

SGC1

IEC/EN 61095

IEC/EN 60947-4-1



Applications



Approval / Marking



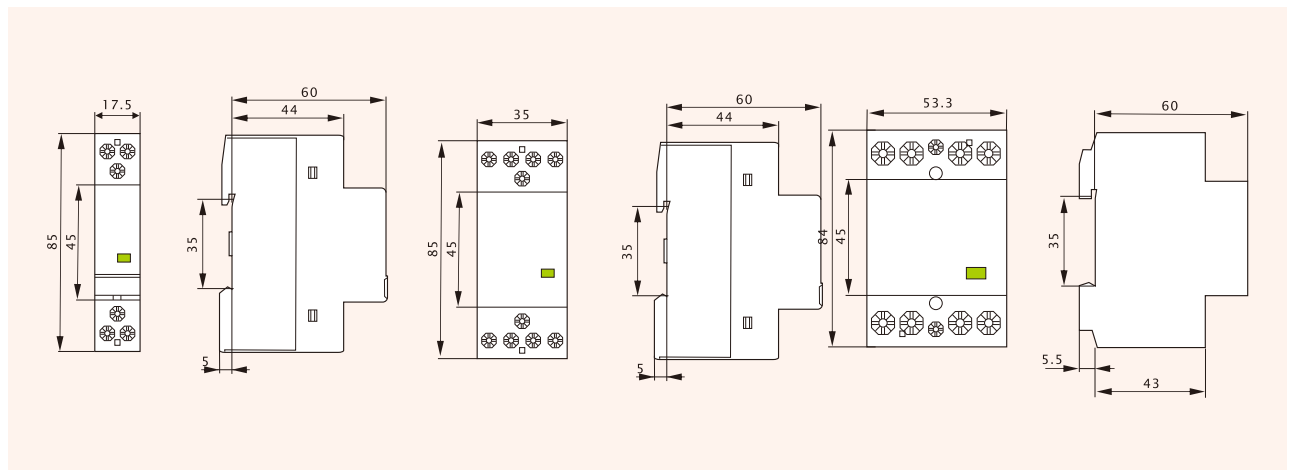
Function and Feature

Contactors are electromechanically controlled switches used to control single or multi-phase (high) power loads while the control itself can be (very) low power

Technical Data

- Rated current (In): 20, 25, 40, 63A
- Rated operational voltage (Ue): 230/400V
- Control voltage (Uc): 24/48/110/230VAC
- Number of module: 1M, 2M, 3M
- Rated frequency: 50/60Hz
- Utilization category: AC1, AC3, AC7a, AC7b, AC5b
- Electrical endurance: 150,000 cycles (AC1, AC7a); 150,000 cycles (AC3, AC7b)
- Mechanical endurance: 1,000,000 cycles
- Rated insulation voltage (Ui): 500VAC
- Rated impulse withstand voltage (Uimp): 4KV
- Terminals: Pillar type
- Cable termination: 16/25mm²
- Torque of screw: 1.2/2Nm
- IP degree: IP20
- Standards: IEC/EN 61095, IEC/EN 60947-4-1

Dimensions (mm)



Catalog No.

CTN Size:46.5* 24* 17.5cm



Model	Description	QTY/Box	QTY/CTN
SGC1-20-24/20	20A 24V 2NO	12	120
SGC1-20-48/20	20A 48V 2NO	12	120
SGC1-20-110/20	20A 110V 2NO	12	120
SGC1-20-230/20	20A 230V 2NO	12	120
SGC1-20-24/02	20A 24V 2NC	12	120
SGC1-20-48/02	20A 48V 2NC	12	120
SGC1-20-110/02	20A 110V 2NC	12	120
SGC1-20-230/02	20A 230V 2NC	12	120
SGC1-20-24/11	20A 24V 1NO+1NC	12	120
SGC1-20-48/11	20A 48V 1NO+1NC	12	120
SGC1-20-110/11	20A 110V 1NO+1NC	12	120
SGC1-20-230/11	20A 230V 1NO+1NC	12	120



Model	Description	QTY/Box	QTY/CTN
SGC1-25-24/40	25A 24V 4NO	6	60
SGC1-25-48/40	25A 48V 4NO	6	60
SGC1-25-110/40	25A 110V 4NO	6	60
SGC1-25-230/40	25A 230V 4NO	6	60
SGC1-25-24/04	25A 24V 4NC	6	60
SGC1-25-48/04	25A 48V 4NC	6	60
SGC1-25-110/04	25A 110V 4NC	6	60
SGC1-25-230/04	25A 230V 4NC	6	60
SGC1-25-24/22	25A 24V 2NO+2NC	6	60
SGC1-25-48/22	25A 48V 2NO+2NC	6	60
SGC1-25-110/22	25A 110V 2NO+2NC	6	60
SGC1-25-230/22	25A 230V 2NO+2NC	6	60
SGC1-25-24/31	25A 24V 3NO+1NC	6	60
SGC1-25-48/31	25A 48V 3NO+1NC	6	60
SGC1-25-110/31	25A 110V 3NO+1NC	6	60
SGC1-25-230/31	25A 230V 3NO+1NC	6	60



Model	Description	QTY/Box	QTY/CTN
SGC1-63-24/40	63A 24V 4NO	4	40
SGC1-63-48/40	63A 48V 4NO	4	40
SGC1-63-110/40	63A 110V 4NO	4	40
SGC1-63-230/40	63A 230V 4NO	4	40
SGC1-63-24/04	63A 24V 4NC	4	40
SGC1-63-48/04	63A 48V 4NC	4	40
SGC1-63-110/04	63A 110V 4NC	4	40
SGC1-63-230/04	63A 230V 4NC	4	40
SGC1-63-24/22	63A 24V 2NO+2NC	4	40
SGC1-63-48/22	63A 48V 2NO+2NC	4	40
SGC1-63-110/22	63A 110V 2NO+2NC	4	40
SGC1-63-230/22	63A 230V 2NO+2NC	4	40
SGC1-63-24/31	63A 24V 3NO+1NC	4	40
SGC1-63-48/31	63A 48V 3NO+1NC	4	40
SGC1-63-110/31	63A 110V 3NO+1NC	4	40
SGC1-63-230/31	63A 230V 3NO+1NC	4	40