



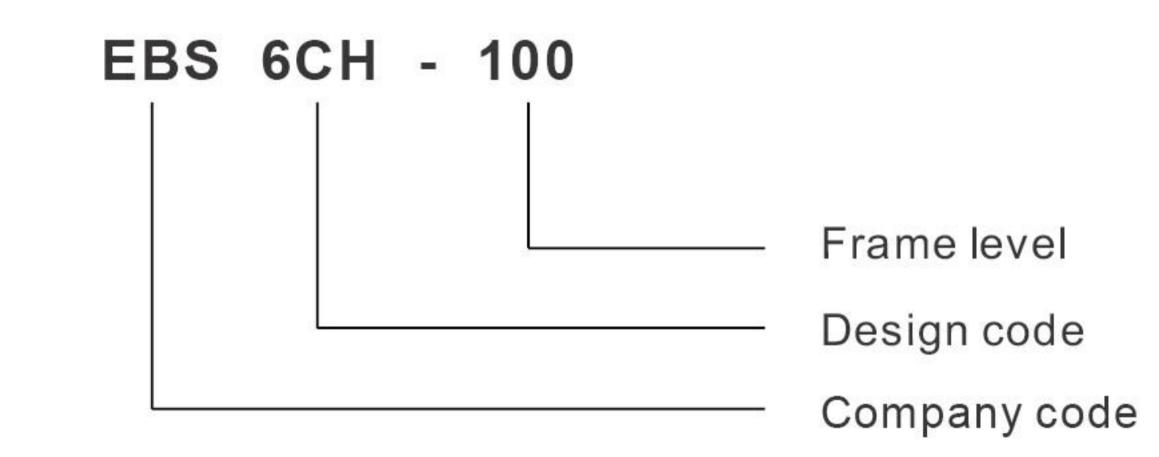
1.Function

EBS6CH series mini contactor mainly apply to the condition of 50Hz (or 60Hz), 400V or less rated operation voltage, 100A 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.

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Its main performance indices comply with IEC 61095. The product provides 2/4 poles.

2.Nomenclature



3. Specifications

Design code	Width (multiples of 9mm)	Contact quantity	Usage type	Rated insulation voltage	Rated working voltage	Control voltage	Rated working current	Control power
EBS6CH-16							16/6	2.8/1
EBS6CH-20	2	10, 01, 11, 20, 02		500V	250V	220/240V AC 50/60Hz	20/7	4/1.2
EBS6CH-25							25/8.5	5.4/1.5
EBS6CH-16		00 04 40 00 40			400V		16/6	2.8/1
EBS6CH-20	4	30, 21, 12, 03, 40 31, 22, 13, 04					20/7	4/1.2
EBS6CH-25		31, 22, 13, 04					25/8.5	5.4/1.5
EBS6CH-32					250V		32/12	6.5/1.9
EBS6CH-40	4	10, 01, 11, 20, 02					40/15	8.4/2.4
EBS6CH-63							63/25	13/3.8
EBS6CH-32		00 04 40 00 40			400V		32/12	6.5/1.9
EBS6CH-40	6	30, 21, 12, 03, 40 31, 22, 13, 04					40/15	8.4/2.4
EBS6CH-63		31, 22, 13, 04					63/25	13/3.8
EBS6CH-100	6	10, 01, 11, 20, 02			250V		100/40	13/3.8
EBS6CH-100	12	30, 21, 12, 03, 40 31, 22, 13, 04			400V		100/40	26/7.6



□ 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 less than 80db, better application for hotel and hospital.
□ Power loss on each branch: Less than 3W
□ Switching frequency: Over 100 times /day
□ Operation delay: 11-15 ms
□ Cover: V0 level fire-proof, chlorine and halogen free
□ Guarantee: 2 years

5. Normal Working Environment and Installation Conditions

□ Altitude: less than 2000 meters
□ Air conditions: the air relative humidity of the installation place is less than 50% at the maximum temperature +40°C; a high relative humidity is allowed at the low temperature, such as 90% humidity at +20°C, special measures should be taken when coagulating
frost happened occasionally because of temperature change.
☐ Transportation and storage temperature: -25°C~+55°C, it can approach to +70°C in a short time (within 24 hours).

□ Pollution class: 2	

☐ Ambient air temperature: -5°C~+40°C, average temperature less than +35°C within 24 hours.

☐ Installation type: II	
☐ No obvious punching or vibration at the installation place	9

- No obvious parterning of 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°C~+40°C, 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% \sim 110% of the rated control supply voltage, disconnect in 20%~75% of the rated control supply voltage.

Mechanical life: ≥ 1 million times.

□ Electrical life: ≥ 20 thousand times.

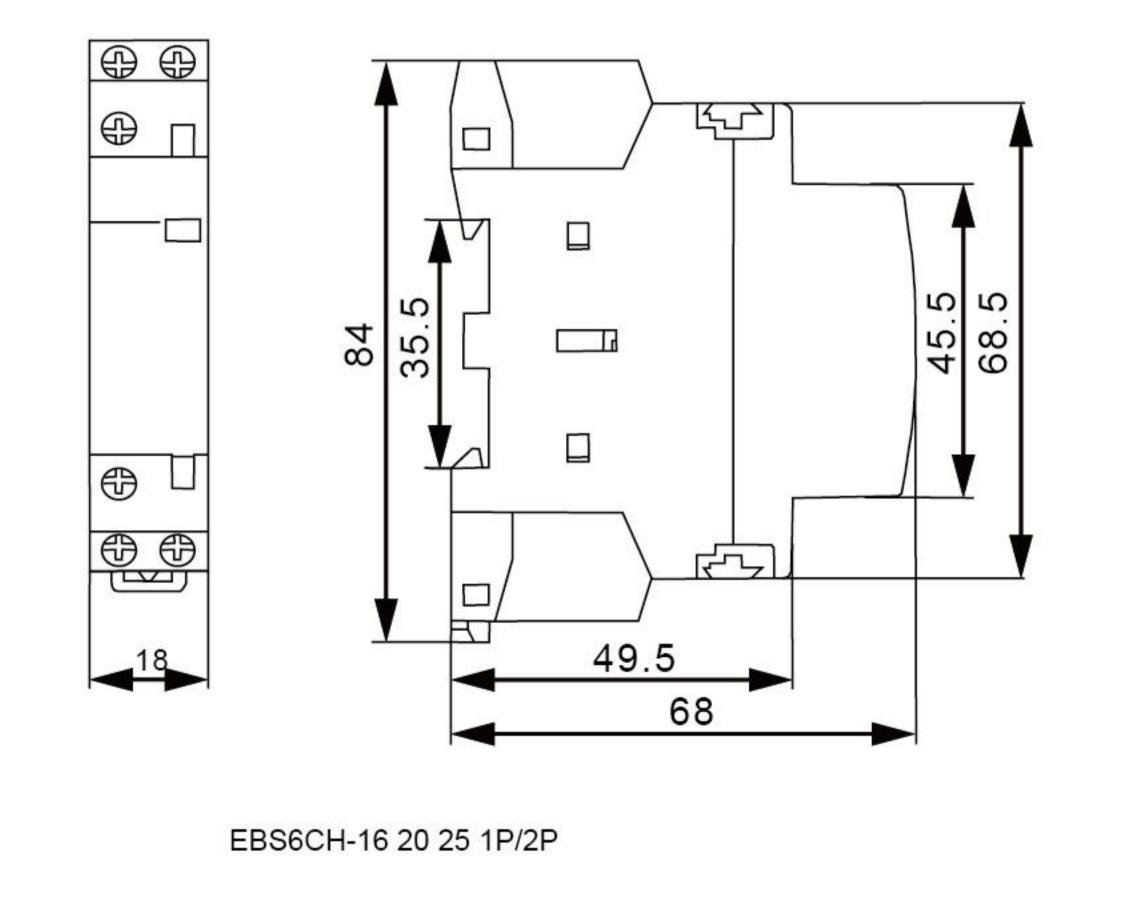
☐ Connection: 1,5-25mm²

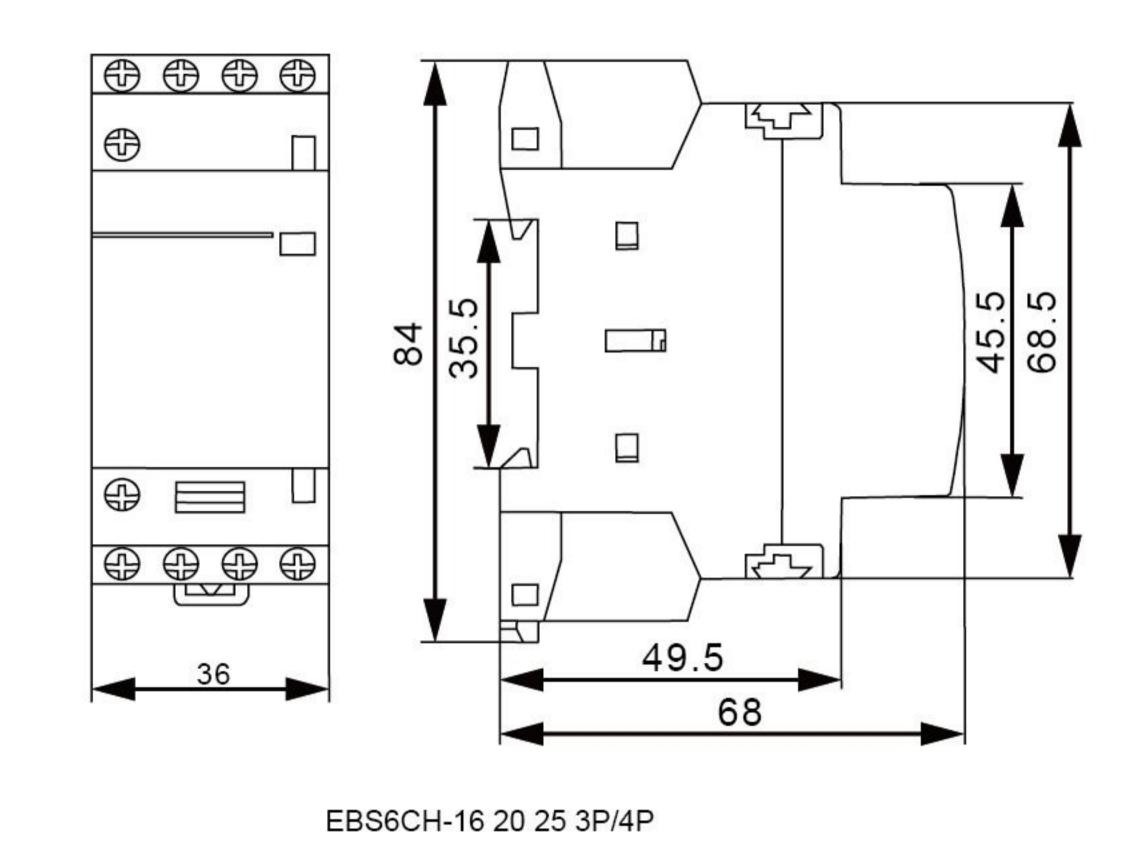
□ Torque: 0,8-1,2 N-m

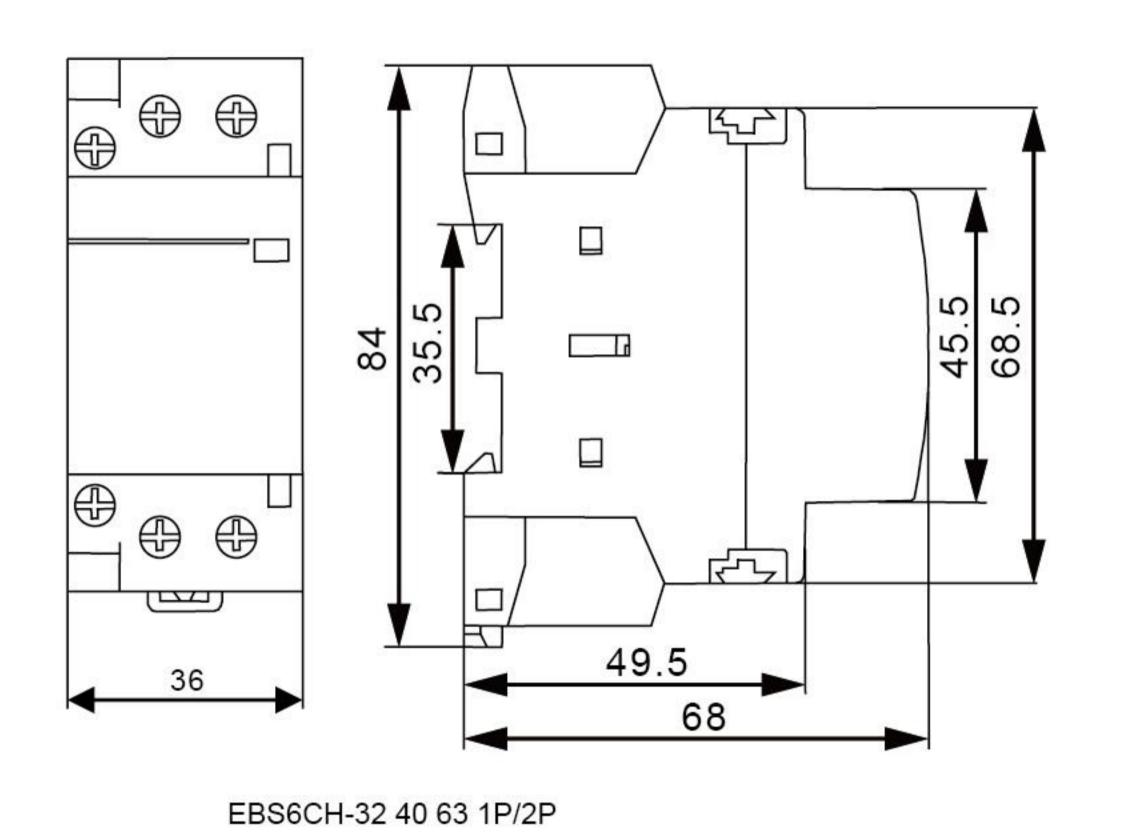
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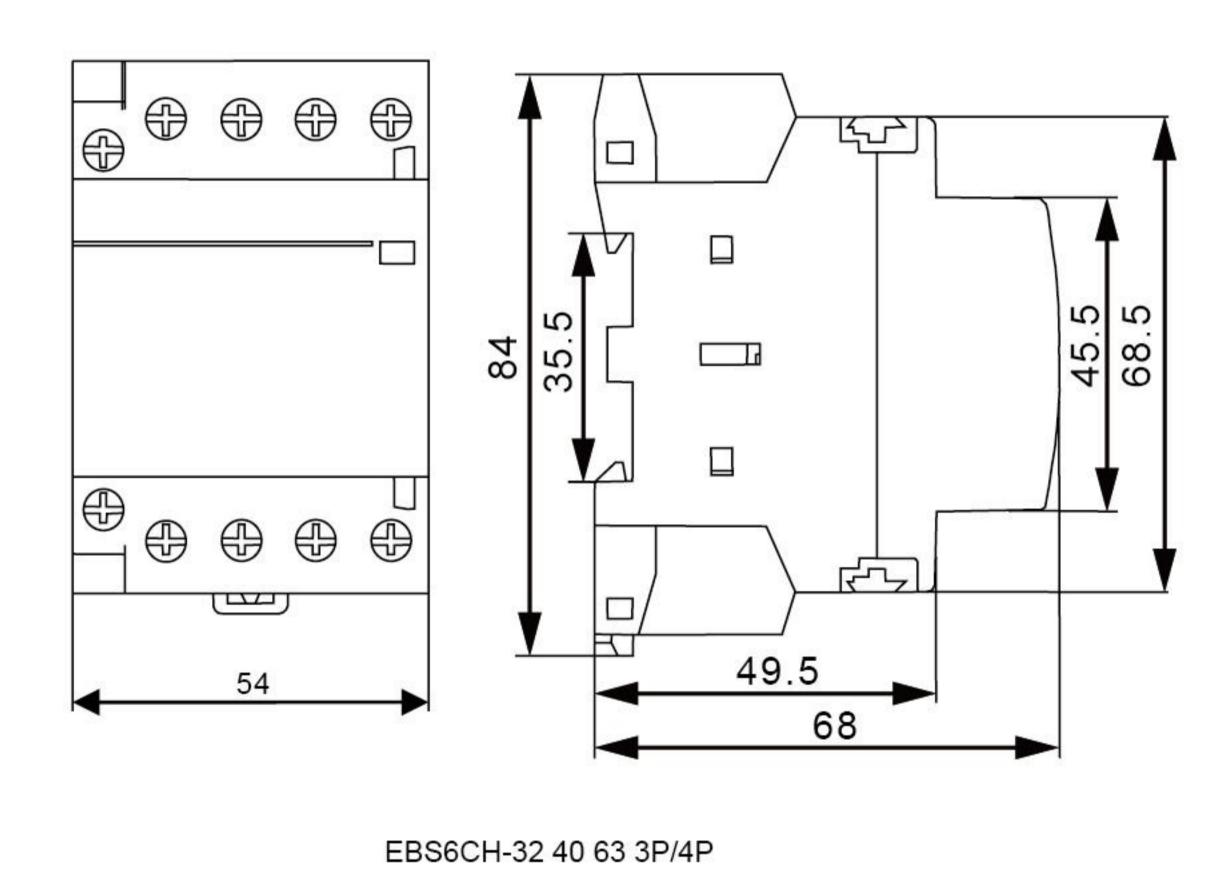


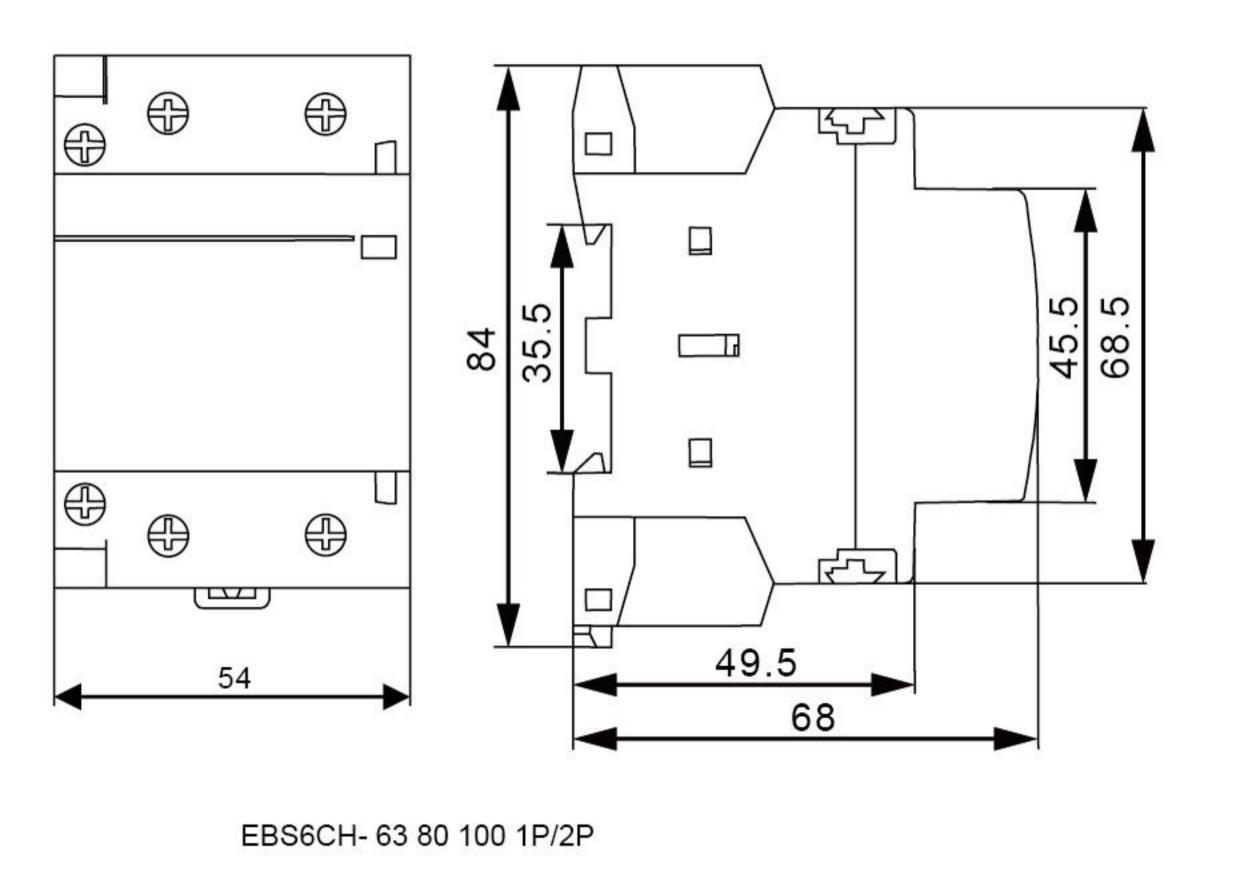
6.Dimensions

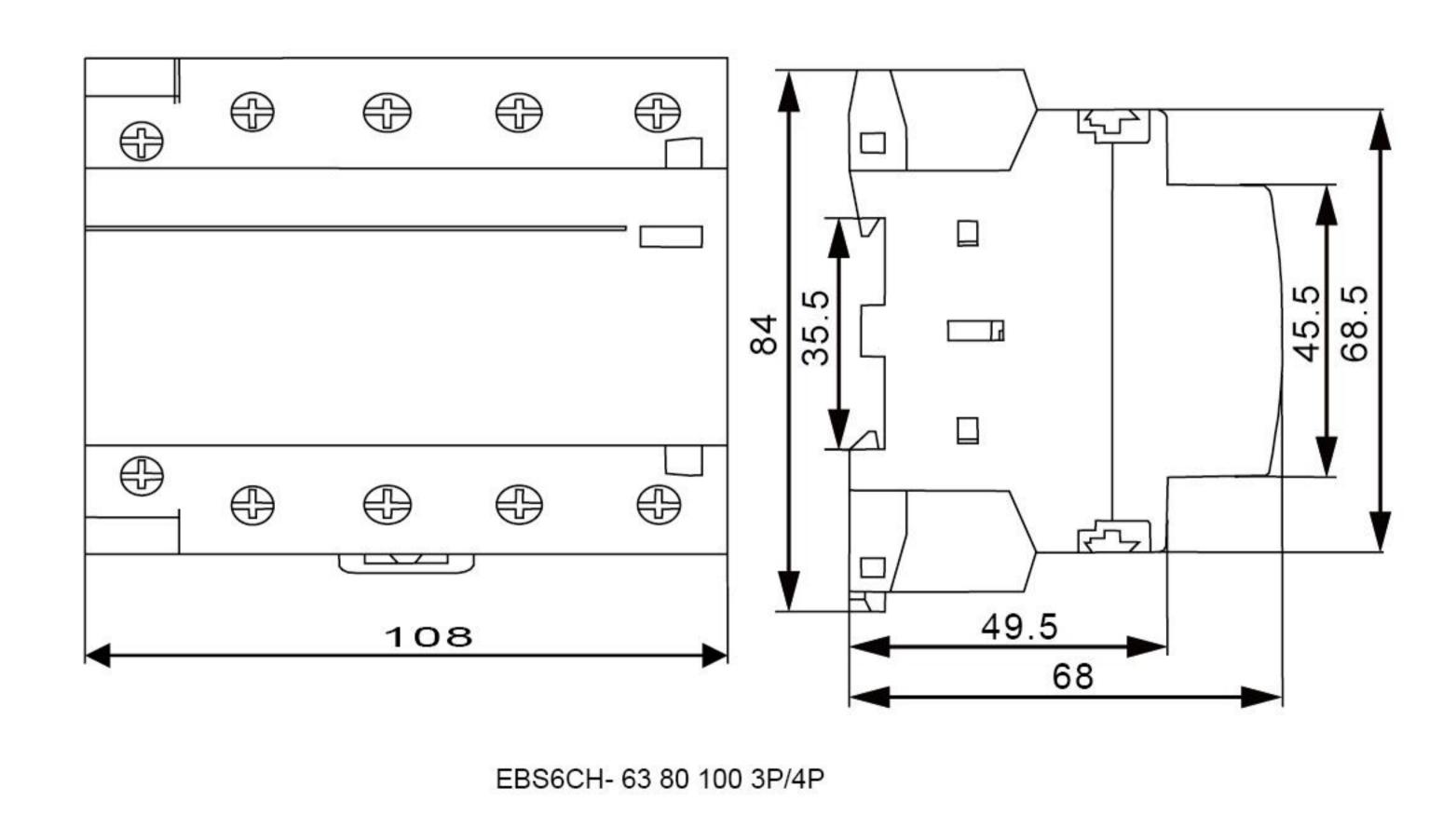












7. Order Note

Following items should be marked when ordering	Ordering sample		
Product name, model	To order the EBS6CH-63, rated current is 40A, main 4NO, coil: 230V,		
Rated current	50Hz, should be marked:		
Main Contact type	EBS6CH-63/40 230V 50Hz, 100PCS.		
Coil specification			

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