Circuit Breakers

R185 Series

Features
- Type III Manual Reset with Push-to-Trip Switch
- IP67 Water Resistant, Splash and Dust Proof Housing
- Single Pole, Thermal Device
- Ignition Protected
- Meets SAE J1171 External Ignition Protection of Marine Electrical Devices
- 1/4–28 Threaded Studs
- Surface Mount, Protective Stud Insulator Included
- Typically Used in DC Power Systems in Marine, Truck, and RV Applications. Add On Protection for Accessories

Thermal Circuit Breaker, Hydraulic and Hi–Amp Protector

D96

Electrical Specifications

Electrical Characteristics
- Rating: 25A to 150A
- Interrupt Rating: 3000 Amps @ 48 VDC; 2500 Amps @ 14 VDC
- Insulation Resistance: 100 megohms @ 500 VDC
- Dielectric Strength: 1800V, 1 minute

Mechanical Characteristics
- Termination: 1/4–28 threaded stud
- Mounting: Surface Mount

Environmental Characteristics
- Operating: −32°C to +82°C
- Storage: −34°C to +149°C

Trip Times

<table>
<thead>
<tr>
<th>Rated Load</th>
<th>Trip Times</th>
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</thead>
<tbody>
<tr>
<td>100%</td>
<td>Hold, No Trip within 30 Minutes</td>
</tr>
<tr>
<td>135%</td>
<td>Trip within 30 Minutes</td>
</tr>
<tr>
<td>200%</td>
<td>Trip within 60 Seconds</td>
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</tbody>
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