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

	BK	<u>PCB-</u>	<u>1/2</u>	
Packaging Code Prefix ———				
Fuse Series				
Amp Rating —				
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 D				DC Inter	rupting
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	450V	300	4400A
PCB-4	Full - 0.750" (straight)	-	-	450V	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	450V	300	4400A
PCC-4	Short 0.100" (straight)	-	-	450V	300	2500A
PCD-5	Full - 0.750" (straight)	125V	10kA@125V	400V	300	1000A
PCE-5	Short 0.100" (straight)	125V	10kA@125V	400V	300	1000A
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	450V	300	4400A
PCG-5	0.475"	125V	10kA@125V	400V	300	1000A
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	450V	300	4400A
PCH-4	0.125"	-	-	450V	300	2500A
PCI-5	0.125"	125V	10kA@125V	400V	300	1000A

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.



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		

* 0	nly	for	PCB	and	PCD
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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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