



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.

General

- Standard: IEC62955, IEC61008.1, GB16916.1
- Frame current (Im) : 100A
- Rated current(In) : 16, 25, 32, 40, 63, 80, 100A
- Rated voltage (Ue) : 230V(2P), 400V(4P)
- Rated impulse voltage(Ui): 500V
- Rated operating frequency:50/60Hz
- Pole: 2P, 4P
- Rated residual operating current (IΔn) : 30mA
- Direct current current flow as sensitivity (IΔndc) : 6mA
- Remaining action type: Type EV
- Rated impulse withstand voltage (Uimp) : 4kV
- Mechanical life: 10000 time
- Electrical life :6000 time
- Rated short-circuit breaking capacity (Icn) : 6, 10kA

Main feature

- Breaking capacity up to 10kA, maximum rated current 100A
- 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

Remaining current operation time

rated current In(A)	Rated residual action current IΔn (mA)	Residual current breaking time(s)		
		IΔn	2IΔn	5IΔn
16, 25, 40, 63	30, 100, 300	0.1	0.08	0.04

Copper wire connection

	Rated residual action current IΔn (mA)									
	6A	10, 13A	20, 16A	25A	32A	40A	50, 63A	80A	100A	125A
Connecting copper wire (mm ²)	1	1.5	2.5	4	6	10	16	25	35	50

Dimensions

