Altech Corp.®
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UL-Series - UL489 Miniature Molded Case Circuit Breaker - **1 pole D-Trip - DC**

C UL US LISTED C.B.
E329510

CE

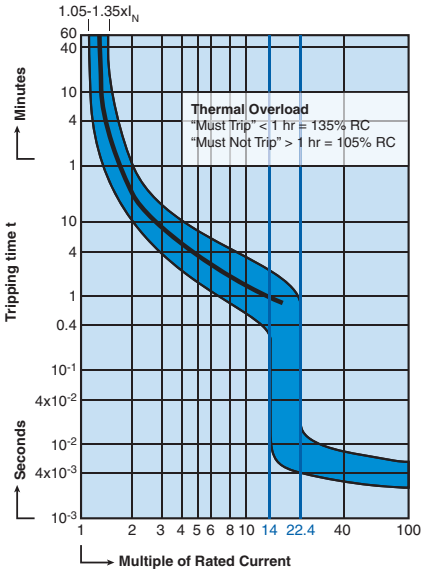
One Pole

Standard Pack: 12

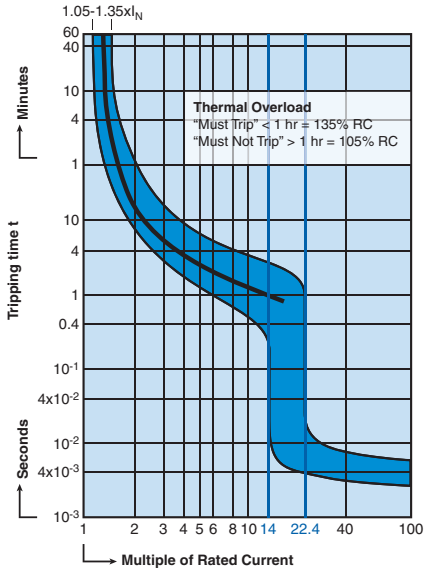
Weight:
0.3-32A:
1.74kg (3.83lb.)

40-63A:
1.98kg (4.37lb.)

Rated Current	Type/ Cat. No.	Rated Voltage
0.3A	**1D03DL**	125V DC
0.5A	**1D05DL**	125V DC
1.0A	**1D1DL**	125V DC
1.6A	**1D1.6DL**	125V DC
2.0A	**1D2DL**	125V DC
3.0A	**1D3DL**	125V DC
4.0A	**1D4DL**	125V DC
5.0A	**1D5DL**	125V DC
6.0A	**1D6DL**	125V DC
8.0A	**1D8DL**	125V DC
10A	**1D10DL**	125V DC
12A	**1D12DL**	125V DC
13A	**1D13DL**	125V DC
15A	**1D15DL**	125V DC
16A	**1D16DL**	125V DC
20A	**1D20DL**	125V DC
25A	**1D25DL**	125V DC
30A	**1D30DL**	125V DC
32A	**1D32DL**	125V DC
40A	**1D40DL**	125V DC
50A	**1D50DL**	125V DC
60A	**1D60DL**	125V DC
63A	**1D63DL**	125V DC



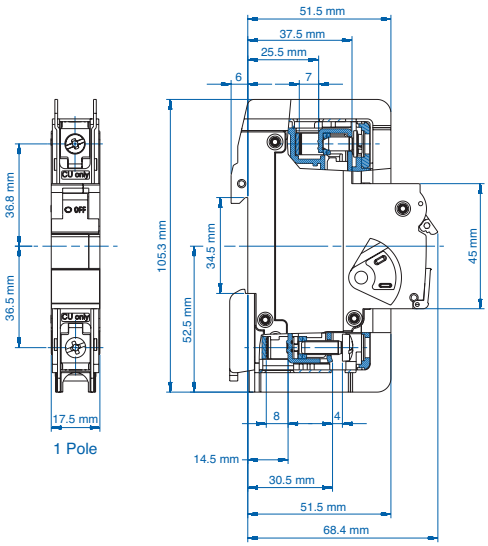
0.3A Through 10A Rated Current



12A Through 63A Rated Current

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

"D" Magnetic Trip Parameters
Rated current 0.3A to 63A.
1. Hold for a minimum of 100ms at surge of 14 times rated current.
2. Trip in under 100ms at 22.4 times rated current.



Short Circuit Interrupting Capacity

DC

No. Poles	Type	0.3-32A	40-63A
1	**DC**	10kA @ 125V	10kA @ 125V
2	**DC**	10kA @ 250V	10kA @ 250V

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