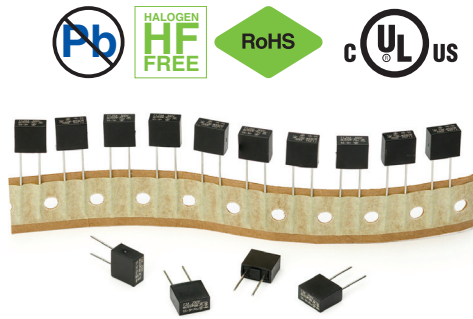


Bussmann SS-5FH Series

Subminiature fast-acting fuses



Product description:

- Halogen free, lead free, RoHS compliant
 - Fast-acting, high breaking capacity subminiature fuse
 - Plastic cap and base, flammability UL 94V0
 - Lead wire with tin-plated copper, diameter 0.6mm
 - Protects against harmful overcurrents in primary and secondary applications
 - Small radial-leaded design minimizes board space and eliminates need for additional mounting components
- Designed to UL 248-14

Applications

- Primary circuit protection for lighting ballasts
- LED Lighting primary protection
- High short-circuit current devices

Agency information

- cULus, File E19180, Guide JDYX/JDYX7

Ordering

- Specify product and packaging code (i.e., SS-5FH-3.15A-AP)

Bussmann
by **EAT•N**



The Bussmann brand of circuit protection products (formerly of the Bussmann Division of Cooper Industries) is now part of Eaton's Electrical Group, Electronics Division.

Bussmann is now part of Eaton
Same great products plus even more.

Electrical characteristics

Amps	1.0I _n	1.5I _n	2.0I _n
3.15A	4 hours, min	10 minutes, max	2 minutes, max

Specifications

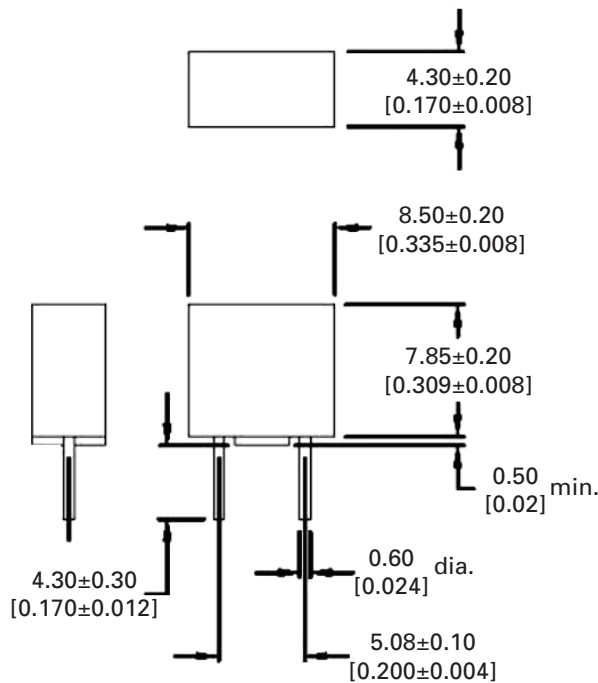
Part number	Voltage rating AC	Voltage rating DC	Interrupting rating (amps) @ rated voltage (50Hz) AC ¹	Interrupting rating (amps) @ rated voltage DC	Typical DC cold resistance (mΩ) ²	Typical pre-arcing I ² t (A ² s) ³	Typical voltage drop @ 1I _n (mV) ⁴	Max power dissipation @ 1I _n (mW) ⁵	Agency information
									cULus
SS-5FH-3.15A	350	150	100	100	31.5	22.5	168	675	X

1. Interrupting ratings: measured at 100A, 95% to 100% PF on AC.
2. Typical DC cold resistance (measured at <10% of rated current).
3. The typical I²t value is measured at 10 times of I_n.
4. Typical voltage drop @ 1I_n (measured at 20°C ambient temperature at rated current).
5. Maximum power dissipation (measured at 20°C ambient temperature at rated current).

Packaging Codes

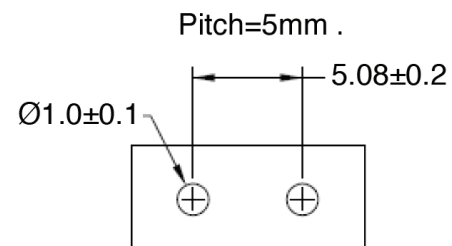
-BK	200 fuses in a polybag, lead length L = 4.3±0.3.
-AP	Ammo Pack, 1000 fuses, pitch = 12.7

Dimensions - mm (in)

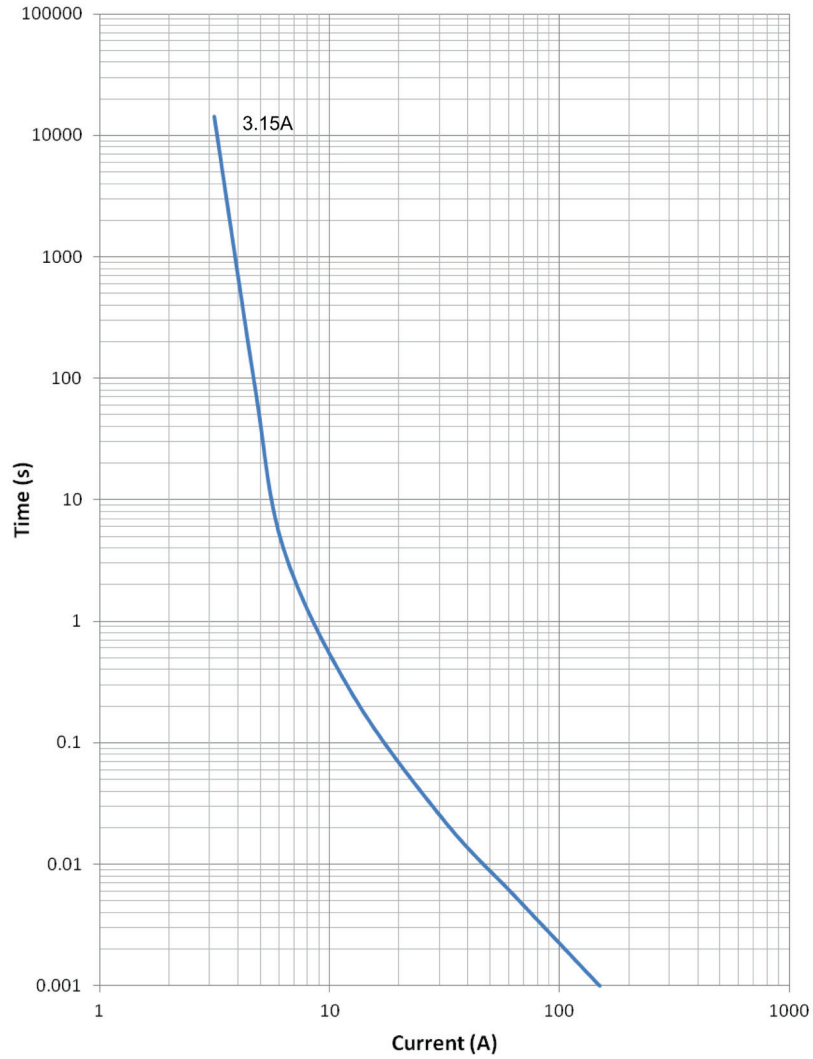


BK Pack

Recommended pad layout



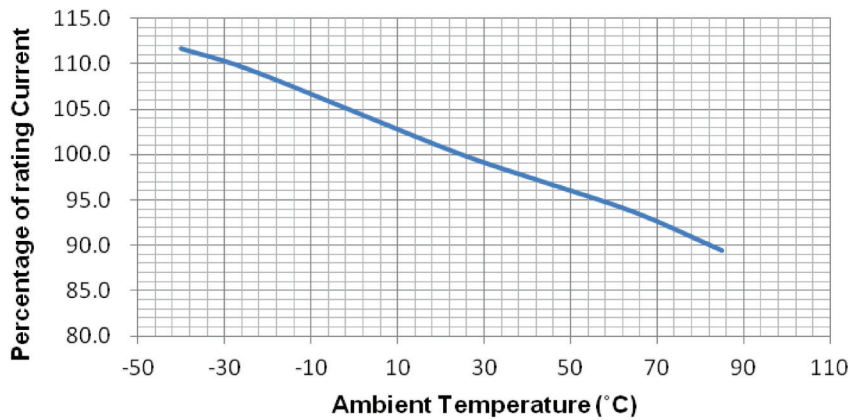
Time-current curves



Temperature derating curve

- Normal operating temperature: 25°C ± 2°C
- Operating temperature range: -40°C to 85°C with proper correction factor applied

Correction factor chart

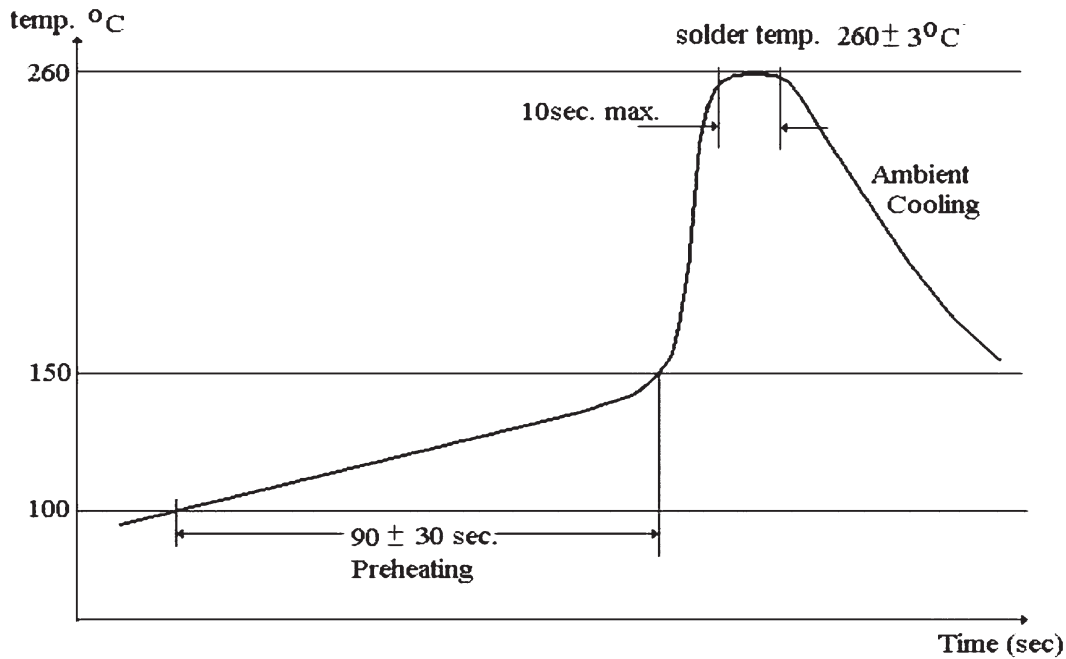


Soldering

Wave solder

Reservoir temperature: 260°C, Max.10Sec.

Recommended Profile



Manual solder

350°C, 4-5Sec. (by soldering iron), generally manual, hand soldering is not recommended.

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