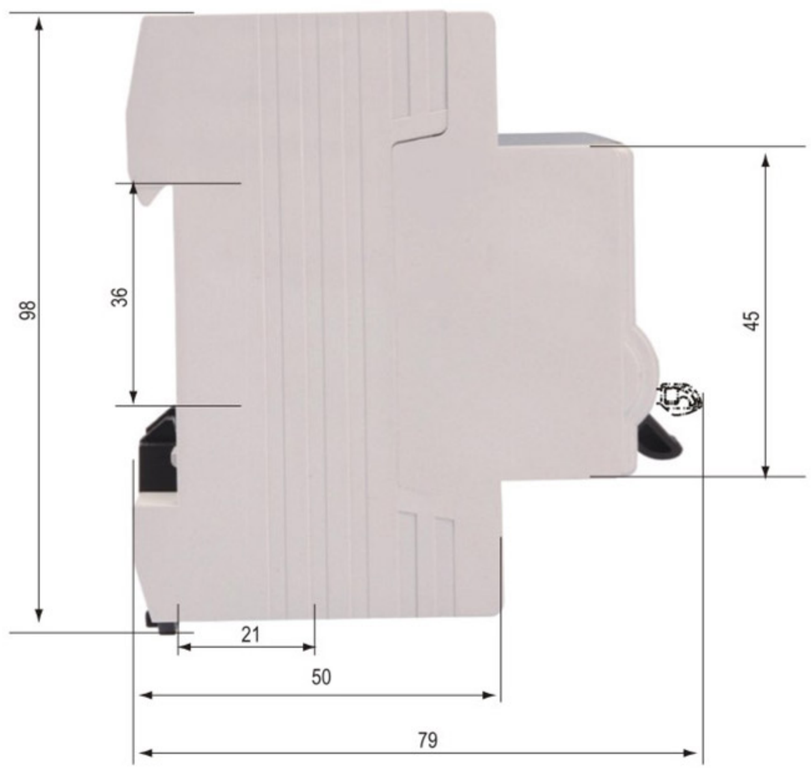
Construction and Feature

- Provides protection against earth fault/leakage current and function of isolation
- High short-circuit current withstand capacity
- Applicable to terminal and pin/fork type busbar connection
- Contact position indication
- Equipped with finger protected connection terminals
- Fire resistant plastic parts endures abnormal heating and strong impact
- Automatically disconnect the circuit when earth fault/ leakage current occurs and exceeds the rated sensitivity.
- Independent of power supply and line voltage, and free from external interference, voltage fluctuation.

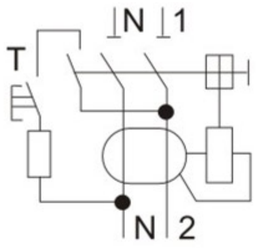
Technical Data

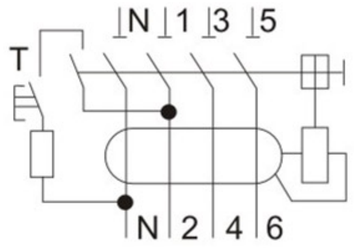
- Mode: electro-magnetic type, electronic type
- Residual current characteristics: A, AC
- Pole No.: 2, 4
- Rated making and breaking capacity: 500(In=25A,32,40A),630(In=63A)
- Rated current(A): 25, 40, 63
- Rated voltage: AC 230(240)/400(415)
- Rated frequency: 50/60Hz
- Rated residual operating current I△n(A): 0.03, 0.1, 0.3, 0.5
- Rated residual non operating current I△no: 0.5I△n
- Rated conditional short-circuit current Inc: 10kA
- Rated conditional residual short-circuit Current I△c: 10kA
- Tripping duration: instantaneous tripping≤0.3s(0.1)
- Residual tripping current range: 0.5I△n~I△n
- Terminal Connection Height: 21mm
- Electro-mechanical endurance: 4000 cycles
- Connection capacity: Rigid conductor 25mm^2
- Connection terminal: Screw terminal
- Pillar terminal with clamp
- Fastening torque: 2.0Nm
- Installation:
- On symmetrical DIN rail 35.5mm
- Panel mounting
- Protection class:IP20

Overall & Installation Dimensions



Wiring Diagram





Residual Current Action Breaking Time

type	In/A	I△n/A	Residual Current (I△) Is Corresponding To The Following Breaking Time (S)				
			I△n	2 I△n	5 I△n	5A,10A,20A,50A,100A,200A,500A	
general type	any value	any value	0.3	0.15	0.04	0.04	Max Break-time
S type	≥25	＞0.03	0.5	0.2	0.15	0.15	Max Break-time
			0.13	0.06	0.05	0.04	Min non-driving time

The general type RCBO whose current I △n is 0.03mA or less can use 0.25A instead of 5I △n.

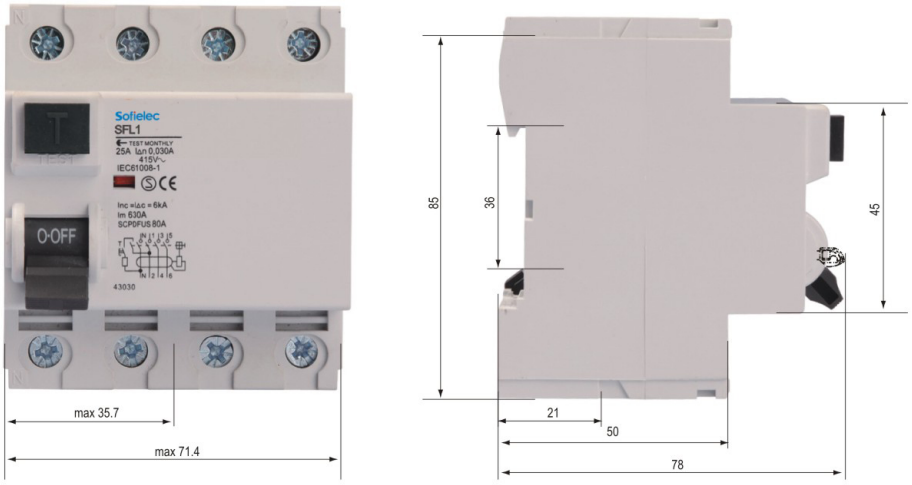
Construction and Feature

- Provides protection against earth fault/leakage current and function of isolation
- High short-circuit current withstand capacity
- Contact position indication
- Equipped with finger protected connection terminals
- Fire resistant plastic parts endures abnormal heating and strong impact
- Automatically disconnect the circuit when earth fault/ leakage current occurs and exceeds the rated sensitivity.
- Independent of power supply and line voltage, and free from external interference, voltage fluctuation.

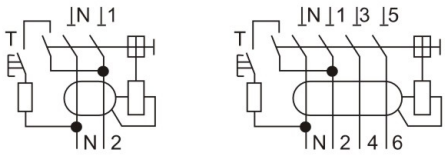
Technical Data

- Mode: electro-magnetic type, electronic type
- Residual current characteristics: A, AC
- Pole No.: 2, 4
- Rated making and breaking capacity:
  500A(In=25A,40A) or 10InA(In=63A,80A,100A,125A)
- Rated current(A): 25, 40, 63
- Rated voltage: AC 230(240)/400(415)
- Rated frequency: 50/60Hz
- Rated residual operating current I△n(A): 0.03, 0.1, 0.3, 0.5
- Rated residual non operating current I△no: 0.5I△n
- Rated conditional short-circuit current Inc: 10kA
- Rated conditional residual short-circuit Current I△c: 10kA
- Tripping duration: instantaneous tripping ≤0.3s(0.1)
- Residual tripping current range: 0.5I△n~I△n
- Electro-mechanical endurance: 4000 cycles
- Connection capacity: Rigid conductor 25mm^2
- Terminal Connection Height: 21mm
- Connection terminal:
  - Pillar terminal with clamp
- Fastening torque: 2.0Nm
- Installation:
  - On symmetrical DIN rail 35.5mm
  - Panel mounting
- Protection class:IP20

Overall & Installation Dimensions



Wiring Diagram



Residual Current Action Breaking Time

type	In/A	I△n/A	Residual Current (I△) Is Corresponding To The Following Breaking Time (S)				
			I△n	2 I△n	5 I△n	5A,10A,20A,50A,100A,200A,500A	
general type	any value	any value	0.3	0.15	0.04	0.04	Max Break-time
S type	≥25	＞0.03	0.5	0.2	0.15	0.15	Max Break-time
			0.13	0.06	0.05	0.04	Min non-driving time

The general type RCBO whose current I Δ n is 0.03mA or less can use 0.25A instead of 5I Δ n.