

UL-Series - UL489 Miniature Molded Case Circuit Breaker - 1 pole C-Trip - DC



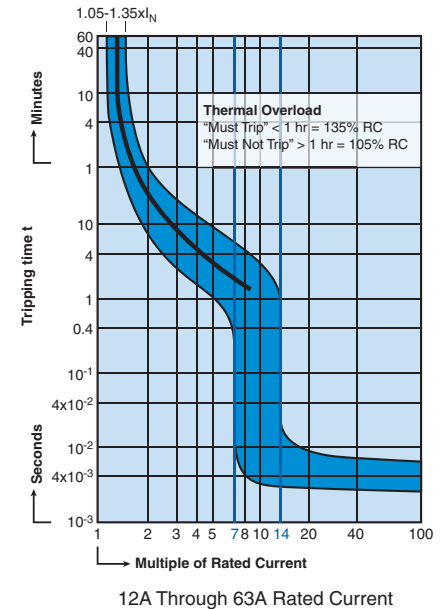
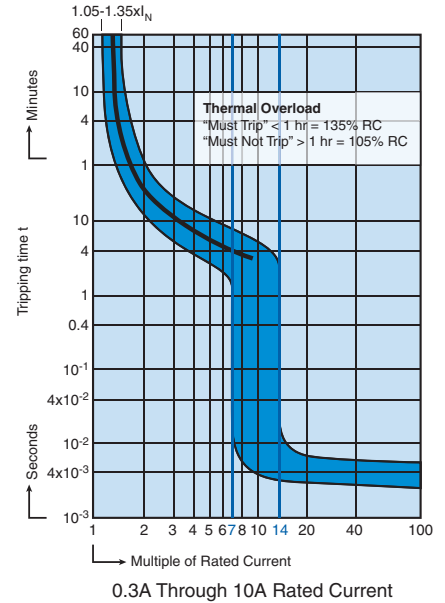
One Pole



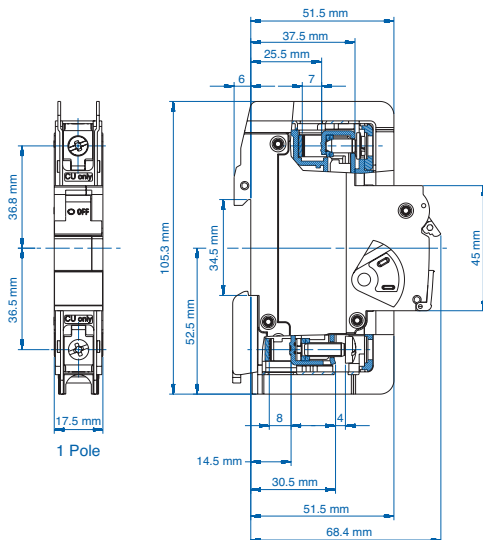
Standard Pack: 12

Weight:
0.3-32A:
1.74kg (3.83lb.)
40-63A:
1.98kg (4.37lb.)

| Rated Current | Type/ Cat. No. | Rated Voltage |
|---------------|----------------|---------------|
| 0.3A | 1C03DL | 125V DC |
| 0.5A | 1C05DL | 125V DC |
| 1.0A | 1C1DL | 125V DC |
| 1.6A | 1C1.6DL | 125V DC |
| 2.0A | 1C2DL | 125V DC |
| 3.0A | 1C3DL | 125V DC |
| 4.0A | 1C4DL | 125V DC |
| 5.0A | 1C5DL | 125V DC |
| 6.0A | 1C6DL | 125V DC |
| 8.0A | 1C8DL | 125V DC |
| 10A | 1C10DL | 125V DC |
| 12A | 1C12DL | 125V DC |
| 13A | 1C13DL | 125V DC |
| 15A | 1C15DL | 125V DC |
| 16A | 1C16DL | 125V DC |
| 20A | 1C20DL | 125V DC |
| 25A | 1C25DL | 125V DC |
| 30A | 1C30DL | 125V DC |
| 32A | 1C32DL | 125V DC |
| 40A | 1C40DL | 125V DC |
| 50A | 1C50DL | 125V DC |
| 60A | 1C60DL | 125V DC |
| 63A | 1C63DL | 125V DC |



| | |
|---------------------------------|--|
| Current/ Voltage Rating | 0.3 - 63A/ 125V DC |
| Calibration Temperature | 40°C (104°F) |
| Ambient Temperature | -25°C to +55°C (-13°F to 131°F) |
| Storage Temperature | -40°C to +70°C (-40°F to 158°F) |
| Terminal Torque (min/max) | 2 Nm (17.7 lb.in.) / 2.5Nm (22.2 lb.in) |
| Electrical Life | 6000 switching cycles ON/ OFF |
| Mechanical Life | 10000 switching cycles ON/ OFF |
| Vibration Resistance | > 15g according to DIN EN 60069-2-59 during a load with $I_1 = 1.05 \times I_N$ |
| Resistance to mechanical shocks | 25g @ 11ms |



"C" Magnetic Trip Parameters

Rated current 0.3A to 63A.

1. Hold for a minimum of 100ms at surge of 7 times rated current.
2. Trip in under 100ms at 14 times rated current.

Short Circuit Interrupting Capacity

DC

| No. Poles | Type | 0.3-32A | 40-63A |
|-----------|------|-------------|-------------|
| 1 | DC | 10kA @ 125V | 10kA @ 125V |