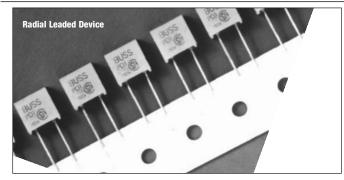
### COOPER Bussmann<sup>®</sup>

# Subminiature, Radial Leaded, Fast-Acting Fuses PC-Tron Series





#### Description

- · Radial leaded, fast-acting thru-hole fuse
- Ideal for high voltage DC applications
- Board washable
- Optional mounting socket available (PCS)
- Available in different lead configurations

AC Time-Current Characteristics			
% of Amp Rating	Opening Time		
100%	4 hours minimum		
200%	10 second maximum		

#### Agency Information

- UL Recognized: E19180
- CSA: 42731

#### Part Number System/Ordering - An Option Code Must Be Selected

• Specify packaging code prefix, product and option code suffix

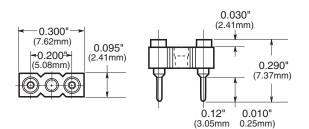


#### **DC Application**

The PC-Tron subminiature fuse is UL Recognized for DC supplementary overcurrent protection to provide individual protection for components or internal circuits in equipment. Suitability for a specific application is dependent on time constants and capacitance values. It is the responsibility of the customer to evaluate the information provided for applicability to their particular application.

#### PCS Mounting Socket (RoHS compliant)

 Available as option. Specify catalog number BK/PCS (100 in a polybag) and short fuse lead length — PCC or PCE



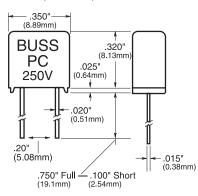
Specifications						
	Lead AC Voltage AC		AC	DC Voltage	DC Interrupting	
Catalog Number	Length	Rating	Interrupting	Rating	Min.	Max.
PCB-1/2, 3/4, 1, 1-1/2, 2, 2-1/2	Full - 0.750" (straight)	250V	50A@250V - 10kA@125V	450V	300	5900A
PCB-3	Full - 0.750" (straight)	250V	50A@250V	350V	300	4400A
PCB-4	Full - 0.750" (straight)	-	-	400V	300	2500A
PCC-1/2, 3/4, 1, 1-1/2, 2, 2-1/2	Short 0.100" (straight)	250V	50A@250V - 10kA@125V	450V	300	5900A
PCC-3	Short 0.100" (straight)	250V	50A@250V - 10kA@125V	350V	300	4400A
PCD-5	Full - 0.750" (straight)	125V	10kA@125V	250V	300	4200A
PCE-5	Short 0.100" (straight)	125V	10kA@125V	250V	300	4200A
PCF-1/2, 3/4, 1, 1-1/2, 2, 2-1/2	0.475"	250V	50A@250V - 10kA@125V	450V	300	5900A
PCF-3	0.475"	250V	50A@250V - 10kA@125V	350V	300	4400A
PCG-5	0.475"	125V	10kA@125V	250V	300	4200A
PCH-1/2, 3/4, 1, 1-1/2, 2, 2-1/2	0.125"	250V	50A@250V - 10kA@125V	450V	300	5900A
PCH-3	0.125"	250V	50A@250V - 10kA@125V	350V	300	4400A
PCH-4	0.125"	-	-	400V	300	2500A
PCI-5	0.125"	125V	10kA@125V 250V 3		300	4200A

Device designed to carry rated current for four hours minimum. An operating current of 80% or less of rated current is recommended, with further derating required at elevated ambient temperatures.

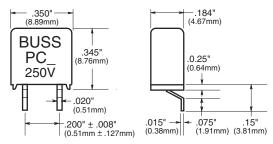


#### Dimensions - mm (±0.005"/0.13mm)

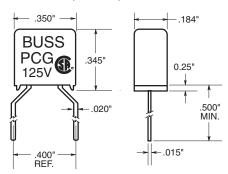
#### Standard Fuse (PCB, PCD)



#### Dimensional Data (PCH, PCI)



#### Dimensional Data (PCF, PCG)



Packaging Code			
Packaging Code Prefix	Description/Quantity		
Blank	5 fuses		
BK	100 fuses in a carton		
TR*	500 fuses on Tape-and-Reel		

Option Code			
Option Code Suffix Description			
-R	RoHS Compliant		
-SD	Solder Dipped		

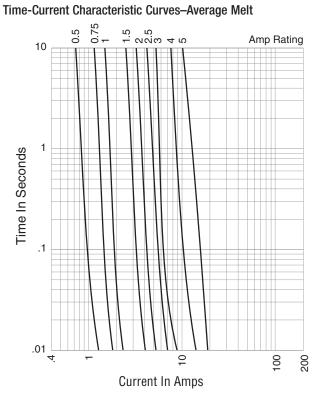
k	Only	for	PCB	and	PCD
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#### Max. Total Clearing I<sup>2</sup>t (Amps<sup>2</sup> Sec.)

Amp	125	Vac	250Vac		
Rating	50A	1,000A	10,000A	35A & 50A	
1/2A	0.006	0.006	0.006	0.006	
3/4A	0.016	0.016	0.016	0.016	
1A	0.020	0.020	0.020	0.020	
1-1/2A	0.090	0.090	0.090	0.090	
2A	0.200	0.200	0.200	0.200	
2-1/2A	0.300	0.300	0.300	0.300	
3A	0.750	0.750	0.750	0.750	
5A	5.0	5.0	5.0	—	
Note: Power Factor > 0.90.					

**PowerStor**\*

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