

Product Overview

■ Main functions

Electric leakage protection, and disconnection functions

■ Applied standards

IEC61008-1 GB/T 16916.1

■ Certification compliance



■ Main features

Rated operating voltage(V)	230/400 AC	Rated residual making and breaking capacity I _m (A)	In<63A, 500A; In≥63A, 10In
Rated current (A)	10,16,20,25,32,40,63,80,100	Rated limit short circuit current I _{Δc} (A)	6000
Rated frequency (Hz)	50/60	Rated residual operating current I _{Δn} (mA)	30,100,300
Number of poles	2P, 4P	Leakage operation time (s)	t < 0.1

Product Selection

Product name	Number of poles	Rated current	Residual current	Leakage protection type
CDL6i	2	10	S	C
	↓	↓	↓	↓
	2: 2P 4: 4P	10: 10A 16: 16A 20: 20A 25: 25A 32: 32A 40: 40A 63: 63A 80: 80A 100: 100A	S: 30mA Y: 100mA T: 300mA	C: AC type A: A type

Note: No no RoHS compliant materials are available for this model.

Technical Parameters

■ Electrical characteristics

Rated insulation voltage U _i	(V)	500	Disconnection function	Yes
Rated impulse withstand voltage U _{imp}	(kV)	4	Pollution level	2
Trip type		Electric magnetic type	Electric shock protection grade	II
Leakage protection type		AC, A	Altitude	(m) ≤2000
Dielectric test voltage	(kV)	2kV (50Hz, 1 minute)		

Mechanical characteristics

Trip indicator	Instantaneous trip, rated residual current is not adjustable There is a mechanical indicator window on the front to indicate residual current faults In case of any residual current fault trip, the window changes to red from green
Handle	Red, mark indicates ON-OFF position
Mechanical durability Times	20000
Electrical durability Times	10000

Protection grade	Installed in a distribution box: IP40 Installed directly: IP20
Mechanical shock resistance	30g, 3 shocks, duration 11 ms (in places without significant vibration and shock)
Ambient working temperature °C	-5°C~+40°C
Storage temperature °C	-25°C~+55°C
Relative humidity °C	≤95%

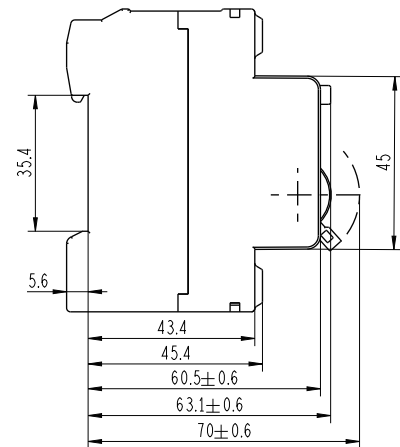
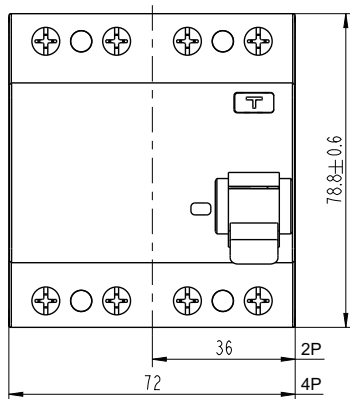
Installation characteristics

Max. wiring capacity	$I_n \leq 63A$: $\leq 16mm^2$; $I_n > 63A$: $\leq 35mm^2$
Max. ultimate torque	2N·m
Tools	Cross screwdriver or slotted screwdriver

Installation	Installed on the standard DIN rail (35mm)
Inlet method	Top inlet available

Outline and Installation Dimensions

CDL6i-63



CDL6i-100

