Waterproof In-Line Fuseholder

For ¼” x 1¼” Fuses
32 Volts AC, 30 Amps

Catalog Symbol: HFB Fuseholder
Ampere Rating: 30 Amperes
Voltage Rating: 32 Volts AC
For use with ¼” x 1¼” 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
Abrasiveness: 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

<table>
<thead>
<tr>
<th>Time (Hrs.)</th>
<th>Tensile Strength (psi)</th>
<th>Elong. (%)</th>
<th>100% Mod. (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1100</td>
<td>375</td>
<td>470</td>
</tr>
<tr>
<td>500</td>
<td>1130</td>
<td>350</td>
<td>520</td>
</tr>
<tr>
<td>1000</td>
<td>1190</td>
<td>350</td>
<td>520</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Parameters</th>
<th>1</th>
<th>7</th>
<th>15</th>
<th>30</th>
<th>41.7</th>
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<tbody>
<tr>
<td>Tensile Str.</td>
<td>100</td>
<td>105</td>
<td>115</td>
<td>120</td>
<td>120</td>
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<tr>
<td>% Elongation</td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>90</td>
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<tr>
<td>100% Mod.</td>
<td>105</td>
<td>110</td>
<td>120</td>
<td>120</td>
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Catalog Numbers

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog Number</th>
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<tbody>
<tr>
<td>Standard Pack (10-in)</td>
<td>HFB</td>
</tr>
<tr>
<td>Bulk Pack (20-in)</td>
<td>BK/HFB</td>
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<tr>
<td>Replacement Contact Clip</td>
<td>BK/1A2294</td>
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<tr>
<td>Accepts #10 Wire</td>
<td>HFB-10</td>
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</tbody>
</table>

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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