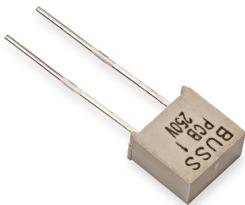


# PC-Tron

## Subminiature radial leaded fast-acting fuses

RoHS



### Product features

- 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

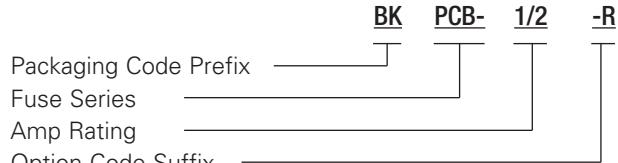
AC Time-Current Characteristics	
% of Amp Rating	Opening Time
100%	4 hours minimum
200%	10 second maximum

### Agency information

- UL Recognized: E19180
- CSA: 053787

### Ordering information

- 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					
Catalog Number	Lead Length	AC Voltage Rating	AC Interrupting	DC Voltage Rating	DC Interrupting Min. Max.
PCB- $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1- $\frac{1}{2}$ , 2, 2- $\frac{1}{2}$	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- $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1- $\frac{1}{2}$ , 2, 2- $\frac{1}{2}$	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- $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1- $\frac{1}{2}$ , 2, 2- $\frac{1}{2}$	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- $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1- $\frac{1}{2}$ , 2, 2- $\frac{1}{2}$	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

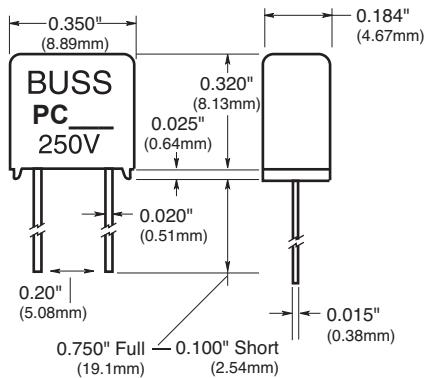
Device designed to carry rated current for four hours minimum. An operating current of 80% or less of rated current is recommended, with further derating required at ambient temperatures.



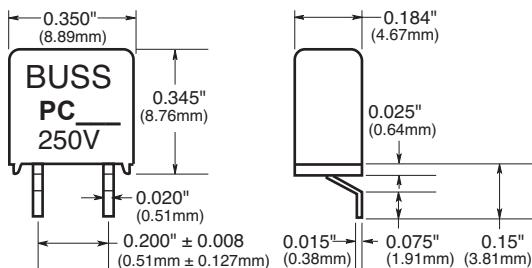
Powering Business Worldwide

**Dimensions- inches/mm**

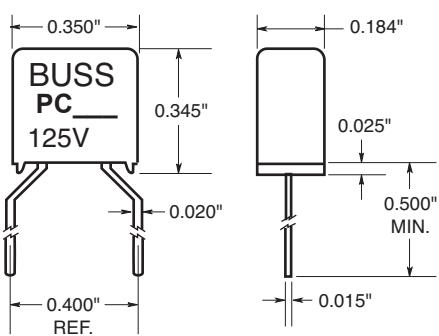
**(PCB, PCD)**



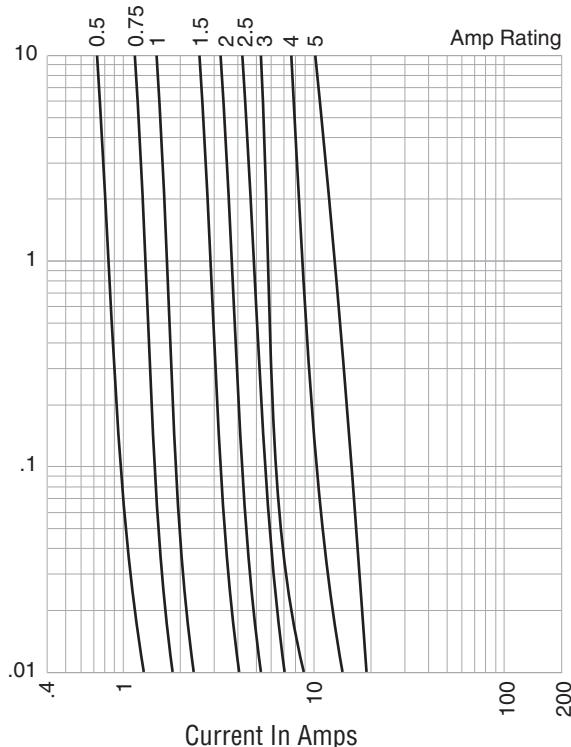
**(PCH, PCI)**



**(PCF, PCG)**



**Time-Current Characteristic Curves—Average Melt**



**Max. Total Clearing  $I^2t$  (Amps<sup>2</sup> Sec.)**

Amp Rating	125Vac		250Vac	
	50A	1,000A	10,000A	35A & 50A
1/4A	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  $> 0.90$ .

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

\* Only for PCB and PCD

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