



Specifications and technical data are subject to change without notice.
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Ebasee
Smart Living Green Ebasee



CONTROL ELECTRIC



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.

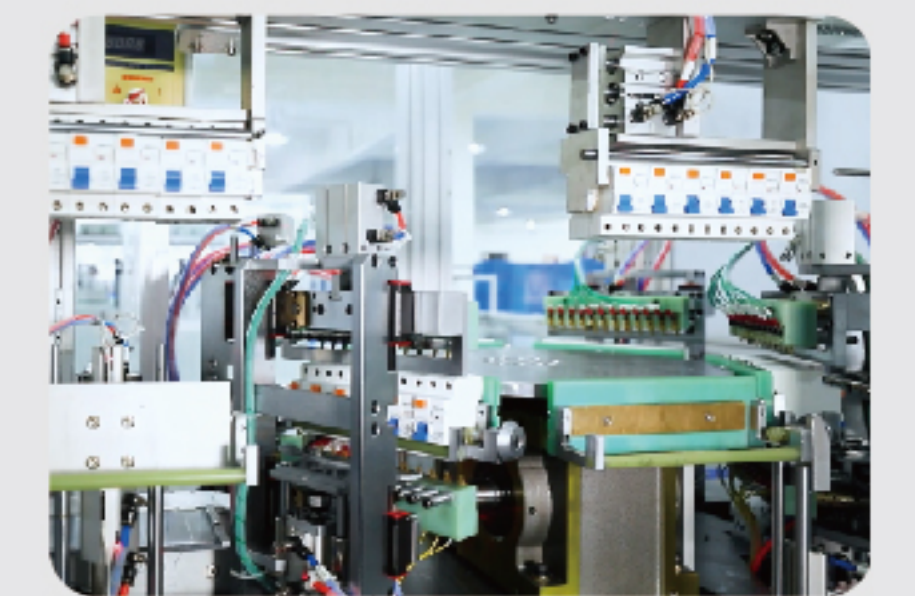
EBASEE focused on achieving growth through the success of worldwide partners. Guided by the philosophy of "market-oriented", powered by the idea of "Quick response and flexible supply", EBASEE support our worldwide partners to compete against established global players, to deliver the most systematic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

"Smart life, Green EBASEE"



Quality is our culture!

PRODUCTION LINE

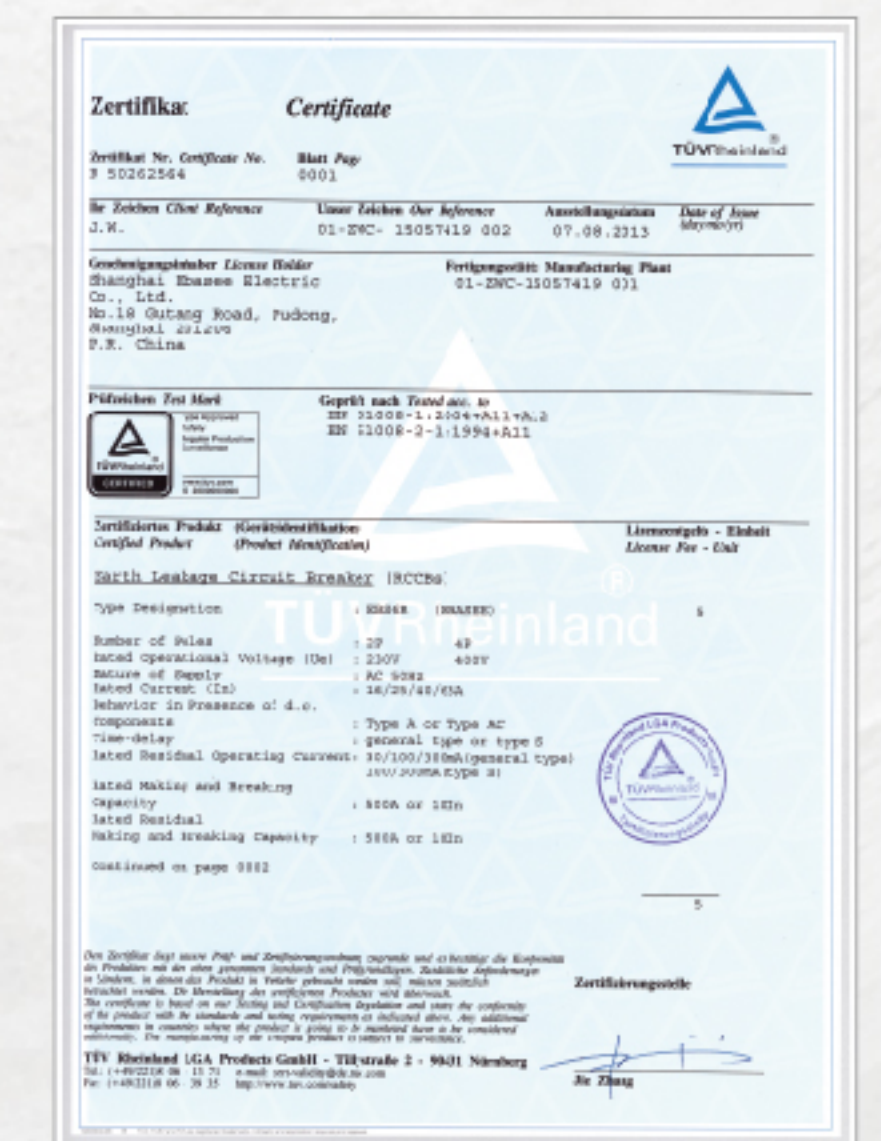
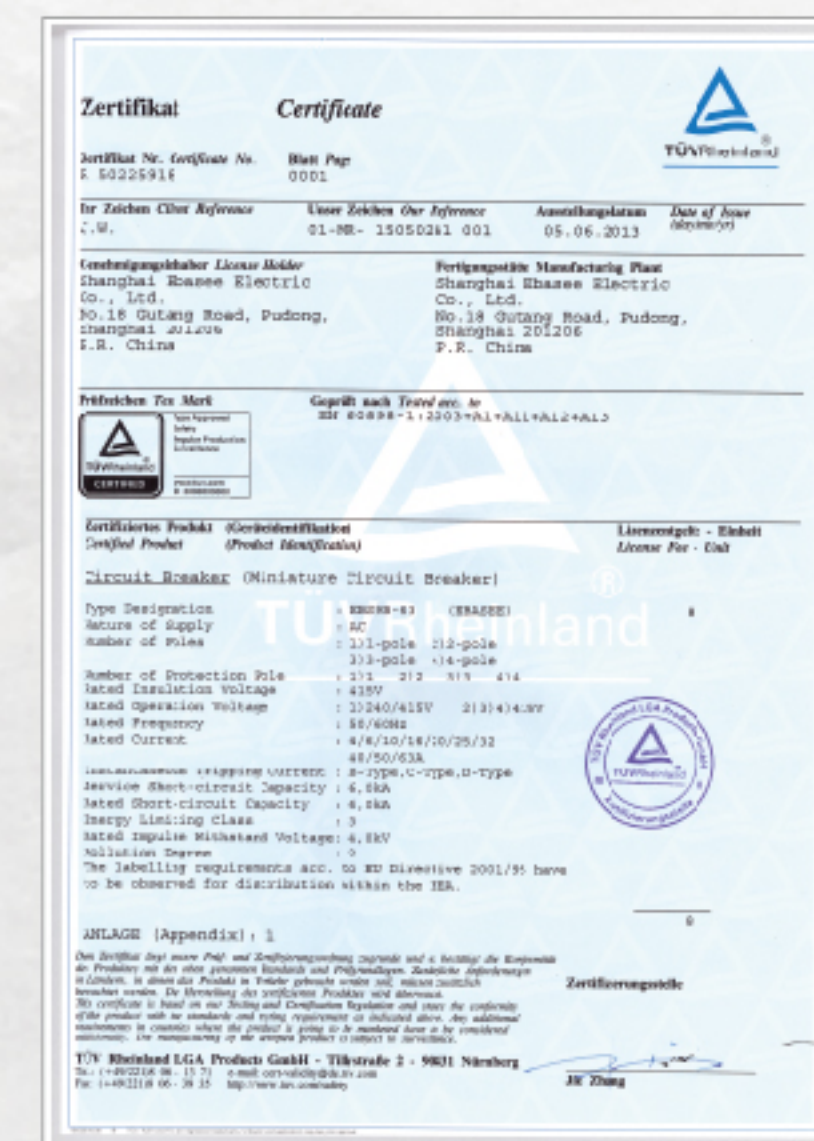
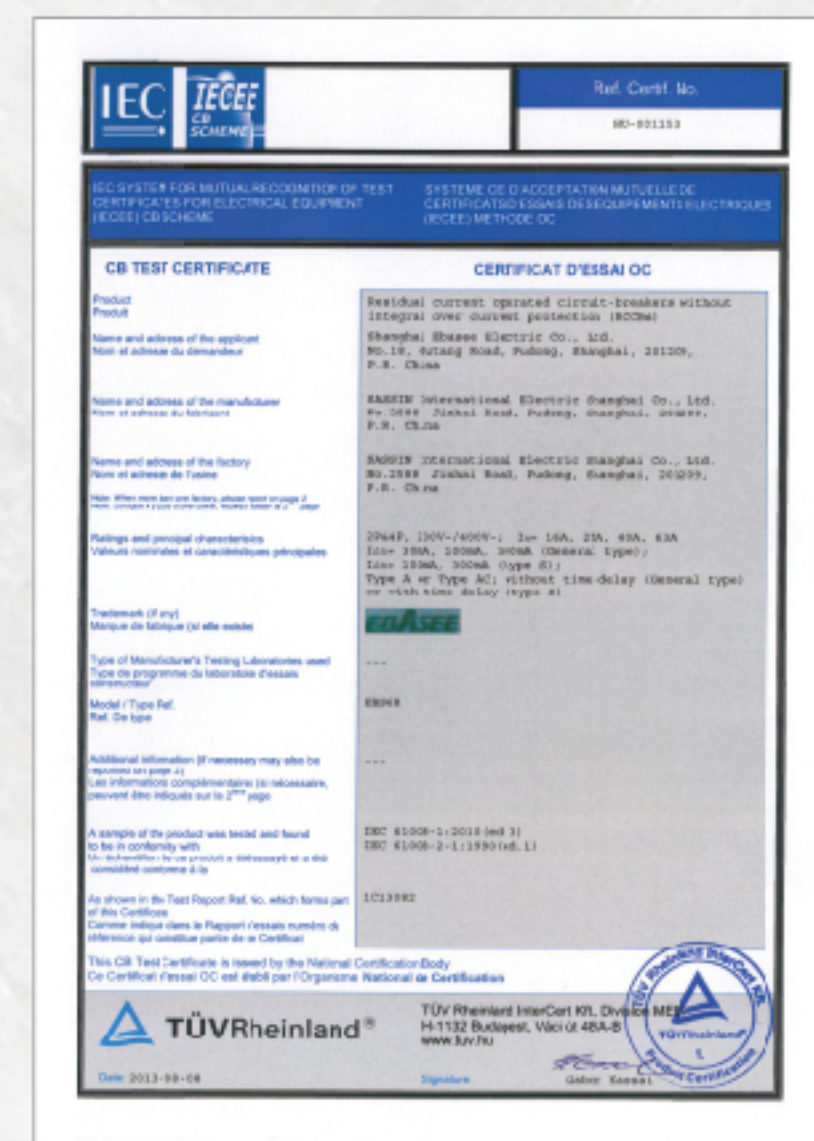
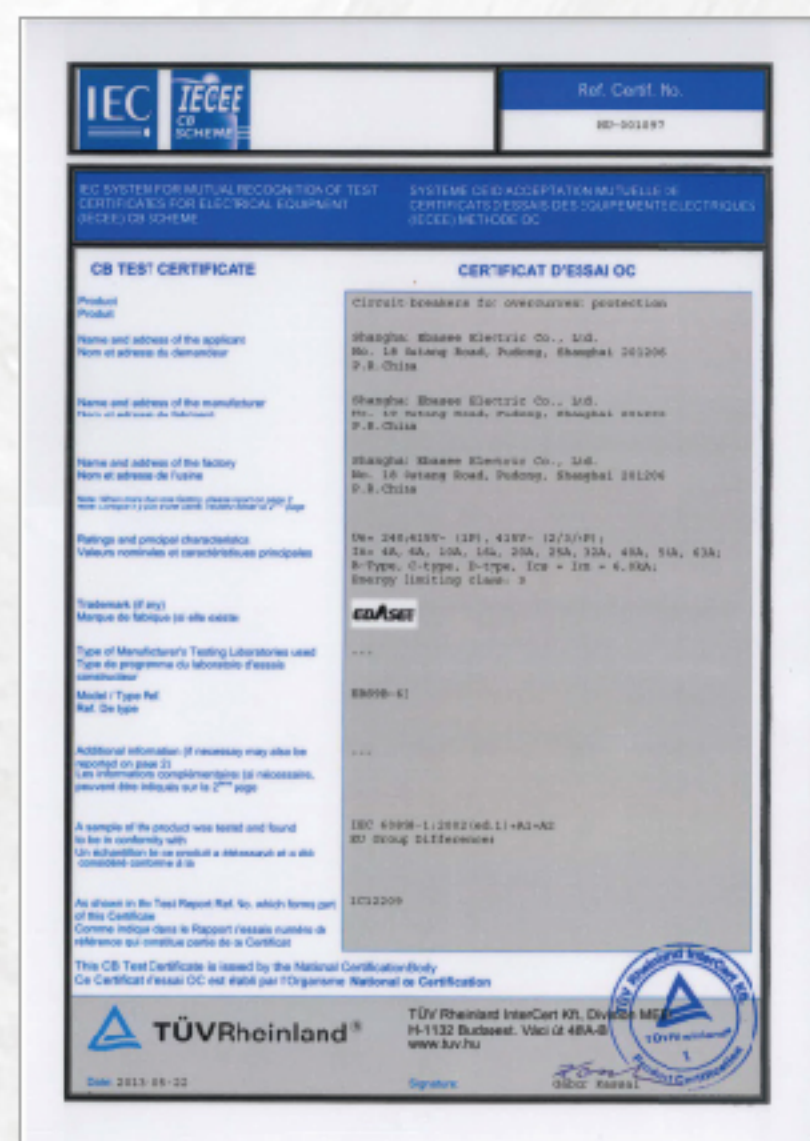
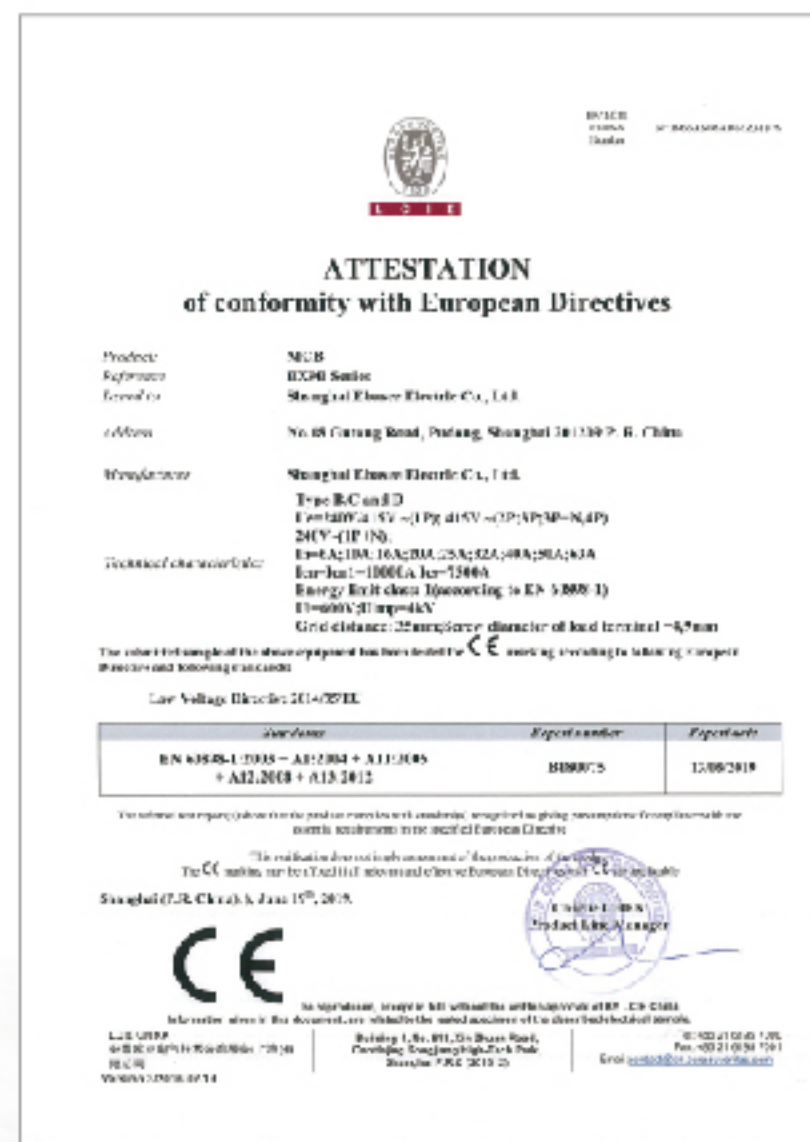


SMART LIVING GREEN EBASEE



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.Application

EBS-C3 series buttons are suitable for circuit control systems with AC 50/60Hz, voltage up to 380V and DC voltage up to 220V V. It is suitable for remote control of outdoor, rainy, snowy and dusty environments, such as cranes, electric hoists and other equipment. The products comply with IEC60947-5.

2.Nomenclature

EBS - C3 - 1 2 3 4 5 6 7

Derived code and auxiliary specification code, indicating the number of button operation keys and whether it contains switches
Design code
Company code

Note: Normal working conditions and installation conditions

Ambient air temperature: -5℃~+55℃, and its average value within 24 hours shall not exceed+35℃;
Elevation: no more than 2000m; ;
Atmospheric conditions: when the maximum temperature is +40℃, the relative humidity of air does not exceed 50%, and higher humidity can be allowed at lower temperature; Special measures should be taken for the occasional condensation caused by temperature changes;
Pollution grade: Grade 3;
Installation category: Level II;
Installation environment: in the medium without explosion danger, and there is no gas and dust enough to corrode metal and damage insulation in the medium.

3.Specifications

Characteristics

Contact resistance	≤ 50mΩ
Mechanical life	Instant type 1 million times; Emergency stop self-locking button 50,000 times; Other 250,000 times
Electrical life	Instant type 1Emergency stop self-locking button 50,000 times; Other 500,000 times (at 1200 times/hour, power cosφ=0.4)
Protection grades	IP65

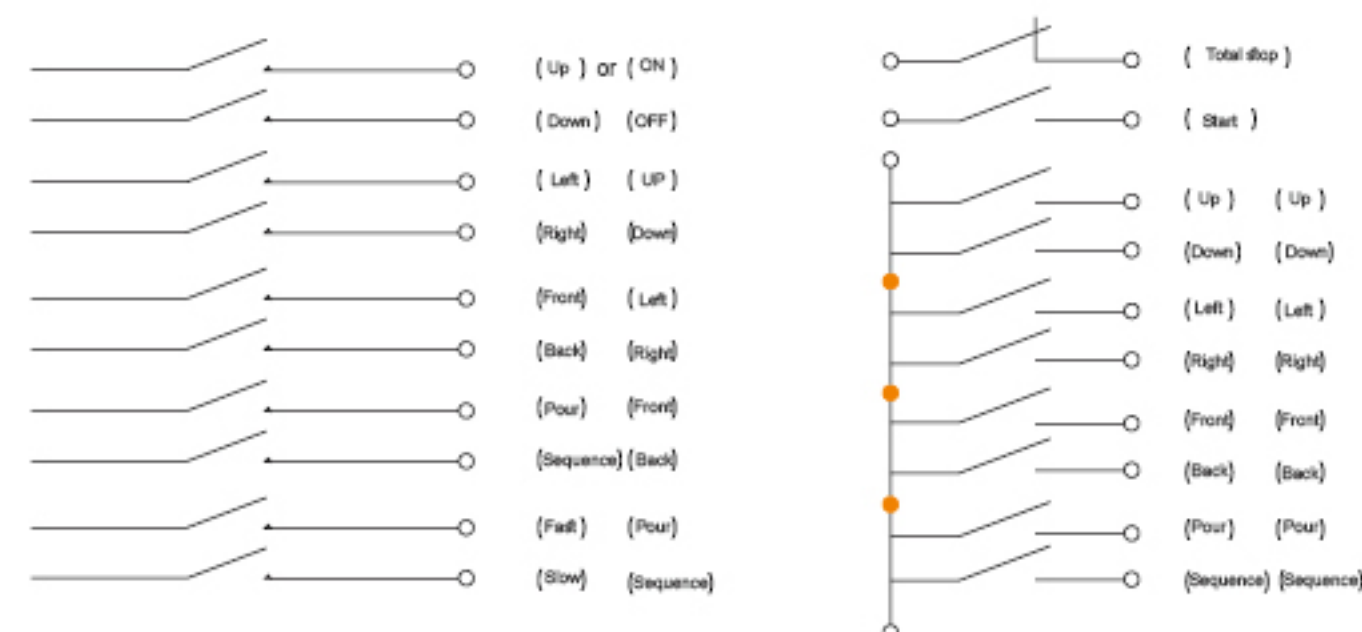
Contact capacity

Use category	Rated operational voltage Ue(V)	Rated working current Ie(A)
AC-15	380	2.5
	220	4.5
DC-13	220	0.3
	110	0.6

Others

EBSC3 series buttons are made of plastic shell, with beautiful appearance and reasonable structure. The product is equipped with rubber cable sheath and waterproof sealing strip, which has good dustproof and rain-proof performance;
Except the "start" and "stop" buttons and the "on" and "self-locking" buttons of the circuit master switch, the other buttons have automatic reset performance and mechanical interlocking mechanism with positive and negative control, which not only simplifies the circuit, but also effectively protects the circuit and equipment from running. In order to prevent circuit failure more reliably, the buttons are "on" and "self-locking", which can cut off the main power supply.

Summary



Instructions for use:
Remove the end cover, install the sealing sheath, and then fasten them on the end face of the button by screws;
Remove the bottom cover, pass all control lines into the sealing sheath, and fasten them on the terminals of each button according to the electrical schematic diagram.
Check or test whether the wiring is correct. If everything is normal, tie the leads and fix them. Finally, reinstall the bottom cover.

4.Product list

Code	Structure drawing
EBS-C3-61	
EBS-C3-61A	
EBS-C3-62	
EBS-C3-62A	
EBS-C3-63	
EBS-C3-63A	
EBS-C3-64	
EBS-C3-64A	