



RCD Type A

Residual Current Device

Product Description

RCD Type A series residual current device is mainly used in AC 50Hz circuit with rated voltage up to 400V and rated current up to 125A. In case of personal electric shock or when the earth leakage exceeds the specified value, the residual current device can quickly cut off the power supply in a very short time for protection of the safety of people and electrical equipment

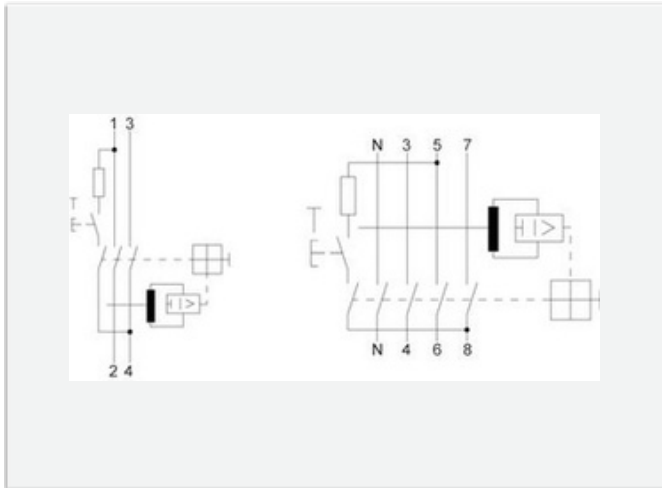
This product is suitable for various places such as industry, commercial and domestic installations.



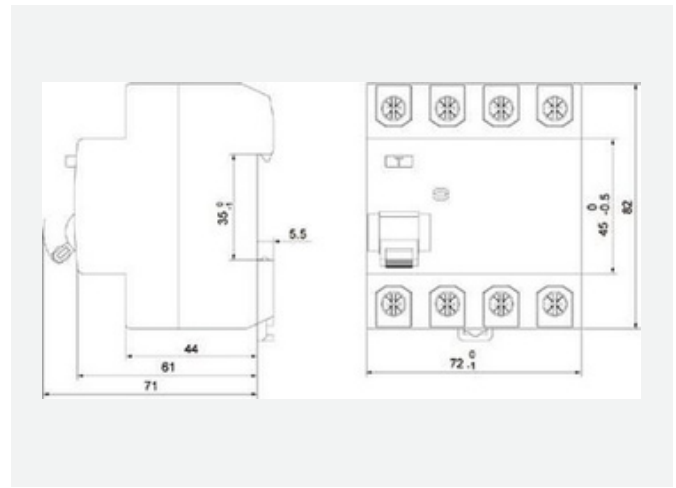
The main technical parameters

Product name	Type A RCD
Standards	IEC61008-1
Certificate	CE, UK CA
Electrical characteristics	
Number of poles	2
Rated frequency (Hz)	50
Frame current (A) I_{nm}	100
Rated current (A) I_n	25-100
Rated voltage (V)	230/400
Rated insulation voltage (V) U_i	500
Rated impulse withstand voltage (kV) U_{imp}	4
Rated short-circuit breaking capacity (kA) I_{cs}	7.5
Rated short-circuit breaking capacity (kA) I_{cn}	10
Trip form	Leakage Trip
Pollution level	2
Rated residual action current (mA)	30\100\300
Max. breaking time at the rated residual current	0.1
wave form of earth leakage sensed	A,AC
Mechanical properties	
Electrical life	6000
Mechanical life	10000
Protection grade	IP20
Indicator window	Contact status indication
Normal operation conditions and installation characteristics	
Storage temperature	-35°C ~ +70°C
Installation site altitude	≤ 2000m
Terminals	Fixed with screw
Maximum wiring capacity	25mm ²
Maximum limit torque Nm	3.5
Installation category	Class II , III
Installation method	35mm standard rail
Incoming method	Upper and lower

Wiring diagram



Product and installation dimensions(MM)



Order information

- Please specify the product model and specification, and the type, rated current, number of poles, and order quantity of the instantaneous release when ordering.
- Order example: RCD Tybe A series, such as: RCD-225-030 residual current operated circuit breaker
- Number of poles of product, such as 2P
- Rated current, such as 25A
- Rated residual operating current, such as: 30mA
- type wave form of earth leakage sensed such as: A type
- Order quantity, such as: 1000 units
- Specified as: RCD-225-030 1000 units