

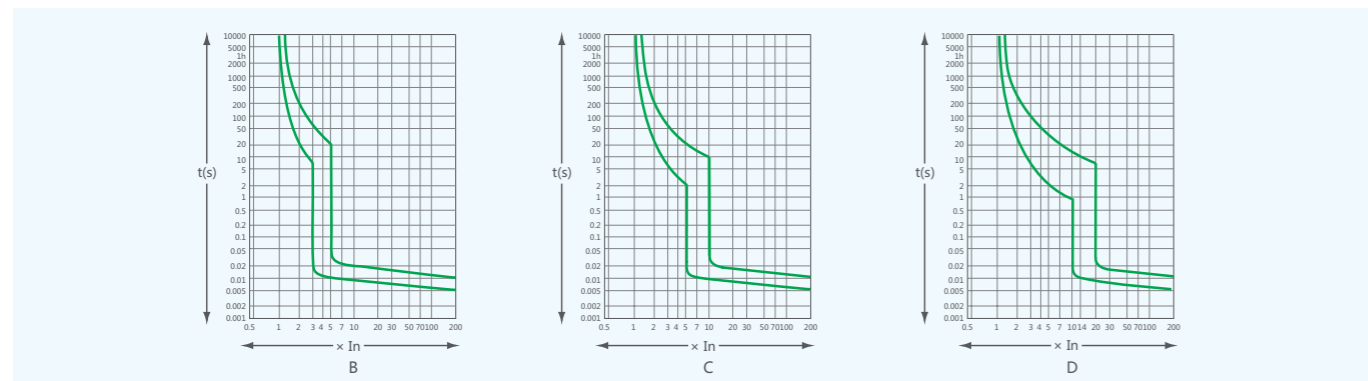
**General**

1. Protection against overload and short-circuit currents
2. Protection against the effects of sinusoidal alternating earth fault currents
3. Protection against indirect contacts and additional protection against direct contacts.
4. Protection against fire hazard caused by insulation faults
5. Used in residential building
6. According to the type of instantaneous release classified as follows : type B(3-5)In, type C(5-10)In, type D(10-20)In

**Release**

Type	Test current	Tripping time	Expected result	Type	Test current	Tripping time	Expected result
B,C,D	1.13In	t ≤ 1h (In ≤ 63A)	Not tripping	B	3In	t ≤ 0.1s	Not tripping
	1.13In	t ≤ 2h (In > 63A)		C	5In	t ≤ 0.1s	
B,C,D	1.45In	t < 1h (In ≤ 63A)	Tripping	D	10In	t ≤ 0.1s	
	1.45In	t < 2h (In > 63A)		B	5In	t < 0.1s	
B,C,D	2.55In	1s < t < 60s (In ≤ 32A)	Tripping	C	10In	t < 0.1s	Tripping
	2.55In	1s < t < 120s (In > 32A)		D	20In	t < 0.1s	

**Curve**



**Specifications**

Type	Standard		IEC/EN 61009-1
Electrical features	Poles	P	2, 4
	Type(wave form of the earth leakage sensed)		A/AC
	Thermo-magnetic release characteristic		B, C, D
	Rated current In	A	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63, 80
	Rated voltage Ue	V	230/400
	Rated sensitivity IΔn	A	0.03, 0.05, 0.1, 0.2
	Rated residual making and breaking capacity IΔm	A	500(In ≤ 40A) 630(In > 40A)
	Rated short-circuit capacity Icn	A	6000
	Break time under IΔn	s	≤ 0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind.Freq.for 1min	kV	2
	Insulation voltage Ui	V	500
	Pollution degree		3
	Mechanical features	Electrical life	t
Mechanical life		t	10000
Contact position indicator			Yes
Connection and Installation	Protection degree		IP20
	Connection capacity	mm <sup>2</sup>	1~35
	Circumstance temperature	°C	-25~+70
	Elevation	m	≤ 2000
	Pollution degree		3
	Terminal connection type		Cable/Pin-type busbar
	Installation Environment		No obvious vibration and shock
	Installation category		III
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device
	Connection		From top

**Overall and mounting dimensions(mm)**

