

# Circuit Breakers

## R185 Series

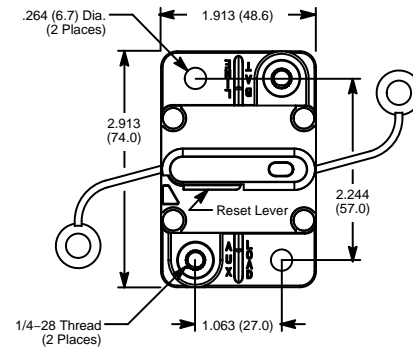
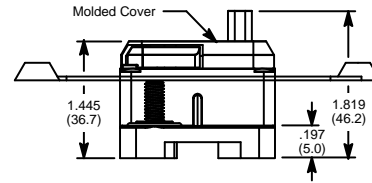
### Features

- 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

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
135%	Trip within 30 Minutes
200%	Trip within 60 Seconds