

## UL-Series - UL489 Miniature Molded Case Circuit Breaker - 1 pole D-Trip - AC



**One Pole**



Standard Pack: 12

Weight:

0.3-32A:

1.74kg (3.83lb.)

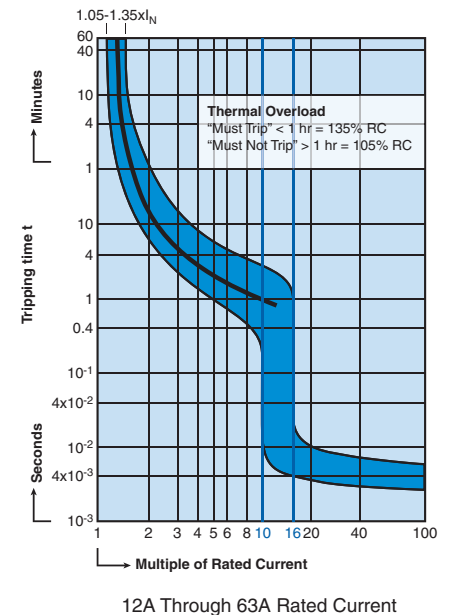
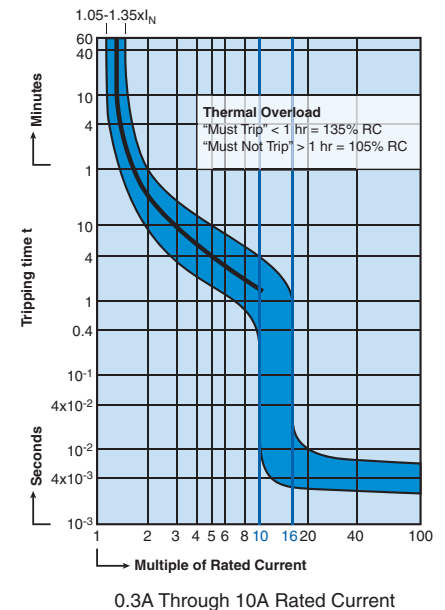
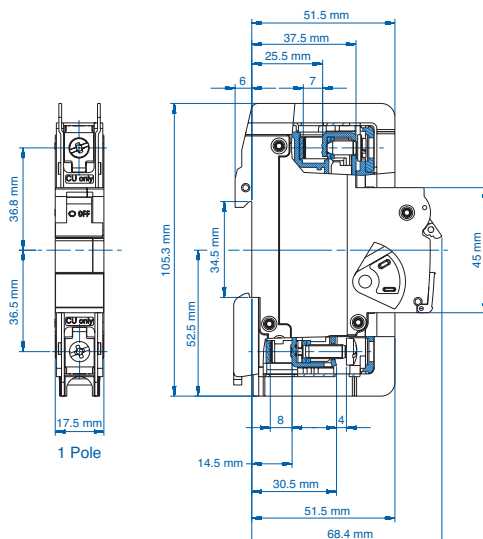
40-63A:

1.98kg (4.37lb.)

| Rated Current | Type/Cat. No. | Rated Voltage |
|---------------|---------------|---------------|
| 0.3A          | 1D03UL        | 277V AC       |
| 0.5A          | 1D05UL        | 277V AC       |
| 1.0A          | 1D1UL         | 277V AC       |
| 1.6A          | 1D1.6UL       | 277V AC       |
| 2.0A          | 1D2UL         | 277V AC       |
| 3.0A          | 1D3UL         | 277V AC       |
| 4.0A          | 1D4UL         | 277V AC       |
| 5.0A          | 1D5UL         | 277V AC       |
| 6.0A          | 1D6UL         | 277V AC       |
| 8.0A          | 1D8UL         | 277V AC       |
| 10A           | 1D10UL        | 277V AC       |
| 12A           | 1D12UL        | 277V AC       |
| 13A           | 1D13UL        | 277V AC       |
| 15A           | 1D15UL        | 277V AC       |
| 16A           | 1D16UL        | 277V AC       |
| 20A           | 1D20UL        | 277V AC       |
| 25A           | 1D25UL        | 277V AC       |
| 30A           | 1D30UL        | 277V AC       |
| 32A           | 1D32UL        | 277V AC       |
| 40A           | 1D40UL        | 240V AC       |
| 50A           | 1D50UL        | 240V AC       |
| 60A           | 1D60UL        | 240V AC       |
| 63A           | 1D63UL        | 240V AC       |

|                                        |                                                                                    |
|----------------------------------------|------------------------------------------------------------------------------------|
| <b>Current/ Voltage Rating</b>         | 0.3 - 63A/ 240V AC, 0.3-32A/ 277V AC*                                              |
| <b>Calibration Temperature</b>         | 40°C (104°F)                                                                       |
| <b>Ambient Temperature</b>             | -25°C to +55°C (-13°F to 131°F)                                                    |
| <b>Storage Temperature</b>             | -40°C to +70°C (-40°F to 158°F)                                                    |
| <b>Terminal Torque (min/max)</b>       | 2 Nm (17.7 lb.in.) / 2.5Nm (22.2 lb.in)                                            |
| <b>Electrical Life</b>                 | 6000 switching cycles ON/ OFF                                                      |
| <b>Mechanical Life</b>                 | 10000 switching cycles ON/ OFF                                                     |
| <b>Vibration Resistance</b>            | > 15g according to DIN EN 60069-2-59 during a load<br>with $I_1 = 1.05 \times I_N$ |
| <b>Resistance to mechanical shocks</b> | 25g @ 11ms                                                                         |

\*One device dual voltage ratings.



### "D" Magnetic Trip Parameters

Rated current 0.3A to 63A.

1. Hold for a minimum of 100ms at surge of 10 times rated current.
2. Trip in under 100ms at 16 times rated current.

### Short Circuit Interrupting Capacity

AC

| No. Poles | Type | 03-32A                | 33-63A           |
|-----------|------|-----------------------|------------------|
| 1         | AC   | 10kA @ 120, 240, 277V | 10kA @ 120, 240V |