



**THE DATASHEET OF
BK/1A2294**



Waterproof In-Line Fuseholder

For ¼" × 1¼" Fuses
32 Volts AC, 30 Amps



Catalog Symbol: HFB Fuseholder

Ampere Rating: 30 Amperes

Voltage Rating: 32 Volts AC

For use with ¼" × 1¼" fuses (6.35mm × 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

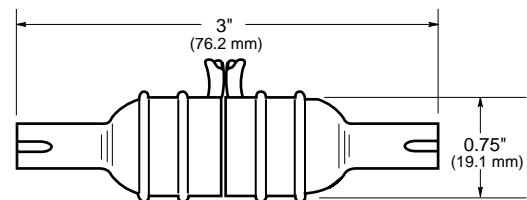
Xenon Arc Weatherometer

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

Dimensional Data



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.

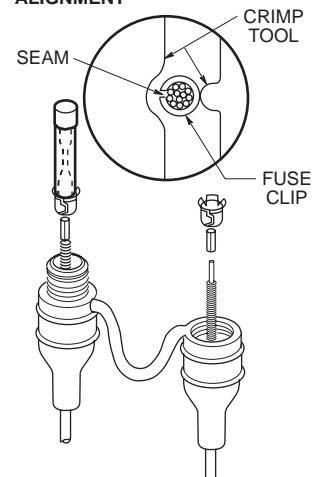
Installation:

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.

PROPER FUSECLIP ALIGNMENT



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