

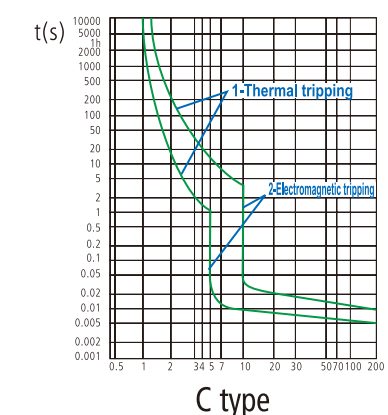
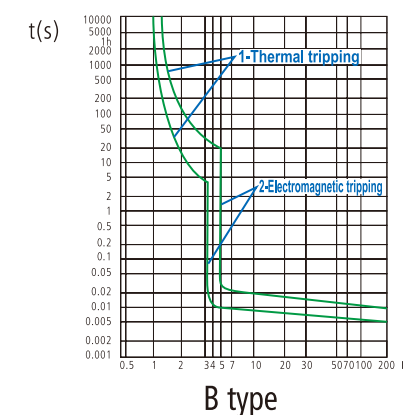


PLBR Series (Electronic) Residual Current Operated Circuit Breaker(RCBO)

Application

Standard	Confirming to EN / IEC61009
Breaking Capacity	6KA,10KA
Number of poles	1P+N(1 module)
Rated currents	6,10,16, 20, 25, 32, 40A
Rated voltage	230VAC
Rated Tripping Current	10mA,30mA,100mA
Residual current off time	≤ 0.1s
Characteristic	B,C
Electrical endurance	10000
Mechanical endurance	20000
Protection degree	-25°C~+40°C
Connection terminal	Flexible conductor 16mm ² Rigid conductor 25mm ²
Type of terminal	Lug type and Pin type
Width	17.5mm /module

1. Curves



2. Breaking time of residual current

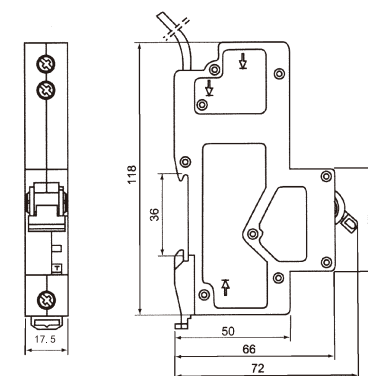
In (A)	I _{Δn} (A)	Max. Breaking times			
		I _{Δn}	2I _{Δn}	5I _{Δn}	5A, 10A, 20A, 50A, 100A, 200A,
6~40	0.01,0.03,0.1	0.1s	0.08s	0.04s	0.04s

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)
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



5.Wiring diagram

