## Type MIDA Fast Acting Automotive (MIDI<sup>®</sup>)<sup>\*</sup> Limiter Fuse 30mm Center to Center Bolt-On



www.optifuse.com (6)

(619) 593-5050

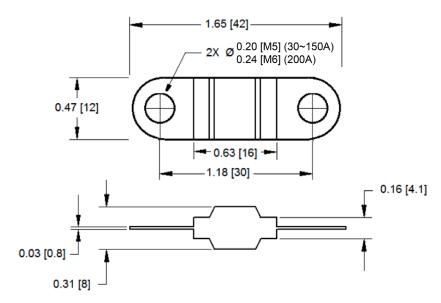
Ampere: 30A ~ 200A Voltage: 32VDC / 58VDC Interrupting Rating: 1000A @ 58VDC Material: Housing – PEI (UL 94-V0) Operating Temperature: -40°C ~ 125°C Connections: Zinc-alloy, 2 x M5/M6 bolts, distance 30mm 30~150A: M5 bolts 200A: M6 bolts Recommended Tightening Torque: 2.0-3.0 Nm Testing: ISO 8820-5

#### **Electrical Characteristics:**

| Rating              | 110%    | 150%              | 200%                                 | 300%                              | 500%                              |
|---------------------|---------|-------------------|--------------------------------------|-----------------------------------|-----------------------------------|
| <b>Opening Time</b> | > 4 hr. | 90 sec ~ 3600 sec | $1 \text{ sec} \sim 100 \text{ sec}$ | $300 \text{ms} \sim 3 \text{sec}$ | $100 \text{ms} \sim 1 \text{sec}$ |

- Opening times based on ambient temperature of 23° C

### **Product Dimensions: Inches [mm]**



#### **Product Information**

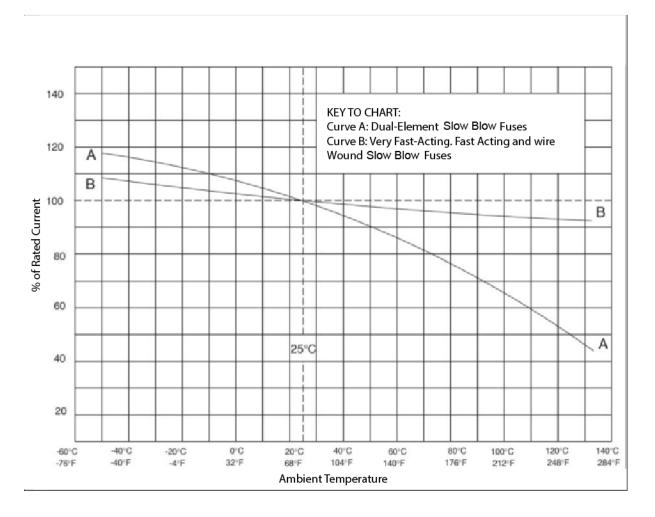
| Part<br>Number | Ampere<br>Rating | Stamp Color<br>Code |
|----------------|------------------|---------------------|
| MIDA-030       | 30               | Orange              |
| MIDA-040       | 40               | Green               |
| MIDA-050       | 50               | Red                 |
| MIDA-060       | 60               | Yellow              |
| MIDA-070       | 70               | Brown               |
| MIDA-080       | 80               | Clear               |
| MIDA-100       | 100              | Blue                |
| MIDA-125       | 125              | Pink                |
| MIDA-150       | 150              | Gray                |
| MIDA-200       | 200              | Violet              |

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#### **Temperature Derating Curves:**

The time/current characteristic curve depends on the ambient temperature prevailing, in order to eliminate nuisance tripping.



 Warning:
 -Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.

 -Limiter Fuses are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.

 -Avoid contact of Limiter Fuses with chemical solvent. Prolonged contact will damage the device performance.