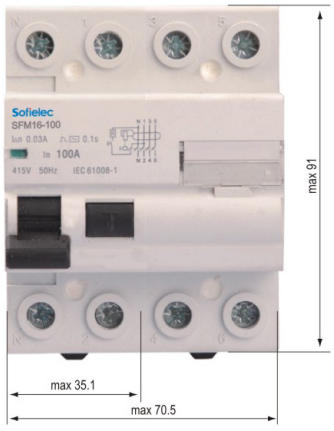
Construction and Feature

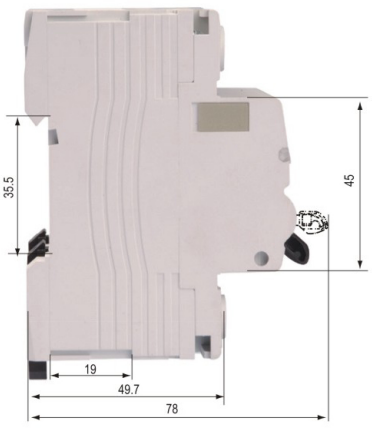
- Elegant appearance; cover and handle in arc shape make comfortable operation.
- Contact position indicating window
- Transparent cover designed to carry label.
- In case of overload to protected circuit, RCCB handle trips and stays at central position, which enables a quick solution to the faulty line. The handle cannot stay in such position when operated manually.
- 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
- 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

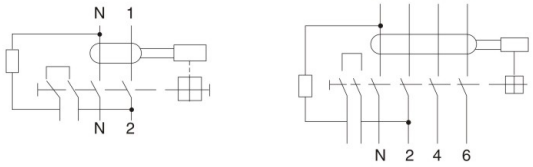
- Mode: electro-magnetic type
- Residual current characteristics: A,AC,G,S
- Pole No.: 2, 4
- Rated making and breaking capacity: 10InA
- Rated current(A): 63, 80, 100
- Rated voltage: AC 230/400
- Rated frequency: 50/60Hz
- Rated residual operating current I△n(A): 0.03, 0.1, 0.3, 0.5
- Rated residual non operating current I△no: 0.5I△n
- Rated conditional short-circuit current Inc: 10kA
- Rated conditional residual short-circuit Current I△c: 10kA
- Residual tripping current range: 0.5I△n~I△n
- Terminal Connection Height: 19mm
- 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 35mm
- 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
G type	any value	any value	0.5	0.2	0.15	0.15	Max Break-time
			0.01	0.01	0.01	0.01	Min Non-driving time

Residual Current Operated Circuit Breaker Tripping Current Range

Type	Tripping current I Δ/A		
AC	0.5I Δ n＜I Δ ＜I Δ n		
A	Lagging Angle	I Δ n＞0.01A	I Δ n≤0.01A
	0°	0.35I Δ n≤I Δ ≤1.4I Δ n	0.35I Δ n≤I Δ ≤2I Δ n
	90°	0.25I Δ n≤I Δ ≤1.4I Δ n	0.25I Δ n≤I Δ ≤2I Δ n
	135°	0.11I Δ n≤I Δ ≤1.4I Δ n	0.11I Δ n≤I Δ ≤2I Δ n