



Specifications and technical data are subject to change without notice.

Please contact to confirm relevant information on ordering.

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EBASEE
Smart Living Green Ebasee



MODULAR TERMINAL



COMPANY PROFILE

As a leading supplier in the low voltage electrics industry, Shanghai Ebasee Electric Co., Ltd. products have been used for residential, commercial and industrial applications with its quality and service. EBASEE brand is recognized for its quality and reliability in an ever-increasing number of markets worldwide. So far EBASEE products have been approved by international labs including BV, TUV, Intertek, with KEMA, CB, SEMKO, RoHS, CE, and CCC etc.

With qualified raw materials and components supply, all products are manufactured by EBASEE's defined international specifications. We have 4 semi-auto production lines, up-to-date quality control facilities, well-trained and experienced workers. Moreover, with a technical R & D team and fully equipped in-house laboratory, EBASEE factory can carry out efficient new products development, daily production and QC.

EBASEE have a wide range of cooperations with world leading companies in new products development, OEM and ODM cooperation. Meanwhile, we process the idea of green and smart energy, working with universities such as Xi'an Jiao Tong University to get more intelligent and environmental electric solutions.

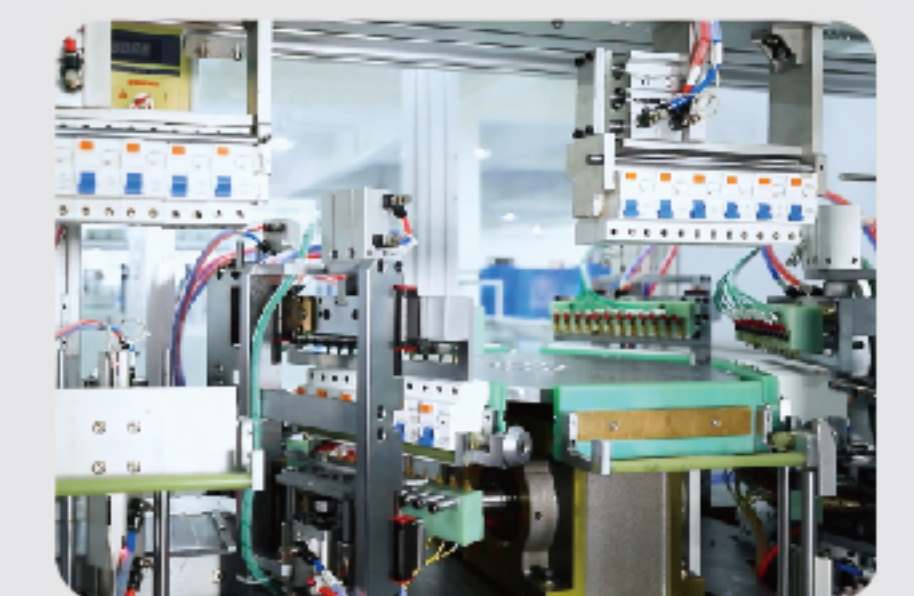
EBASEE focused on achieving growth through the success of worldwide partners. Guided by the philosophy of "market-oriented", powered by the idea of "Quick response and flexible supply", EBASEE support our worldwide partners to compete against established global players, to deliver the most systemetic and cost-effective products and service in the market.

"Smart life, Green EBASEE"



Quality is our culture!

PRODUCTION LINE

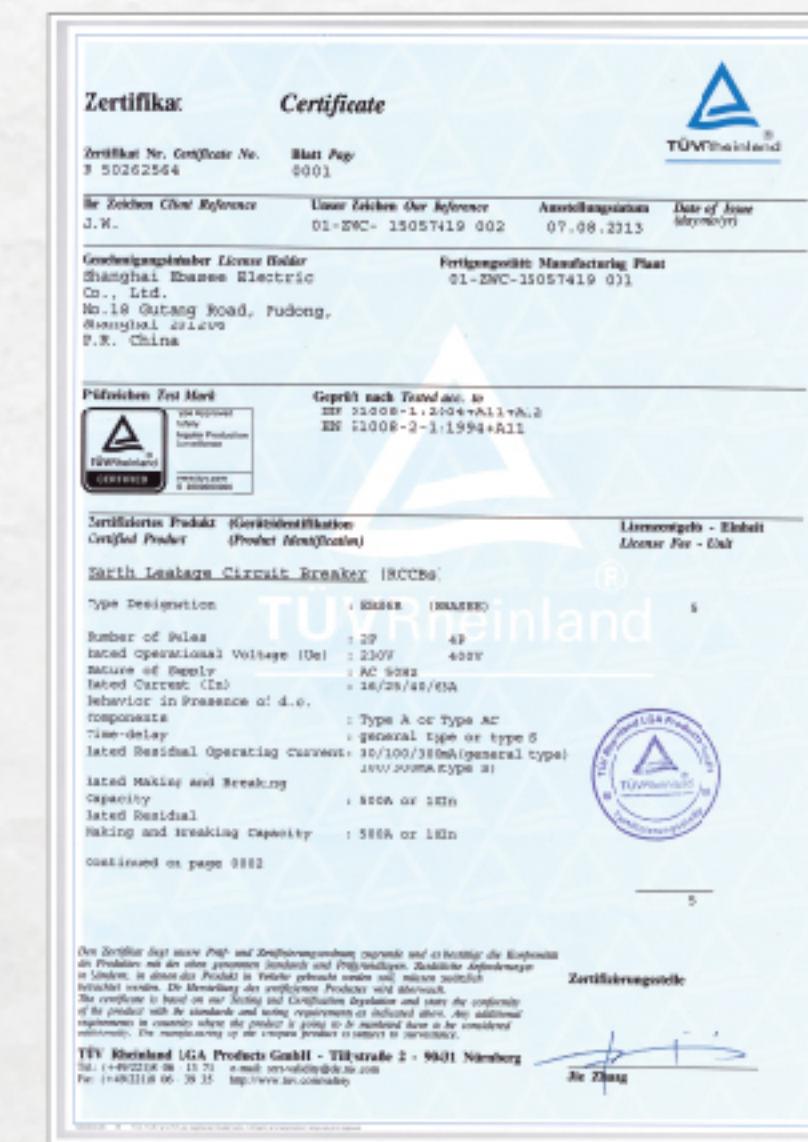
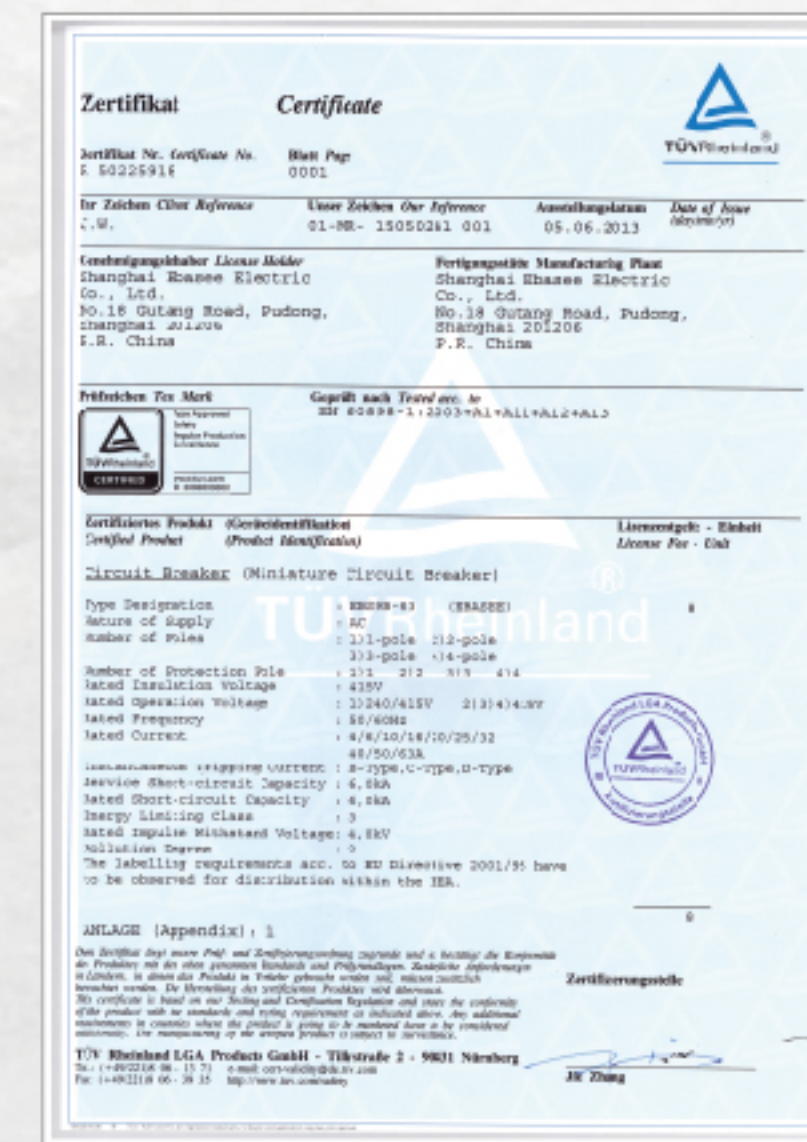
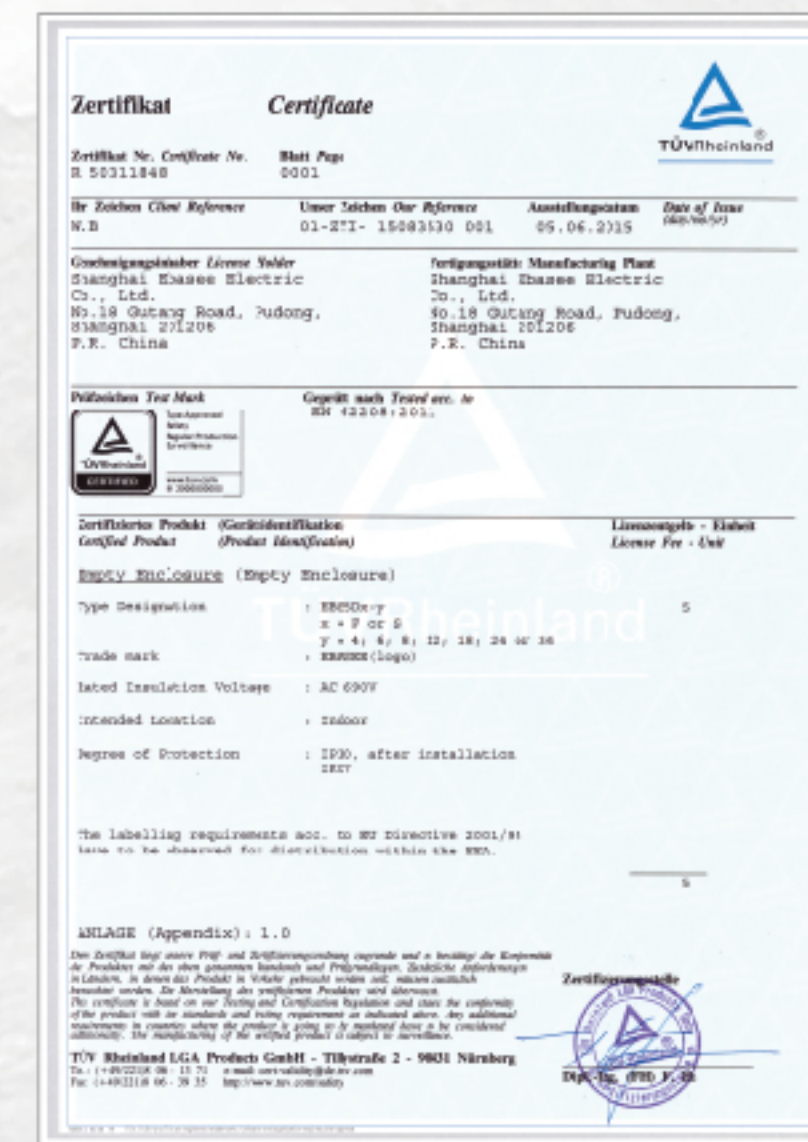
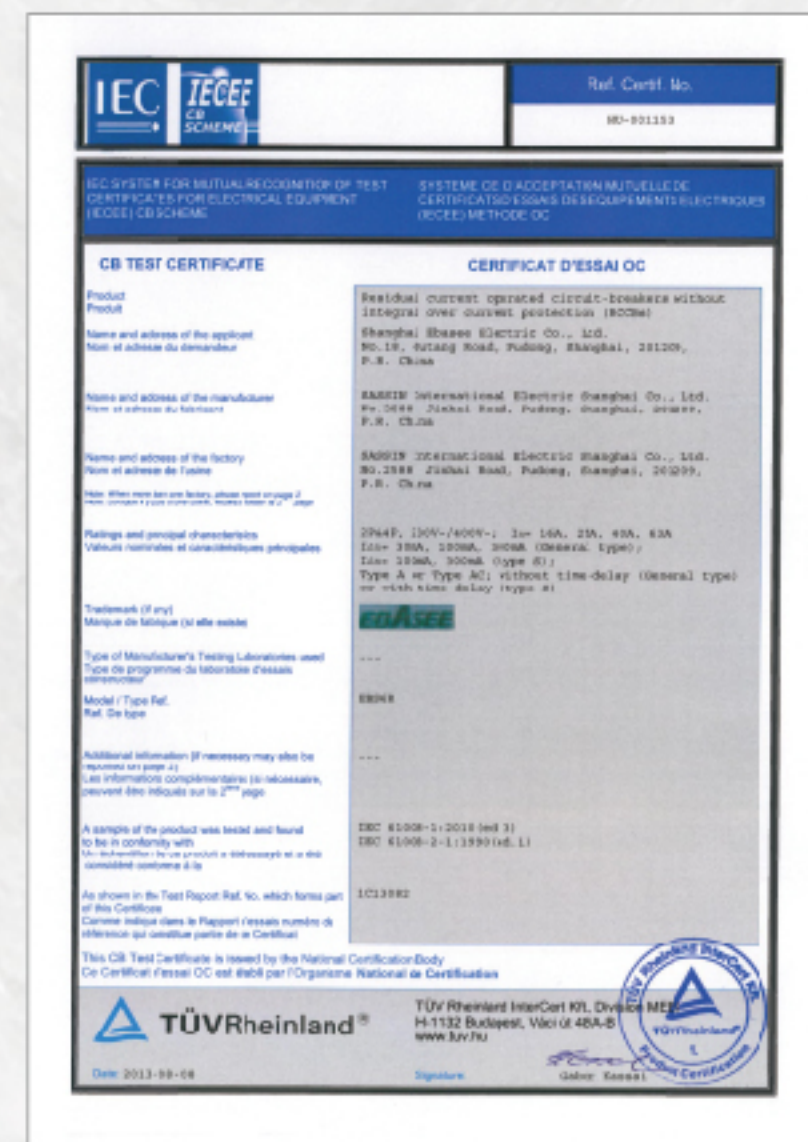
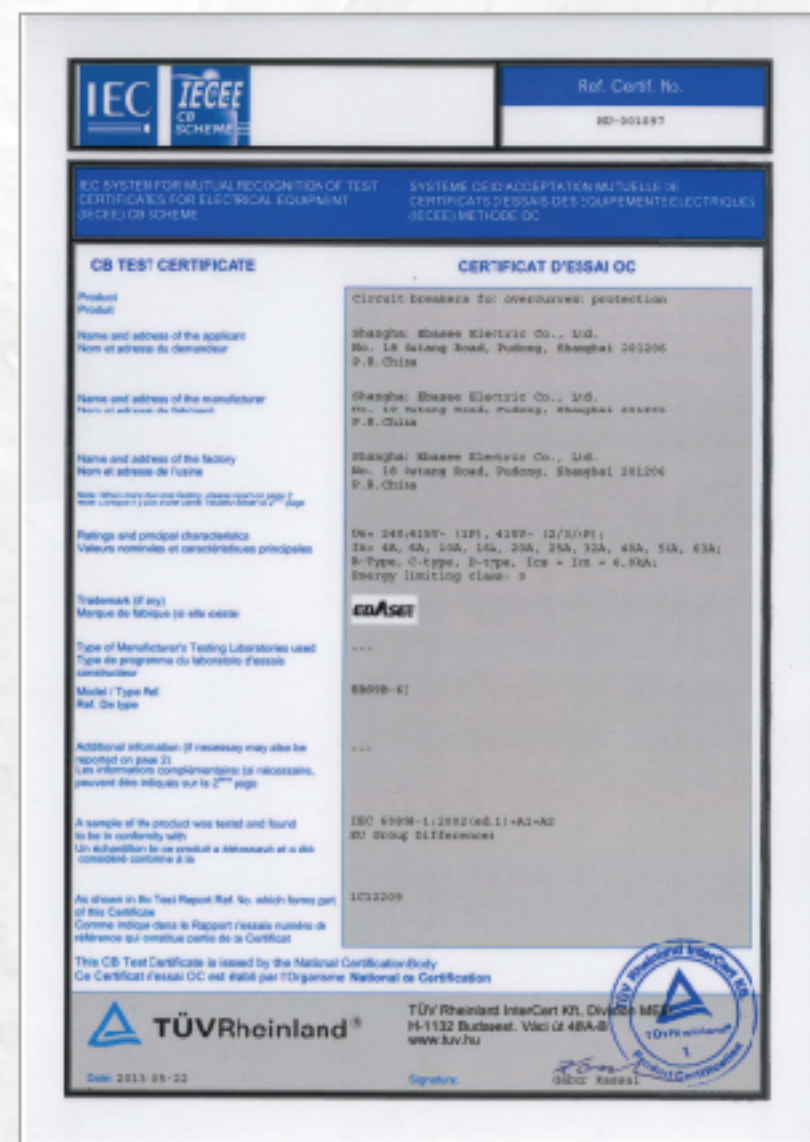
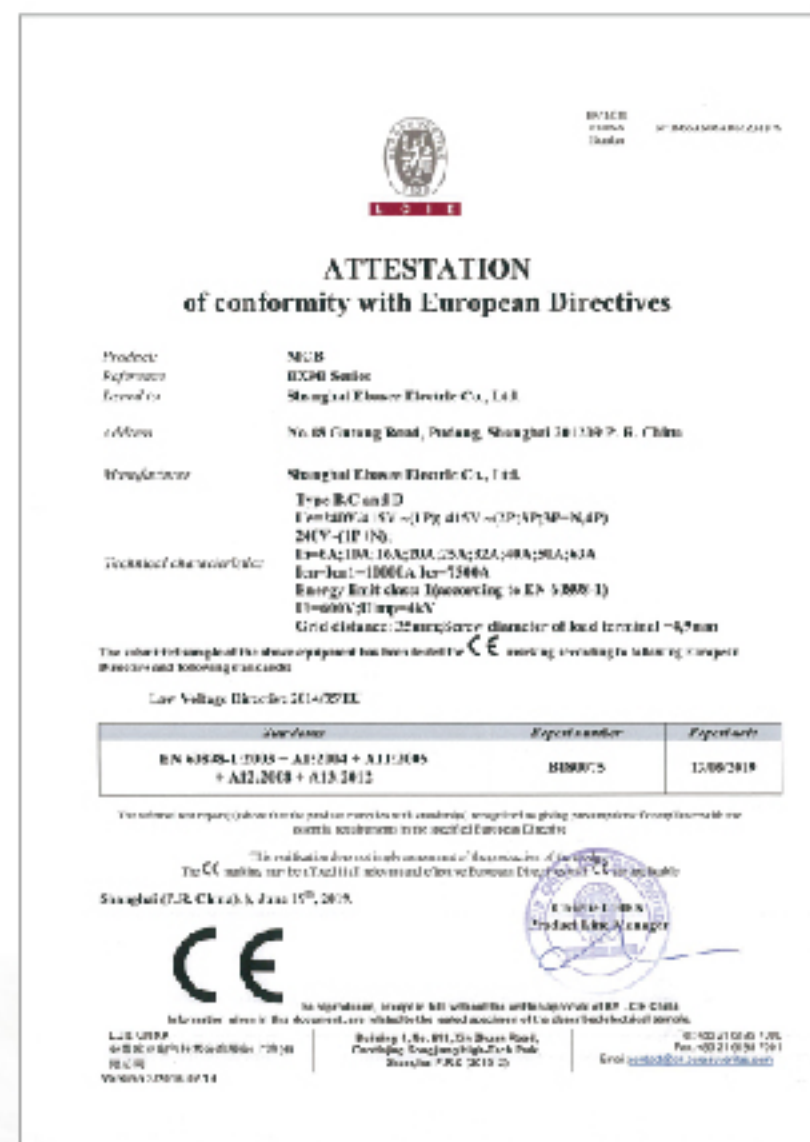


SMART LIVING GREEN EBASEE



INTERNATIONAL QUALITY CERTIFICATE

EBASEE products have been approved by international labs including BV, TUV, Intertek, with KEMA, CB, SEMKO, RoHS, CE, and CCC etc.



1.Function

EBS1CH 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.
Its main performance indices comply with IEC 61095.

2.Nomenclature

EBS 1CH - 63

Frame level
Design code
Company code



3.Specifications

Design code	Modules	Contact quantity	Usage type	Rated insulation voltage	Rated working voltage	Control voltage	Rated working current	Control power
EBS1CH-16	1M	10, 01, 11, 20	AC-7a	500V	250V	220/240V AC 50Hz	16/6	2.8/1
EBS1CH-20							20/7	4/1.2
EBS1CH-25							25/8.5	5.4/1.5
EBS1CH-16	2M	30, 03, 22, 31, 40 13, 04			400V		16/6	2.8/1
EBS1CH-20							20/7	4/1.2
EBS1CH-25							25/8.5	5.4/1.5
EBS1CH-32	2M	10, 01, 11, 20, 02			250V		32/12	6.5/1.9
EBS1CH-40							40/15	8.4/2.4
EBS1CH-63							63/25	13/3.8
EBS1CH-32	3M	30, 03, 22, 31, 40 13, 04			400V		32/12	6.5/1.9
EBS1CH-40							40/15	8.4/2.4
EBS1CH-63							63/25	13/3.8

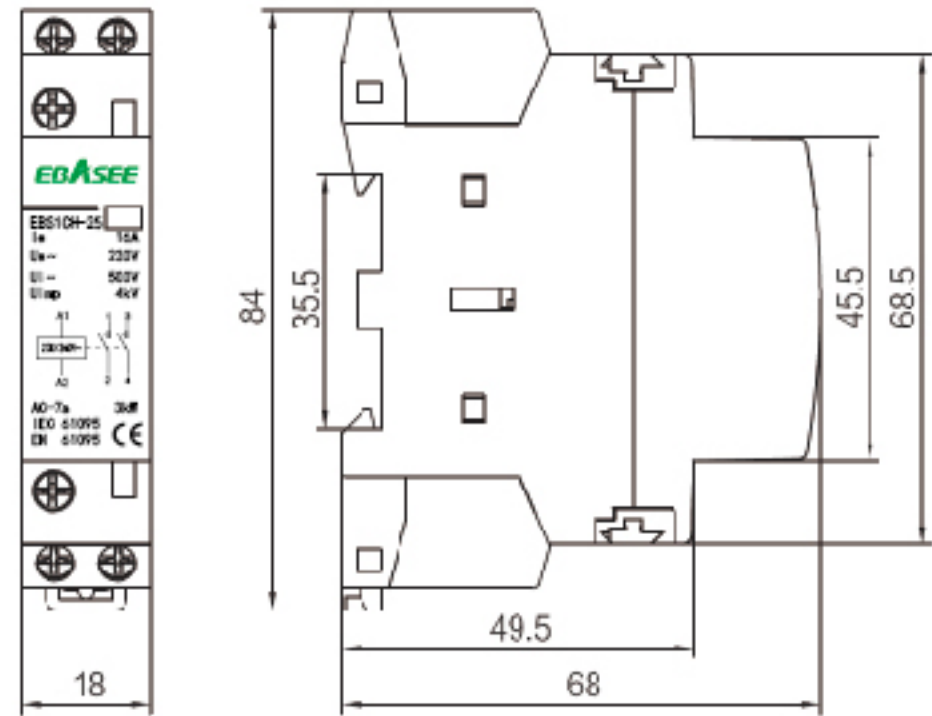
4.Features

- 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.

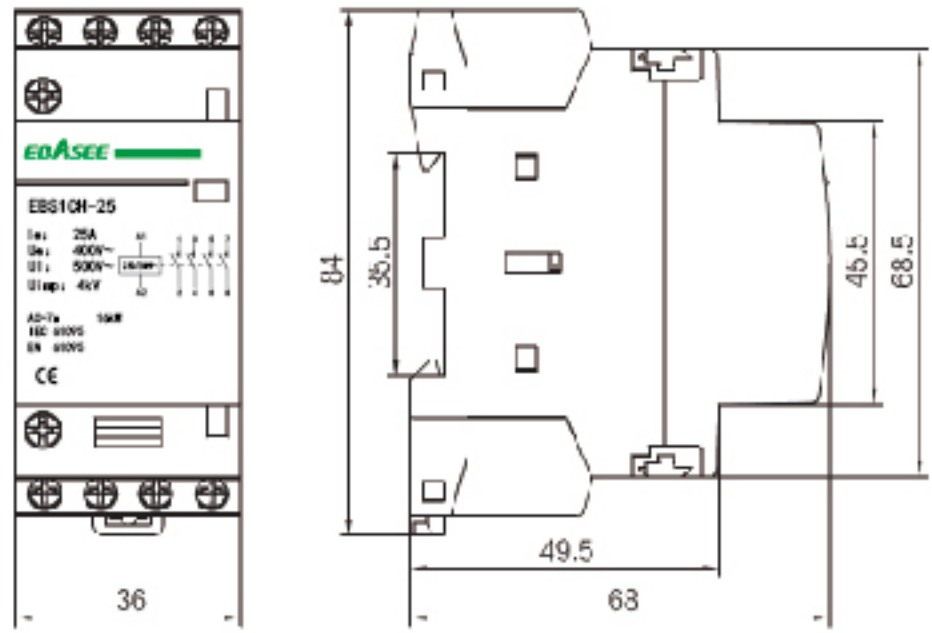
5.Normal Working Environment and Installation Conditions

- 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
- 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 U_s 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.

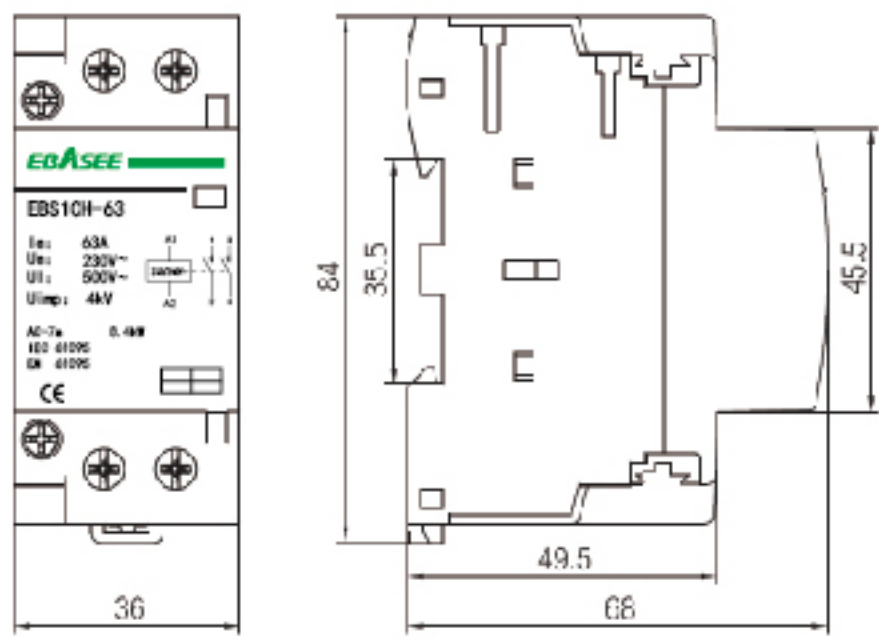
6.Dimensions



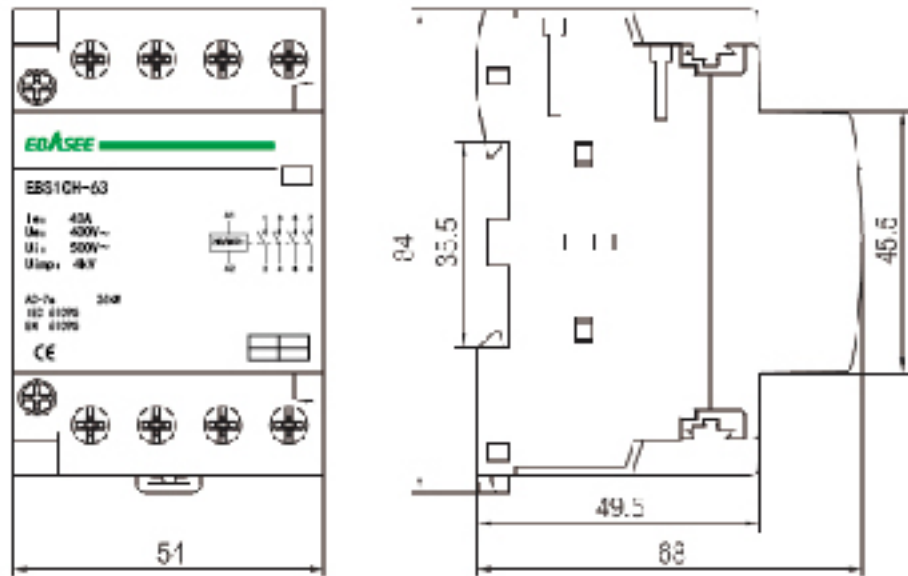
EBS1CH-16,20,25,1P/2P



EBS1CH-16,20,25,3P/4P



EBS1CH-32,40,63,1P/2P



EBS1CH-32,40,63,3P/4P

7.Order Note

Following items should be marked when ordering	Ordering sample
Product name, model	To order the EBS1CH ,rated current is 40A, Main 4
Rated current	NO,coil:230V,50HZ should be marked:
Main Contact type	EBS1CH-63/40P5.
Coil specification	