



Distributor of Eaton (formerly Cooper Bussmann) : Excellent Integrated System Limited

Datasheet of BK/1A2294 - CLIP REPLACEMENT CONTACT

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## Excellent Integrated System Limited

Stocking Distributor

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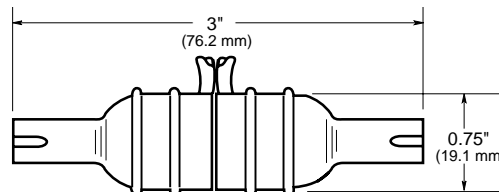
# Waterproof In-Line Fuseholder

## For 1/4" x 1 1/4" Fuses

### 32 Volts AC, 30 Amps



#### Dimensional Data



#### Catalog Symbol: HFB Fuseholder

**Ampere Rating:** 30 Amperes

**Voltage Rating:** 32 Volts AC

For use with 1/4" x 1 1/4" fuses (6.35mm x 31.8mm)

#### Overall Specifications—HFB

**Temperature Range:** -40°C to 150°C

**Waterproof:** Typically to a depth of 1 foot for 2 hours

**Vibration Resistance:** Per Mil Standard 810C

**Humidity:** 85°C/85% R.H. for 96 hours

#### Material Specifications—HFB

**Brittle Point:** Less than -60°C

**Abrasion:** 54% NBS Index

**Fluid Resistance:** Type and Class AA, BA, BC, BE, CA, CE per ASTM D-2000 Standard Classification System for rubbers

**Flame Resistance:** Pass FMVSS302 and rated slow burning when tested in accordance with U.L. 94HB

**Ozone Resistance:** Passed 70 hours in 50 ppm ozone per ASTM D-5

**Salt Spray:** 15% for 166 hours = 0% volume swell

**U.L. Flammability:** 94 HB

**Temperature Rating (RTI):** 90°C

**Body Material:** Thermoplastic rubber

**Contact Material:** Copper with tin plating

#### Xenon Arc Weatherometer

Time (Hrs.)	Tensile Strength (psi)	Elong. (%)	100% Mod. (psi)
0	1100	375	470
500	1130	350	520
1000	1190	350	520

#### Heat Aging (% retention of mechanical properties at 125°C)

Parameters	Days				
	1	7	15	30	41.7
Tensile Stgth.	100	105	115	120	120
% Elongation	90	90	90	90	90
100% Mod.	105	110	120	120	120

#### Catalog Numbers

Description	Catalog Number
Standard Pack (10-in)	HFB
Bulk Pack (20-in)	BK/HFB
Replacement Contact Clip	BK/1A2294
Accepts #10 Wire	HFB-10

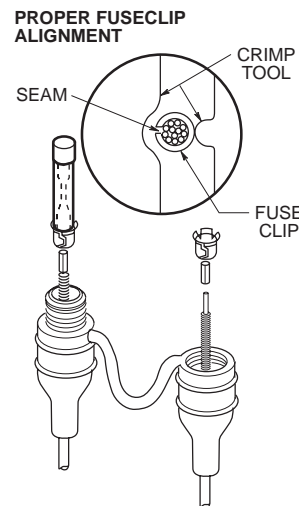
#### General Information:

- Rated 30 amps, 32 volts AC.
- Ideal for harsh environments.
  - Water
  - Salt spray
  - Ultraviolet light
  - Ozone
  - -40°C to 150°C temp. range
  - Withstands many organic solvents and rigorous shock and vibration.
- Accepts #12 to #18 wire leads (not provided).
- Simple assembly.
- One-piece molded thermoplastic.
- High visibility yellow color for easy identification in dark or hard-to-access locations.
- Important information molded into body.

#### Installation:

1. Thread wire through housing.
2. Strip insulation per strip gauge.
3. Crimp fuse clip to wire.\*
4. Pull wire and seat fuse clip in housing.
5. Insert fuse.
6. Snap housing together.

\*Recommended Crimping Tools:  
 Thomas & Betts No. WT-111-M; Radio Shack No. 64-409; California Terminal Products No. 1250.



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