

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



E329510

One Pole



Standard Pack: 12

Weight:

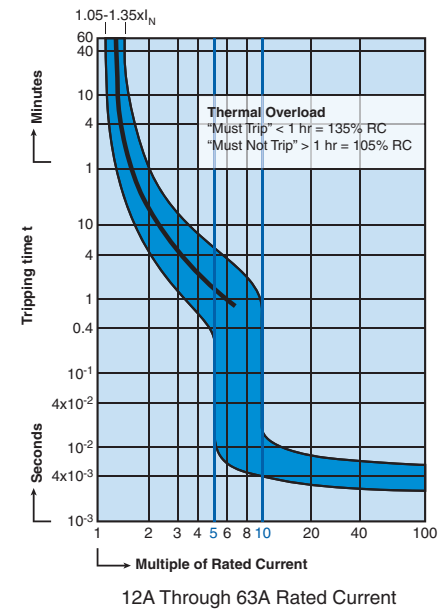
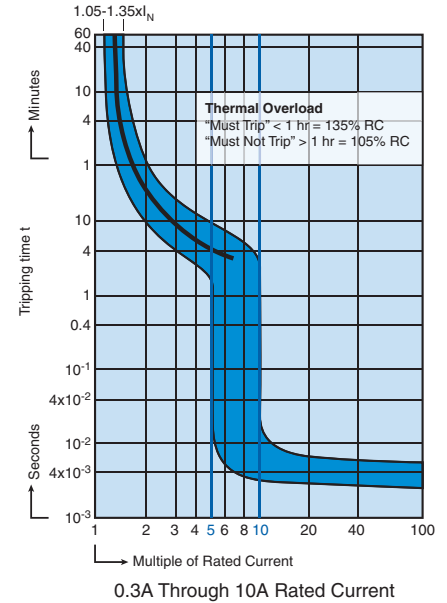
0.3-32A:

1.74kg (3.83lb.)

40-63A:

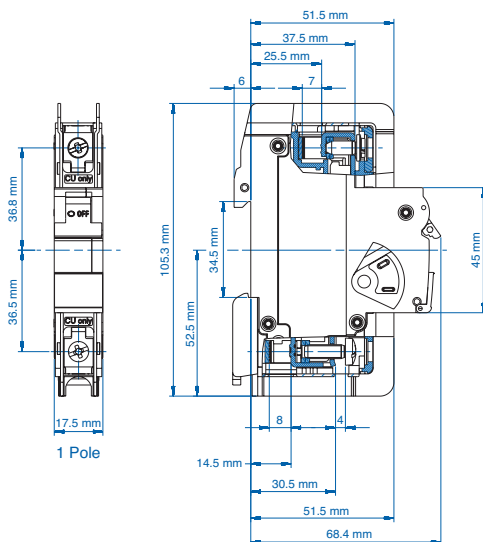
1.98kg (4.37lb.)

Rated Current	Type/ Cat. No.	Rated Voltage
0.3A	1C03UL	277V AC
0.5A	1C05UL	277V AC
1.0A	1C1UL	277V AC
1.6A	1C1.6UL	277V AC
2.0A	1C2UL	277V AC
3.0A	1C3UL	277V AC
4.0A	1C4UL	277V AC
5.0A	1C5UL	277V AC
6.0A	1C6UL	277V AC
8.0A	1C8UL	277V AC
10A	1C10UL	277V AC
12A	1C12UL	277V AC
13A	1C13UL	277V AC
15A	1C15UL	277V AC
16A	1C16UL	277V AC
20A	1C20UL	277V AC
25A	1C25UL	277V AC
30A	1C30UL	277V AC
32A	1C32UL	277V AC
40A	1C40UL	240V AC
50A	1C50UL	240V AC
60A	1C60UL	240V AC
63A	1C63UL	240V AC



Current/ Voltage Rating	0.3 - 63A/ 240V AC, 0.3-32A/ 277V AC*
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

*One device dual voltage ratings.



"C" Magnetic Trip Parameters

Rated current 0.3A to 63A.

1. Hold for a minimum of 100ms at surge of 5 times rated current.
2. Trip in under 100ms at 10 times rated current.

Short Circuit Interrupting Capacity AC

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

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



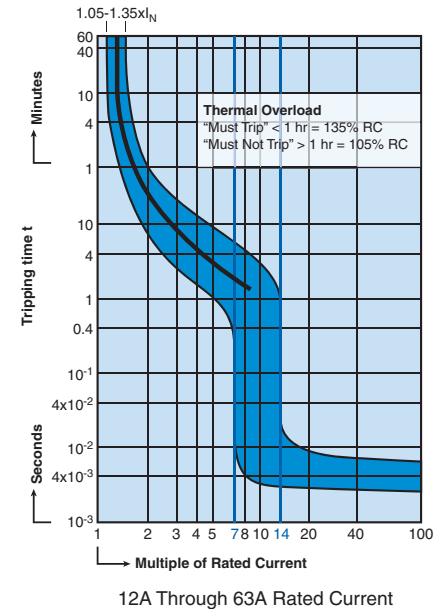
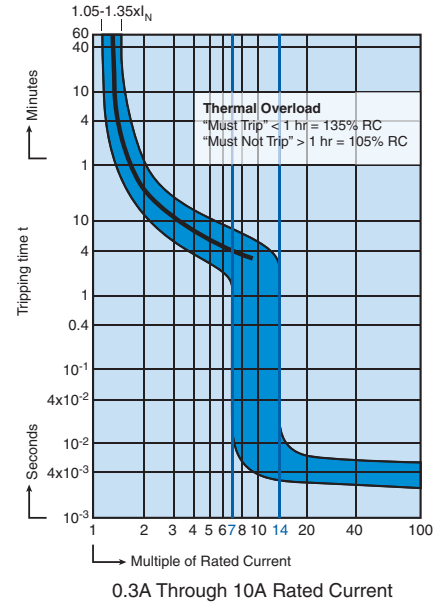
One Pole



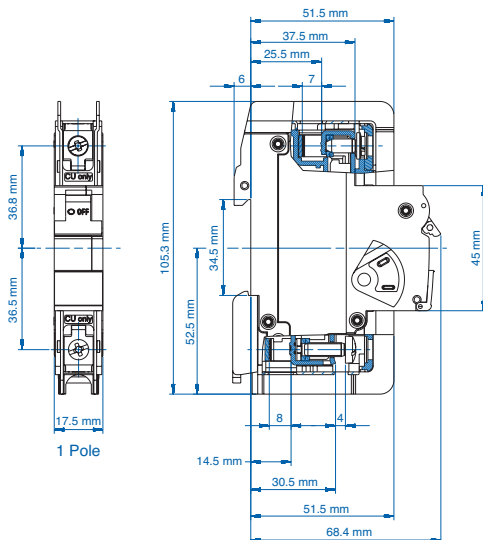
Standard Pack: 12

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