

Circuit Breakers

R185 Series

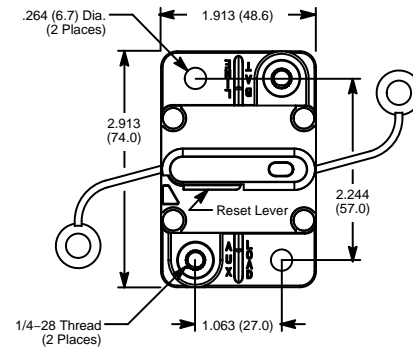
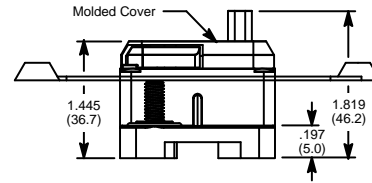
Features

- 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

D94



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

| NTE Type No. | Current Rating Amps | NTE Type No. | Current Rating Amps |
|--------------|---------------------|--------------|---------------------|
| R185-25A | 25 | R185-80A | 80 |
| R185-30A | 30 | R185-90A | 90 |
| R185-35A | 35 | R185-100A | 100 |
| R185-40A | 40 | R185-120A | 120 |
| R185-50A | 50 | R185-130A | 130 |
| R185-60A | 60 | R185-140A | 140 |
| R185-70A | 70 | R185-150A | 150 |

Trip Times

| Rated Load | Trip Times |
|------------|---------------------------------|
| 100% | Hold, No Trip within 30 Minutes |
| 150% | Trip within 30 Minutes |
| 200% | Trip in 12 - 45 Seconds |
| 300% | Trip in 3.5 - 12 Seconds |