

Mini AC Contactor

AC contactors connect and disconnect circuits, frequently controlling motors and other equipment. They control large current with small current and provide overload protection when used with a thermal relay.



ADDITIONAL IMAGES



Overview



Terminal layout and auxiliary contact identification for easy wiring.

Compact Power Control

This mini AC contactor is designed for reliable switching and control of motors and electrical equipment. It features a compact footprint suitable for space-constrained industrial and commercial installations. Engineered for durability, it supports high-frequency operations and includes overload protection capabilities when paired with thermal relays.

Electrical Ratings

AC3 Power Ratings

1.5 kW 220V	2.2 kW 380V	3 kW 660V
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Rated Operational Current (I _{th})	20 A
Rated Insulation Voltage (U _i)	690 V
Rated Impulse Withstand Voltage (U _{imp})	6 kV

Performance

Coil Voltage Tolerance

Parameter	Range
Pick-up Voltage	85%-110% U _c
Pick-out Voltage	20%-75% U _c

Utilization Categories AC-3, AC-4

Rated Frequency 50/60Hz

Environmental and Standards

Certifications

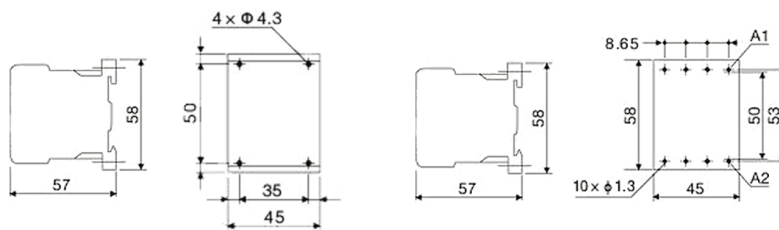
CE • IEC 60947-4-1

Protection Degree IP20

Operating Temperature -5°C to +40°C

Max Operating Altitude 2000 m

Dimensions and Mounting



SGC1-K/EC

Detailed footprint and mounting hole dimensions for panel installation.

Dimensions

- Height: 58mm
- Width: 45mm