NewTrend MC7-U UL Recognized Modular Contactor, 25/63A, 2P/4P

MC7-U modular contactors provide AC/DC-coil switching for building lighting, heating and other low-inductance loads. This page covers the 25A and 63A all-NO versions in two- and four-pole arrangements.

Configuration selection

Model: MC7-U; Rated current: 25A, 63A; Poles: 2P, 4P; Coil voltage: AC/DC 230V

Technical selection summary

Selectable versions	25A or 63A AC-1; 2NO or 4NO; AC/DC 230V coil.
Motor-load ratings	25A frame: 9A AC-3; 63A frame: 25A AC-3.
Main-circuit voltage	2P: 250V AC; 4P: 500V AC, as shown in the corresponding technical table and labels.
Coil	AC/DC 230V selected here; AC operation 50/60Hz.
Mounting	35mm DIN rail.
Protection	IP20 device; IP40 when installed in a suitable distribution enclosure.
Ambient temperature	Operating -5 to +60 C; storage -40 to +70 C.
Installation spacing	At least 9mm spacing/spacers between adjacent devices as required by the installation illustration.
Recognition traceability	UL Recognized Component, file E539285, category NRNT2; factory family BMC7.
Model-reference note	MC7-U is the website sales reference obtained by removing the first model letter; the original certification family is BMC7. Recognition applies to the original approved component, not a newly certified renamed model.

Series reference image. The supplied rating, contact arrangement and coil voltage must match the selected configuration; motor loads require utilization-category selection rather than the resistive-current value. UL identification and the exact supplied factory version are confirmed with the quotation. UL Recognized Component is distinct from UL Listed equipment.

Specify your enquiry

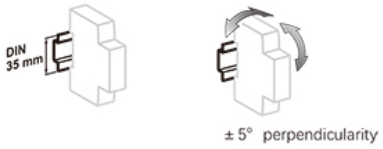
- Rated current and load type, including motor starting duty where relevant.
- Pole count, NO/NC contact arrangement and coil voltage with AC/DC designation.
- Quantity, installation conditions and any approval requirements.

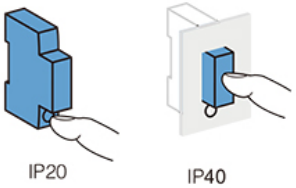
Prepared technical reference for the website product. Values are limited to the documented version; a quotation confirms the exact supplied configuration.

Product reference images and drawings

Parameter list		
Rated Voltage(Ue)	1P,2P	250V AC
	3P,4P	500V AC
Frequency(AC)		50/60Hz
Mechanical Life(O-C)		10,00000
Electrical Life		50,000
Daily Operating Cycles(Max)		100
Rated Insulation Voltage(Ui)		250V(1/2P) / 500V(3P/4P) AC
Pollution Degree		2
Rated impulse withstand voltage(Uimp)		4kV(1/2P) 6kV(3/4P)
Class of protection (IEC 60529)	Contactor body	IP20
	IDistribution box	IP40
Operating temperature		-5℃~+60℃
Storage temperature		-40℃~+70℃
Humidity and Heat Resistance(IEC 60068.1) Class 2 (temperature 55℃, relative humidity 93%RH)		
ELSV(Ultra Low Safety Voltage) is compatible with the 12/24VAC/DC version		
Product controls comply with SELV(Safe Ultra-Low Voltage) requirements		

Installed on 35mm standard guide rails

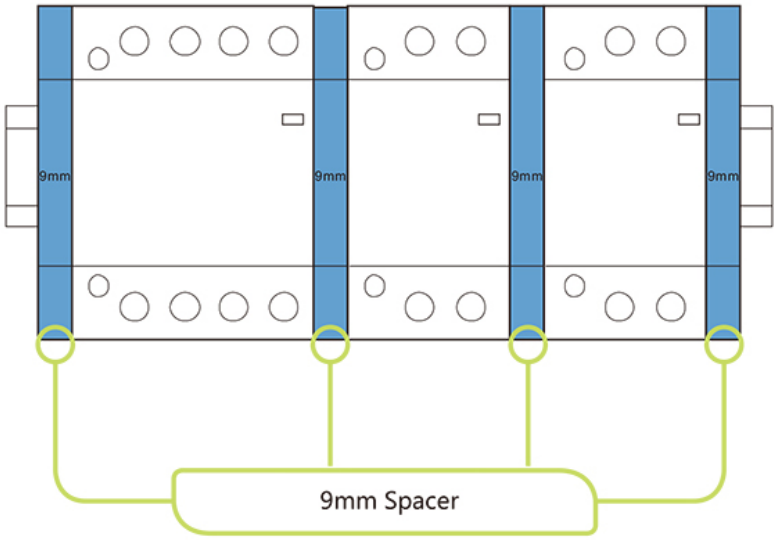




(1)When contactors are installed close to each other or between contactors and circuit breakers, the following measures need to be taken to ensure heat dissipation and electrical safety:



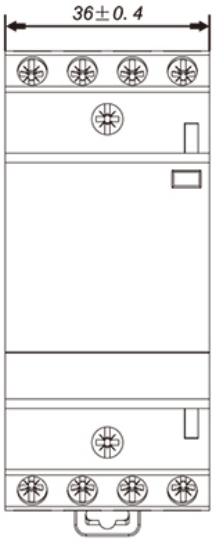
9mm Spacer



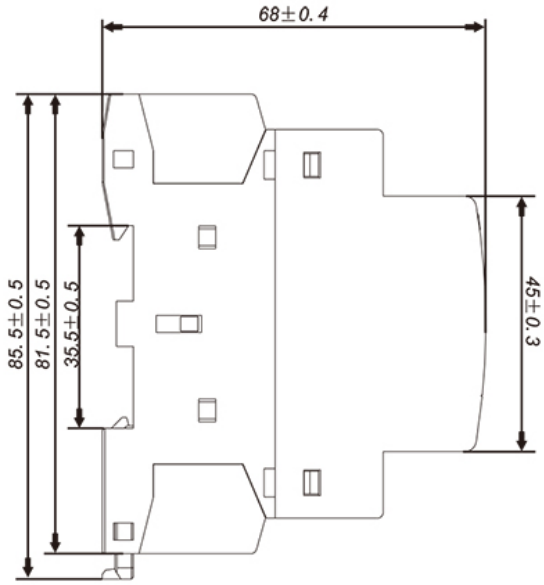
Install spacers or reserve gaps: Install spacers or reserve gaps of at least 9mm to facilitate heat dissipation

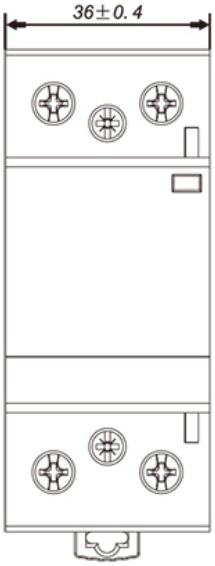


1P/2P

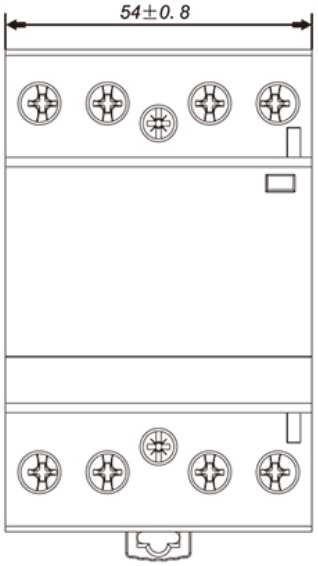


3P/4P





1P/2P



3P/4P

