SL-CP17
Mini Contactor

Production description

- SL-CP17 series mini contactor mainly apply to the condition of 50Hz (or 60Hz) , 400V or less rated operation voltage, 63A or less rated current under AC-7a application, or, 32A or less rated current under AC-7b application, 6kA or less rated breaking current, which is to control the household appliances, low or micro inductive reactance load, or household motor load as well.
- This product applies to house, hotel apartment, office building shopping mall, etc to realize the auto control function.
- Its main performance indices comply with IEC 61095.

Features

Modular installation, smart design and compact structure.

Standard din-rail insallation, standard modular dimensions, suitable to distributio box installation together with MCBs.

Higher safe protection with fire resistant material.

Safe application with function indication hole.

Noise free, better application for hotel and hospital.

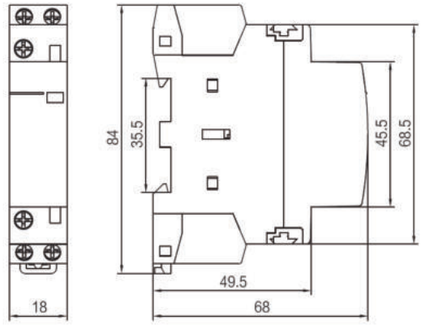
Normal Working Environment and Installation Conditions

- Ambient air temperature: -5℃～+40℃, average temperature less than +35℃ within 24 hours.
- Altitude: less than 2000 meters
- Air conditions: the air relative humidity of the installation place is less than fifty percent at the maximum temperature +40℃; a high relative humidity is allowed at the low temperature, such as 90% humidity at +20℃, special measures should be taken when coagulating frost happened occasionally because of temperature change.
- Transportation and storage temperature: -25℃～+55℃, it can approach to +70℃ in a short time (within 24 hours).
- Pollution class: 2
- Installation type: Ⅱ
- No obvious punching or vibration at the installation place
- Installation mode： adopt TH35-7.5 type DIN rail
- Products should be installed vertically, the gradient is less than ±5°between the installation surface and the vertical surface.
- Operation condition: when the ambient air temperature is within -5℃～+40℃, add rated control supply voltage Us to the contactor coil, making it fever to a stable state, and the contactor will connect when it is in 85%～110% of the rated control supply voltage, disconnect in 20%～75% of the rated control supply voltage.
- Mechanical life: the mechanical life of a contactor is no less than 1 million times.
- Electrical life： the electrical life of contactor is no less than 10 thousand times.

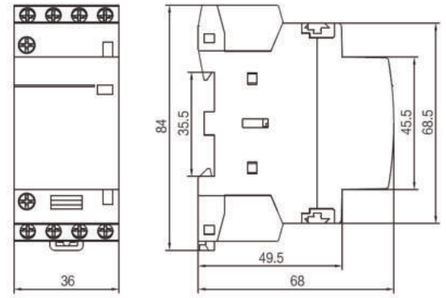
Main Technical Parameters

Design code	Poles	Contact quantity	Usage type	Rated insulation voltage	Rated working voltage	Control voltage	Rated working current	Control power
SL-CP17-16	1P，2P	10,01,11,20	AC-7a	500V	250V	220/240V AC 50Hz	16/6	2.8/1
SL-CP17-20							20/7	4/1.2
SL-CP17 -25							25/8.5	5.4/1.5
SL-CP17 -16	3P，4P	30,03,22,31,40 13,04			400V		16/6	2.8/1
SL-CP17 -20							20/7	4/1.2
SL-CP17 -25							25/8.5	5.4/1.5
SL-CP17 -32	1P，2P	10,01,11,20,02			250V		32/12	6.5/1.9
SL-CP17 -40							40/15	8.4/2.4
SL-CP17 -63							63/25	13/3.8
SL-CP17 -32	3P，4P	30,03,22,31,40 13,04			400V		32/12	6.5/1.9
SL-CP17 -40							40/15	8.4/2.4
SL-CP17 -63							63/25	13/3.8

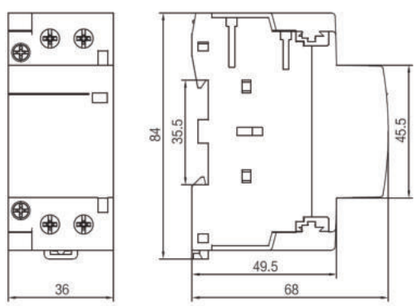
Outline and Installation Dimension



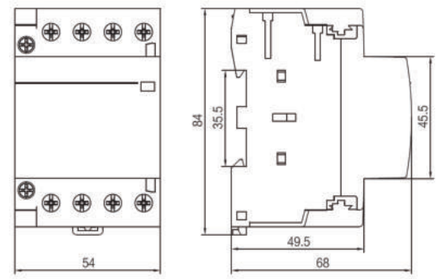
SL-CP17-16,20,25,1P/2P



SL-CP17-16,20,25,3P/4P



SL-CP17-32,40,63,1P/2P



SL-CP17-32,40,63,3P/4P