**



Dimensions are in Millimeters (mm)

**Markings:** Manufacturer's Symbol, Product Symbol, Voltage, Ampere, Testing Agency Mark (Optional)

**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

## 5mm x 15mm Glass Fuses

C520

**Electrical Characteristics:**

Current Rating	Rated Voltage (V AC)	AIR	Voltage Drop (mV) max (at 100% Rated Current.)	Pre-arcing Value (I <sup>2</sup> t) (A <sup>2</sup> 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		100A/250V AC 10kA/125V AC p.f. = 0.7 - 0.8					137	2.93	•	•
2A							135	4.75	•	•
2.5A							122	7.5	•	•
3A		200A/250V 10kA/125V AC p.f. = .7 - .8					•	•	•	•
3.5A										
4A										
5A		•					•	•	•	

The only controlled copy of this BIF document is the electronic read-only version located on the Bussmann Network Drive. All other copies of this BIF document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.