

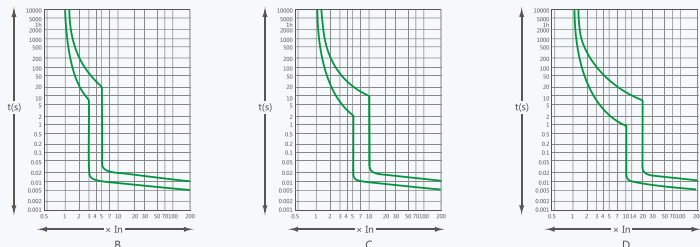
General

1. Overload protection
2. Short circuit protection
3. Controlling
4. Used in residential building, non-residential building, energy source industry and infrastructure.
5. According to the type of instantaneous release classified as follows : type B(3-5) I_n , type C(5-10) I_n , type D(10-20) I_n

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C,D	1.13 I_n	$t \leq 1h(I_n \leq 63A)$	B	3 I_n	$t \leq 0.1s$
	1.13 I_n	$t \leq 2h(I_n > 63A)$	C	5 I_n	$t \leq 0.1s$
B,C,D	1.45 I_n	$t < 1h(I_n \leq 63A)$	D	10 I_n	$t \leq 0.1s$
	1.45 I_n	$t < 2h(I_n > 63A)$	B	5 I_n	$t < 0.1s$
B,C,D	2.55 I_n	$1s < t < 60s(I_n \leq 32A)$	C	10 I_n	$t < 0.1s$
	2.55 I_n	$1s < t < 120s(I_n > 32A)$	D	20 I_n	$t < 0.1s$

Curve



Specifications

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current I_n	A	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63, 80
	Poles	P	1, 2, 3, 4
	Rated voltage U_e	V	230/400
	Insulation voltage U_i	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	6000, 10000
	Rated impulse withstand voltage(1.2/50) U_{imp}	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	8000
	Mechanical life	t	20000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average $\leq 35^\circ C$)	°C	-5 ~ +40
	Storage temperature	°C	-25 ~ +70
Installation	Terminal connection type		Cable/Pin-type busbar/U-type bar
	Terminal size top / bottom for cable	mm ²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm ²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-lbs	18
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
Connection		From top and bottom	

Overall and mounting dimensions(mm)

