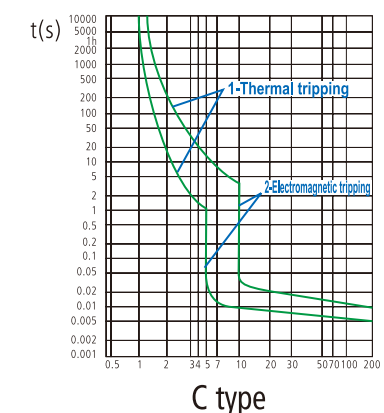
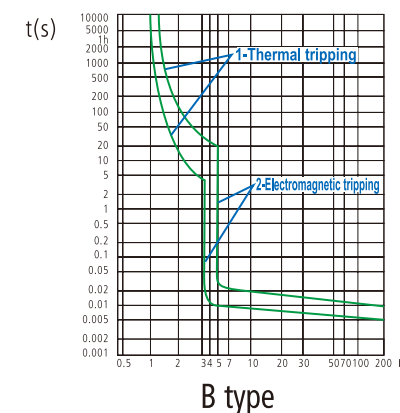


ELL Series (Electronic) Residual Current Operated Circuit Breaker(RCBO)

Application

Standard	Confirming to EN / IEC 61009 -1
Breaking capacity	6kA
Protection	Ground fault, overcurrent and short circuit
Rated current, I _n	3, 6, 10, 16, 20, 25, 32, 40A
Operating, I _{Δn}	10,30, 100, 300mA
Characteristic	B.C
Rated residual current operated making & breaking capacity I _{Δm}	500A
Rated residual non-operated current I _{Δno}	0.5I _{Δn}
Rated impulse withstand voltage U _{imp}	4000V
Number of poles	1P+N
Rated voltage	230VAC
Protection degree	-25°C~+40°C
Residual current off-time	≤ 0.1 sec.
Type of trip	Ground fault Over current
	Electro-magnetic Thermal-magnetic
Protection degree	IP20
Mount	On 35mm DIN rail
Width	2 modules
Terminal	Lug type and Pin type

1. Curves



2. Breaking time of residual current

In (A)	I _{Δn} (A)	Max. Breaking times				
		I _{Δn}	2I _{Δn}	5I _{Δn}	5A, 10A, 20A, 50A, 100A, 200A,	
3~40	0.01,0.03,0.1,0.3	0.1s	0.08s	0.04s	0.04s	

3. Wiring

The suitable conductors should be used for connection,see table below for relative parameters.

Rated current In (A)	Cross section area S (mm ²)	Tightening torque (N . m)
3~6	1	2
10	1.5	2
16~20	2.5	2
25	4	2
32	6	2
40	10	2

4. Overall and mounting dimensions

