




Residual Current Circuit Breaker

SGR

IEC/EN 61008-1

Type AC Type A - Ai Type S - Si 

Applications



Approval / Marking



Function and Feature

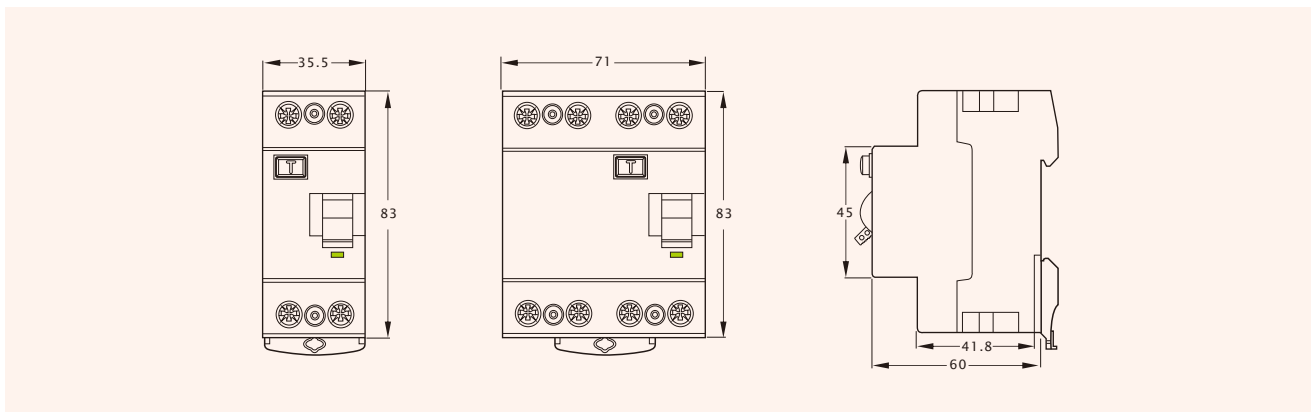
Protection against earth fault/leakage current and residual current, function of isolation
 Protection against fire hazard caused by insulation faults
 Indicator to show residual current
 High breaking capacity up to 10kA
 Pin/fork type busbar terminal connection

Automatically disconnect the circuit when earth fault/leakage current occurs or exceeds the rated sensitivity.
 Independent of power supply and line voltage, and free from external interference, voltage fluctuation
 35mm DIN rail mounting and screw mounting
 Add-on Auto Reset Motor Devices are available

Technical Data

Rated current(I_n): 16, 20, 25, 32, 40, 63, 80A
 Rate voltage(U_n): 230/240VAC, 400/415VAC
 Rated residual current: 10mA, 30mA, 100mA, 300mA
 Number of poles: 1P+N(2P), 3P+N(4P)
 Rated short circuit: 10kA
 Rated frequency: 50/60Hz
 Max. back-up fuse: $I_n=16-63A$ 63AGg/gl
 $I_n=80A$ 80AGg/gl
 Electrical endurance: 10000 cycles
 Mechanical endurance: 20000 cycles
 Terminals: pillar type
 Cable termination: 35mm²
 Torque of screw: 2.5Nm
 IP degree: IP20
 Standards: IEC/EN 61008-1

Dimensions(mm)



SGR-RCCB Type AC

Catalog No.

CTN Size: 47.5* 25.6* 17.5cm

In(A)	30mA	100mA	300mA	QTY/Box	QTY/CTN
	Model No.	Model No.	Model No.	PCS	PCS
16A	SGR 1P+N 16A	SGR 1P+N 16A	SGR 1P+N 16A	1	60
25A	SGR 1P+N 25A	SGR 1P+N 25A	SGR 1P+N 25A	1	60
32A	SGR 1P+N 32A	SGR 1P+N 32A	SGR 1P+N 32A	1	60
40A	SGR 1P+N 40A	SGR 1P+N 40A	SGR 1P+N 40A	1	60
63A	SGR 1P+N 63A	SGR 1P+N 63A	SGR 1P+N 63A	1	60
80A	SGR 1P+N 80A	SGR 1P+N 80A	SGR 1P+N 80A	1	60

In(A)	30mA	100mA	300mA	QTY/Box	QTY/CTN
	Model No.	Model No.	Model No.	PCS	PCS
16A	SGR 3P+N 16A	SGR 3P+N 16A	SGR 3P+N 16A	1	30
25A	SGR 3P+N 25A	SGR 3P+N 25A	SGR 3P+N 25A	1	30
32A	SGR 3P+N 32A	SGR 3P+N 32A	SGR 3P+N 32A	1	30
40A	SGR 3P+N 40A	SGR 3P+N 40A	SGR 3P+N 40A	1	30
63A	SGR 3P+N 63A	SGR 3P+N 63A	SGR 3P+N 63A	1	30
80A	SGR 3P+N 80A	SGR 3P+N 80A	SGR 3P+N 80A	1	30

SGR-RCCB Type A

Catalog No.

CTN Size: 47.5* 25.6* 17.5cm

In(A)	30mA	100mA	300mA	QTY/Box	QTY/CTN
	Model No.	Model No.	Model No.	PCS	PCS
16A	SGR 1P+N 16A	SGR 1P+N 16A	SGR 1P+N 16A	1	60
25A	SGR 1P+N 25A	SGR 1P+N 25A	SGR 1P+N 25A	1	60
32A	SGR 1P+N 32A	SGR 1P+N 32A	SGR 1P+N 32A	1	60
40A	SGR 1P+N 40A	SGR 1P+N 40A	SGR 1P+N 40A	1	60
63A	SGR 1P+N 63A	SGR 1P+N 63A	SGR 1P+N 63A	1	60
80A	SGR 1P+N 80A	SGR 1P+N 80A	SGR 1P+N 80A	1	60

In(A)	30mA	100mA	300mA	QTY/Box	QTY/CTN
	Model No.	Model No.	Model No.	PCS	PCS
16A	SGR 3P+N 16A	SGR 3P+N 16A	SGR 3P+N 16A	1	30
25A	SGR 3P+N 25A	SGR 3P+N 25A	SGR 3P+N 25A	1	30
32A	SGR 3P+N 32A	SGR 3P+N 32A	SGR 3P+N 32A	1	30
40A	SGR 3P+N 40A	SGR 3P+N 40A	SGR 3P+N 40A	1	30
63A	SGR 3P+N 63A	SGR 3P+N 63A	SGR 3P+N 63A	1	30
80A	SGR 3P+N 80A	SGR 3P+N 80A	SGR 3P+N 80A	1	30