

# Circuit Breakers

## R185 Series

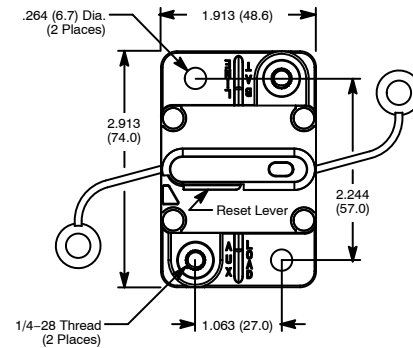
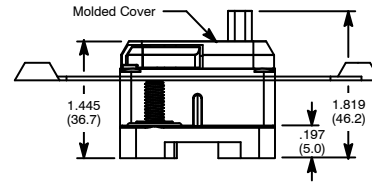
### Features

- Type III Manual Reset with Push-to-Trip Switch
- Water Resistant, Splash and Dust Proof Housing
- Single Pole, Thermal Device
- Ignition Protected
- 1/4-28UNF 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 @ 32 VDC

**Interrupt Rating:** 2000 Amps @ 32 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        |