Bussmann®

Waterproof In-Line Fuseholder For 1/4" × 11/4" Fuses



Catalog Symbol: HFB Fuseholder Ampere Rating: 30 Amperes Voltage Rating: 32 Volts AC For use with $\frac{1}{4}$ " × 1 $\frac{1}{4}$ " 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

32 Volts AC, 30 Amps

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 -40°C to 150°C temp. range
 - Salt spray Withstands many organic solvents and
 - Ultraviolet light rigorous shock and vibration.
 - Ozone
- 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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