HFB
1/4” x 1 1/4” in-line waterproof fuse holder

Product features
- For 1/4” x 1-1/4” (6.35 mm x 31.8 mm) fuses
- IP67 rating for exposed locations
- Ideal for harsh environments
  - Water, Salt Spray
  - Ultraviolet Light, Ozone
  - -40 °C to +150 °C temperature range
  - Withstands many organic solvents and rigorous shock and vibration
- Standard HFB accepts #18 to #12 AWG Cu wire
- HFB-10 accepts #10 AWG Cu wire
- Recommended crimp tools:
  - Thomas & Betts – ERG4002
  - Channellock No. 909
  - Thomas & Betts WT-112M
- Replacement contact clip:
  - Standard “-R”: BK/1A2294
  - HFB-10: BK/1A2294-01
- UL flammability rating 94 HB

Ordering
- Specify packaging, product, and option code

Environmental data
- Temperature Rating (RTI): +100 °C
- IP67 rating for exposed locations
- 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

<table>
<thead>
<tr>
<th>Time (Hrs)</th>
<th>Tensile Strength (psi)</th>
<th>Elong. (%)</th>
<th>100% Mod. (psi)</th>
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<tr>
<td>0</td>
<td>1100</td>
<td>375</td>
<td>470</td>
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<tr>
<td>500</td>
<td>1130</td>
<td>350</td>
<td>520</td>
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<tr>
<td>1000</td>
<td>1190</td>
<td>350</td>
<td>520</td>
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Heat Aging (% Retention of Mechanical Properties at +125 °C)

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<td>115</td>
<td>120</td>
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<tr>
<td>% Elongation</td>
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<td>90</td>
<td>90</td>
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<tr>
<td>100% Mod.</td>
<td>105</td>
<td>110</td>
<td>120</td>
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Specifications

<table>
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<tr>
<th>Component Code</th>
<th>Voltage Rating AC</th>
<th>Current Rating AC</th>
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<tbody>
<tr>
<td>HFB</td>
<td>32 V</td>
<td>30 A</td>
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