



Function

The product ensures reliable action against sinusoidal AC residual current, pulsed DC residual current, AC residual sinusoidal current (up to 1000Hz), pulsed DC residual current, and smooth DC residual current, whether applied suddenly or increased slowly.

Technical specification

- Standard: IEC62955、IEC61009.1
- Frame current (Im) : 80A
- Rated current(In) : 6、10、16、25、32、40、50、63、80A
- Rated voltage (Ue) : 230V(1P+N), 400V(3P+N)
- Rated impulse voltage(Ui): 500V
- Pole: 1P+N、3P+N
- Trip curve: B、C
- Rated residual operating current (IΔn) : 30mA
- Direct current current flow as sensitivity (IΔndc) : 6mA
- Remaining action type: Type B
- Rated impulse withstand voltage (Uimp) : 4kV
- Mechanical life: 20000 time
- Electrical life : 6000 time
- Rated short-circuit breaking capacity (Icn) : 4.5、6kA

Main feature

- Modular design, maximum rated current up to 80A
- Both L and N poles have overload protection functions
- More comprehensive leakage protection to maximize reliability and safety

Normal Operating Conditions and Installation Condition

- The ambient air temperature:-5~+40°C , Average not more than +35°C within 24 hours
- Altitude(m):Not exceed 2000 meters
- Protection degree:IP20
- Mounting: On Din rail TH35-7.5 mounting rail installation

Copper wire connection

Rated current(In)	Copper wire connection (mm ²)
6A	1
10、13A	1.5
16、20A	2.5
25A	4
32A	6
40A	10
50、63	16
80A	25
100A	35
125A	50

脱扣特性

项目	类型	试验电流	起始状态	脱扣或不脱扣时间	预期测试结果
a	B、C、D	1.13In	Cold state	t≤1h	No Trip
b	B、C、D	1.45In	followed by experiment a	t<1h	Trip
c	B、C、D	2.55In	Cold state	1s<t<60s(In≤32A) 1s<t<120s(In>32A)	Trip
d	B	3In	Cold state	t≤0.1s	No Trip
	C	5In			
	D	10In			
e	B	5In	Cold state	t<0.1s	Trip
	C	10In			
	D	15In			

Dimensions

