COOPER Bussmann

1/4" x 1-1/4" Fuseholders

HFB In-Line Waterproof Series

Description

- For 1/4" x 1-1/4" (6.35mm x 31.8mm) fuses
- Ideal for harsh environments
  - Water
  - Salt Spray
  - Ultraviolet Light
  - Ozone
  - -40° to 150°C temperature range
  - Withstands many organic solvents and rigorous shock and vibration
- Accepts #18 to #12 AWG copper wire
- High visibility yellow color
- Recommended crimp tools:
  - Thomas & Betts – WT-112M
  - California Terminal Products No. 1250
  - Channelock No. 909
- Replacement contact clip: BK/1A2294
- UL flammability rating 94 HB

Ordering

- Specify packaging, product, and option code

RoHS 2002/95/EC



Environmental Data

- Temperature Rating (RTI): 100°C
- Waterproof typically to a depth of 1 foot for 2 hours
- Vibration Resistance: Per MIL STD 810C
- Humidity: 85°C/85% relative humidity for 96 hours
- 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 related slow burning when tested in accordance with UL 94HB
- Ozone Resistance: Passed 70 Hours in 50 ppm ozone per ASTM D-5
- Salt Spray: 15% for 166 hours = 0% volume swell
- 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 Strength	100	105	115	120	120
% Elongation	90	90	90	90	90
100% Mod.	105	110	120	120	120

Component	Material
Body	Thermoplastic Rubber
Crimp	Copper Tin-Plated

SPECIFICATIONS		
Product Code	Voltage Rating AC	Current Rating AC
HFB	32V	30A

PACKAGING CODE	
Packaging Code	Description
Blank	10 pieces of fuseholders packed into a carton
BK	100 pieces of fuseholders packed into a poly bag

OPTION CODE	
Option Code	Description
-R	RoHS compliant version

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Visit us on the web at:
www.cooperbussmann.com

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