Waterproof In-Line Fuseholder HFB

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

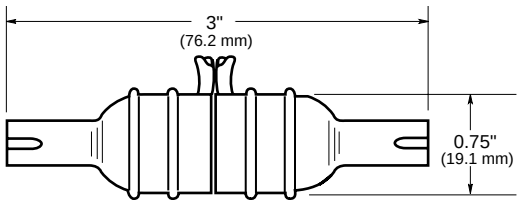
Xenon Arc Weatherometer

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)

	Days				
Parameters	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