



MICR03[®] Blade Fuses



MICR03[®] Shunt

MICRO3[™] Blade Fuses Rated 32V

The MICRO3™ Fuse has 3 terminals and 2 fuse elements with a common center terminal. Its sub-miniature design meets the need for more circuits to be protected while utilizing less space and its ability to cope with high temperatures in adverse environments makes the MICRO3[™] Fuse of recommended choice for protection.

Specifications

Voltage Rating: Interrupting Ratings: *Recommended Environmental Temperature: Terminals Material: Housing Material: Net Weight Per Fuse: Complies with:

32 VDC 1000A @ 32 VDC -40°C to +125°C Silver plated zinc alloy PA66 (U.L. 94 Flammability rating - V2) 0.95±10% gr SAE 2741 and ISO 8820-3 in reference to electrical, mechanical and environmental performance requirements



*Silver plating allows up to 150°C at the terminal interface.

Ordering Information

| Part Number | Rating | Package Size | |
|--------------|-------------------|-----------------|--|
| 0337xxx.PX2S | 3 - 15 & SHUNT | 2000 | |
| 0337xxx.LXS | 3 - 15 | 50 | |

Time-Current Characteristics

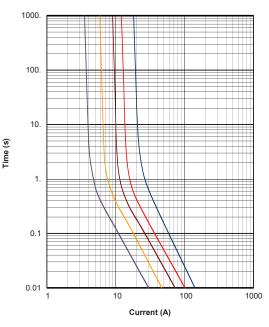
| % of Rating | Opening Time Min / Max (s) | | | |
|-------------|----------------------------|--|--|--|
| 110 | 360,000 / ∞ | | | |
| 135 | 0.75 / 120 | | | |
| 160 | 0.3 / 50 | | | |
| 200 | 0.15 / 5 | | | |
| 350 | 0.04 / 0.5 | | | |
| 600 | 0.02 / 0.1 | | | |

Ratings

| Part Number | Current Rating (A) | Housing Material Color | Test Cable Size (mm ²) | | Typ. Voltage | Typ. Cold | Typ. I ² t |
|-------------|-----------------------|---------------------------|------------------------------------|-----------------------|--------------|-----------------|-----------------------|
| | | | Side Fuse Blades | Center Fuse Blades | Drop (mV) | Resistance (mΩ) | (A ² s) |
| 0337003 | 3 | | 0.5 | 1 | 113 | 31.7 | 9 |
| 0337005 | 5 | | 0.5 | 1 | 116 | 17.4 | 17 |
| 033707.5_ | 7.5 | | 0.75 | 1.5 | 106 | 10.8 | 47 |
| 0337010 | 10 | | 1 | 2.5 | 102 | 7.8 | 89 |
| 0337015 | 15 | | 1.5 | 4 | 94 | 4.9 | 189 |
| 0337900 | SHUNT | | - | - | - | - | - |

The typical I²t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

Time-Current Characteristic Curves



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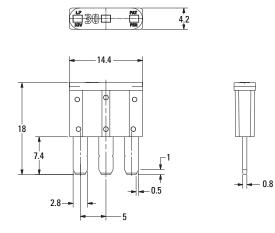
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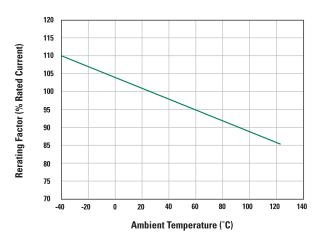
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Dimensions

Dimensions in mm for reference only. See outline drawing for dimensions and tolerances.



Temperature Rerating Curve



SHUNT Maximum Continuous Load: 15A

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