

Features

- .250" (6.35mm) Quick Connect Terminals
- Cannot be Manually Tripped
- Visual Trip Indicator
- Push Button to Reset Breaker



NOTE: Indicator plate shown may NOT be available on all devices.

| NTE Type No. | Current Rating Amps | Typical Resistance Ohms |
|--------------|---------------------|-------------------------|
| R58-1A | 1.0 | 1.35 |
| R58-2A | 2.0 | 0.32 |
| R58-3A | 3.0 | 0.18 |
| R58-4A | 4.0 | 0.10 |
| R58-5A | 5.0 | 0.026 |
| R58-6A | 6.0 | 0.026 |
| R58-7A | 7.0 | 0.020 |
| R58-8A | 8.0 | 0.020 |
| R58-10A | 10.0 | 0.014 |
| R58-12A | 12.0 | 0.010 |
| R58-15A | 15.0 | 0.010 |
| R58-20A | 20.0 | 0.006 |
| R58-25A | 25.0 | 0.005 |
| R58-30A | 30.0 | 0.004 |
| R58-35A | 35.0 | 0.004 |

Trip Times

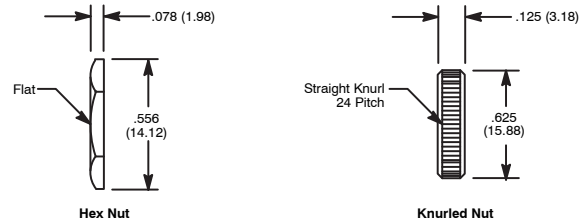
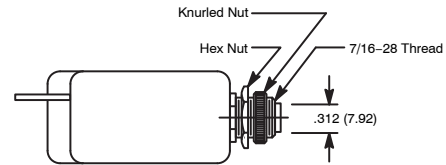
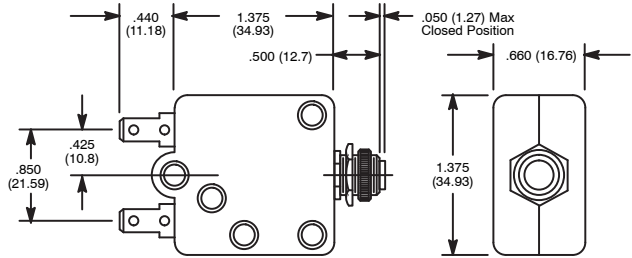
| 1 to 4 Amp Types | | 5 to 35 Amp Types | |
|------------------|------------------|-------------------|-------------------|
| Rated Load | Trip Times | Rated Load | Trip Times |
| 100% | No Trip | 100% | No Trip |
| 145% | Trip in 1 Hour | 145% | Trip in 1 Hour |
| 200% | 10 to 45 Sec. | 200% | 6.0 to 30 Sec. |
| 400% | 3.0 to 14.0 Sec. | 400% | 1.6 to 4.5 Sec. |
| 600% | 1.4 to 7.0 Sec. | 600% | 0.60 to 1.7 Sec. |
| 800% | 0.75 to 4.3 Sec. | 800% | 0.25 to 0.90 Sec. |
| 1000% | 0.50 to 3.4 Sec. | 1000% | 0.15 to 0.65 Sec. |

R58 Series



Thermal Circuit Breaker

D40



Electrical Specifications

Electrical Characteristics (@ 25°C)

Calibration: Will continuously carry 100% of rating.

May trip between 101% and 144%, but must trip at 145% of rating at +25°C

Maximum Operating Voltages: 50 VDC; 250 VAC, @ 50/60 Hz

Dielectric Strength: 1500VAC RMS

Resettable Overload Capacity: Ten times rated current

Interrupt Capacity:

2000 Amps at 50 VDC

1000 Amps at 250 VAC

Mechanical Characteristics

Termination: .250 (6.35) Quick Connect Terminals

NOTE: Soldering to terminals is not recommended.

Shock: Withstands to 10 g

Endurance Cycling: Over 1000 cycles at 200% of rated load.

Vibration: Withstands to 10 g at 10 to 55 Hz.

Weight: Less than 1.5 ozs. (42.5 g)

NOTE: 30A and 35A devices NOT UL or CSA.