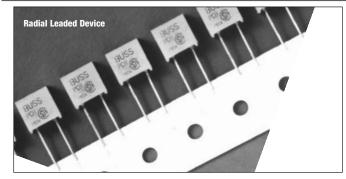
COOPER Bussmann[®]

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

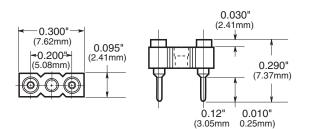


DC Application

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 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 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.

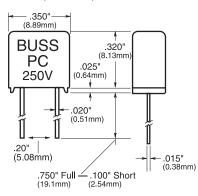
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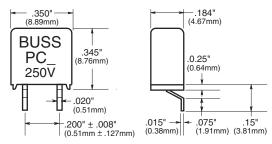
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Dimensions - mm (±0.005"/0.13mm)

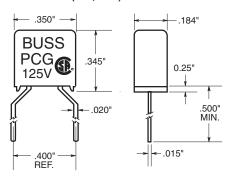
Standard Fuse (PCB, PCD)



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	

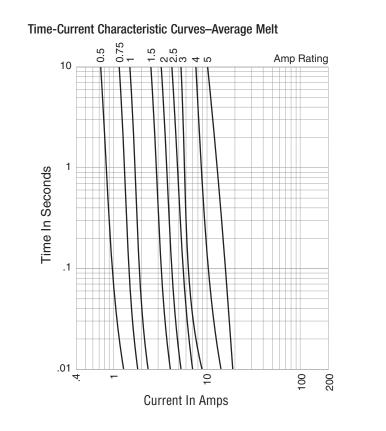
Option Code		
Option Code Suffix	Description	
-R	RoHS Compliant	
-SD	Solder Dipped	

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Max. Total Clearing I²t (Amps² Sec.)

Amp	125Vac		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.					

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PowerStor*

