



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



CIRCUIT BREAKER



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.

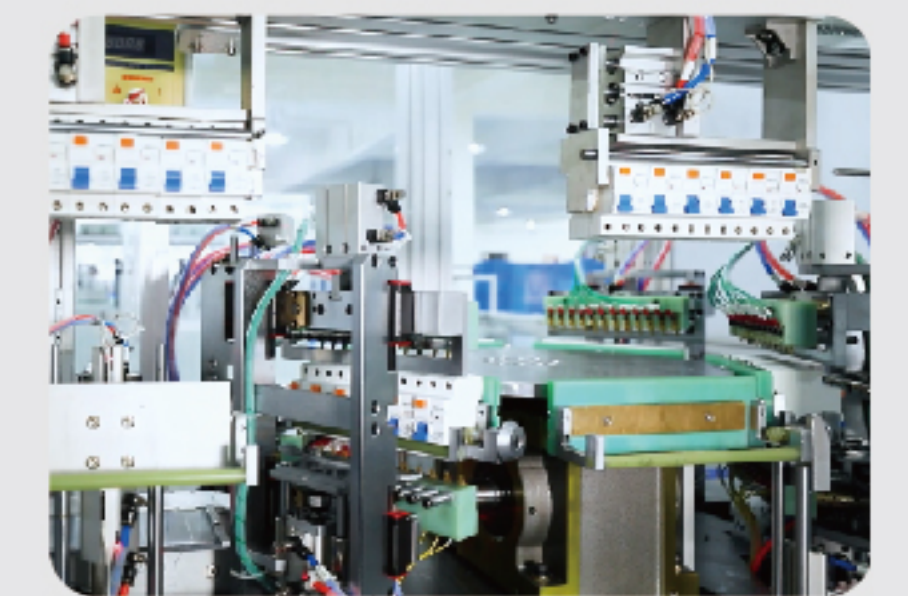
EBASEE focused on achieving growth through the success of worldwide partners. Guided by the philosophy of "market-oriented", powered by the idea of "Quick response and flexible supply", EBASEE support our worldwide partners to compete against established global players, to deliver the most systematic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

"Smart life, Green EBASEE"



Quality is our culture!

PRODUCTION LINE

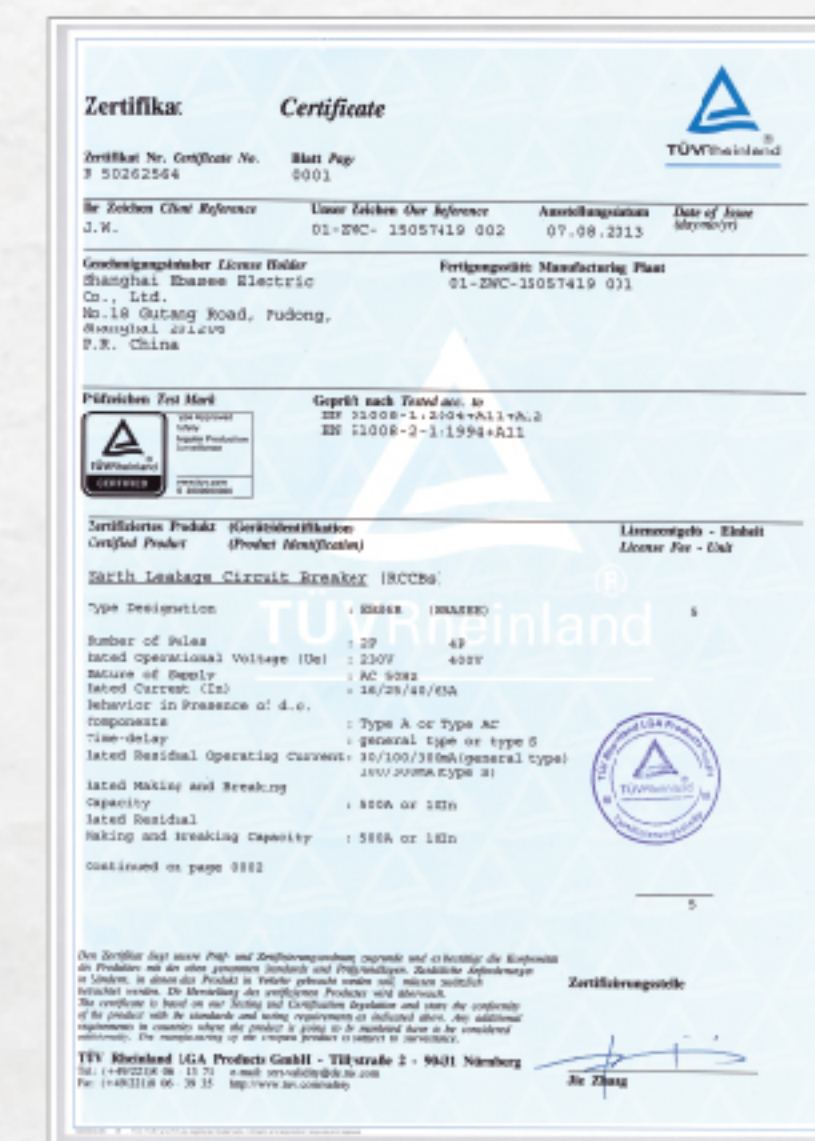
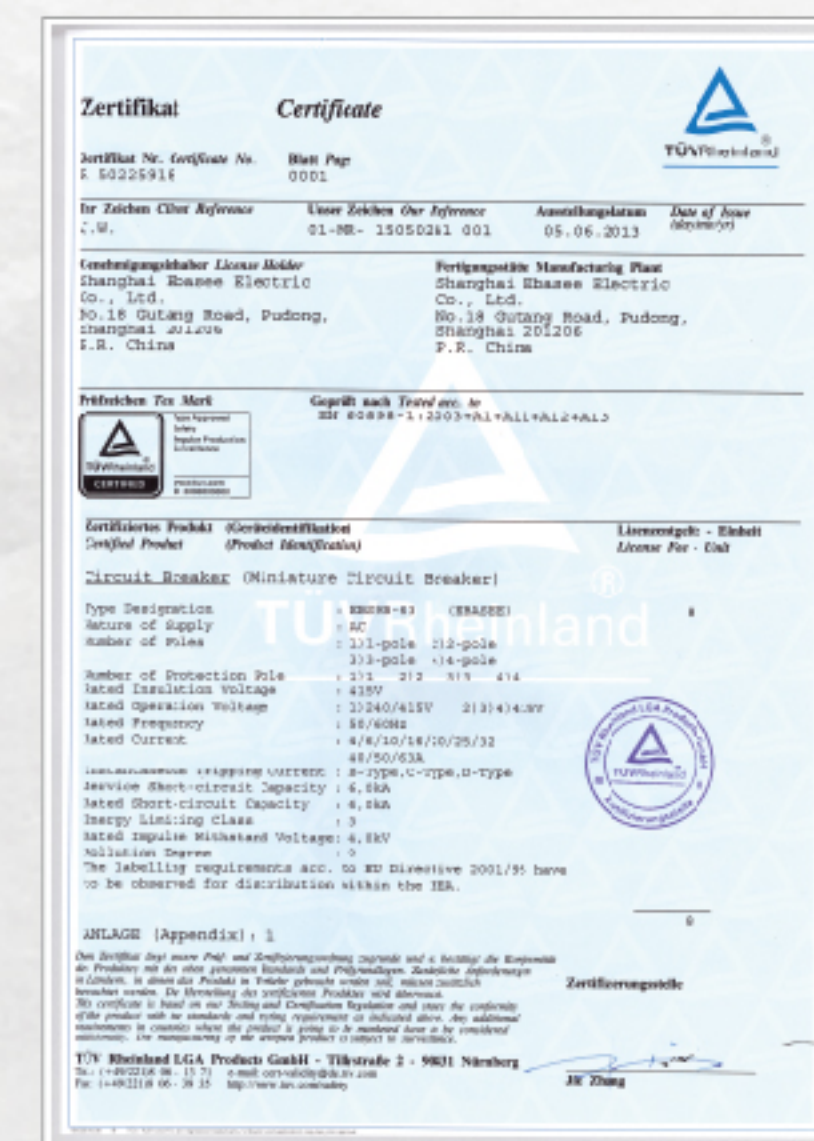
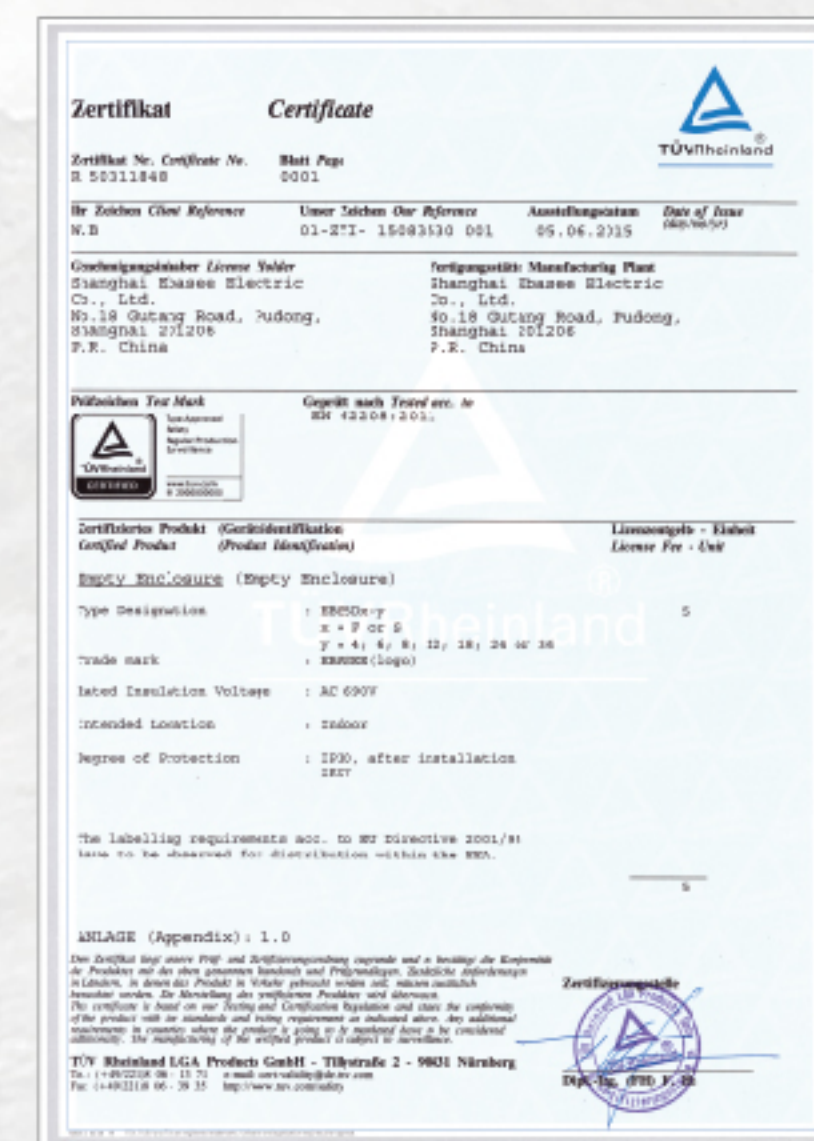
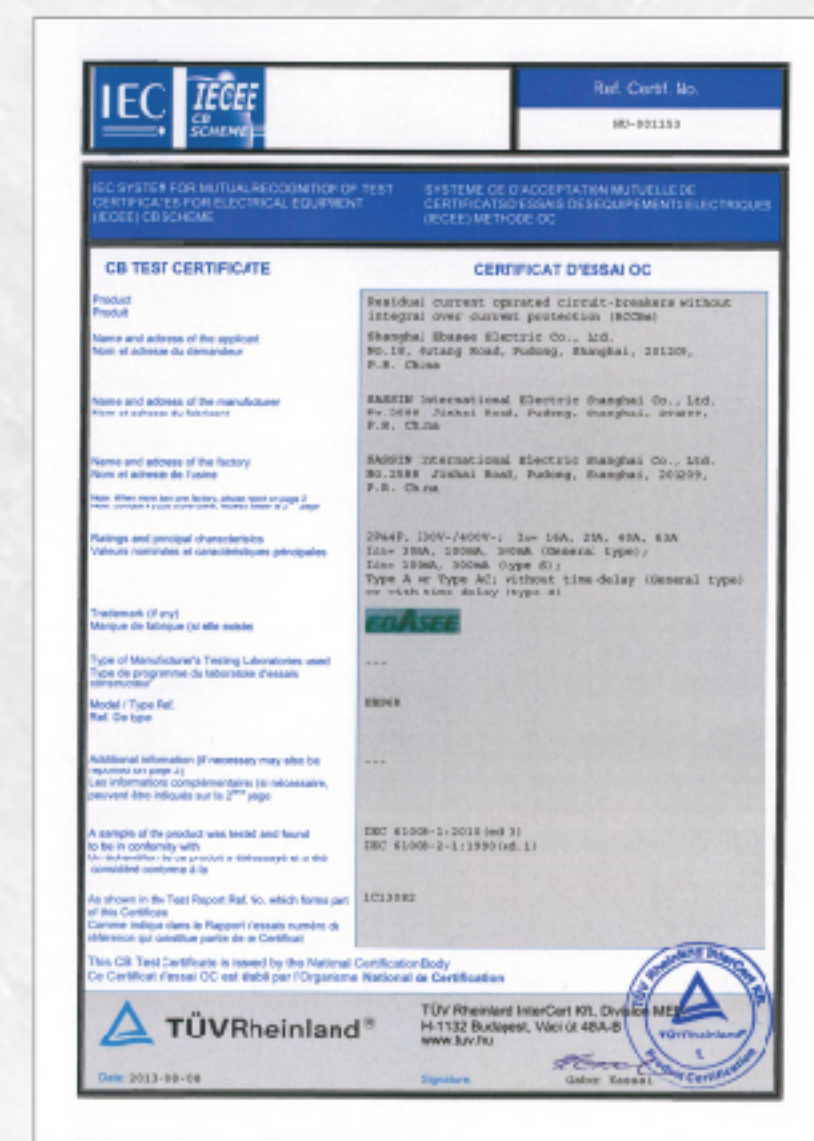
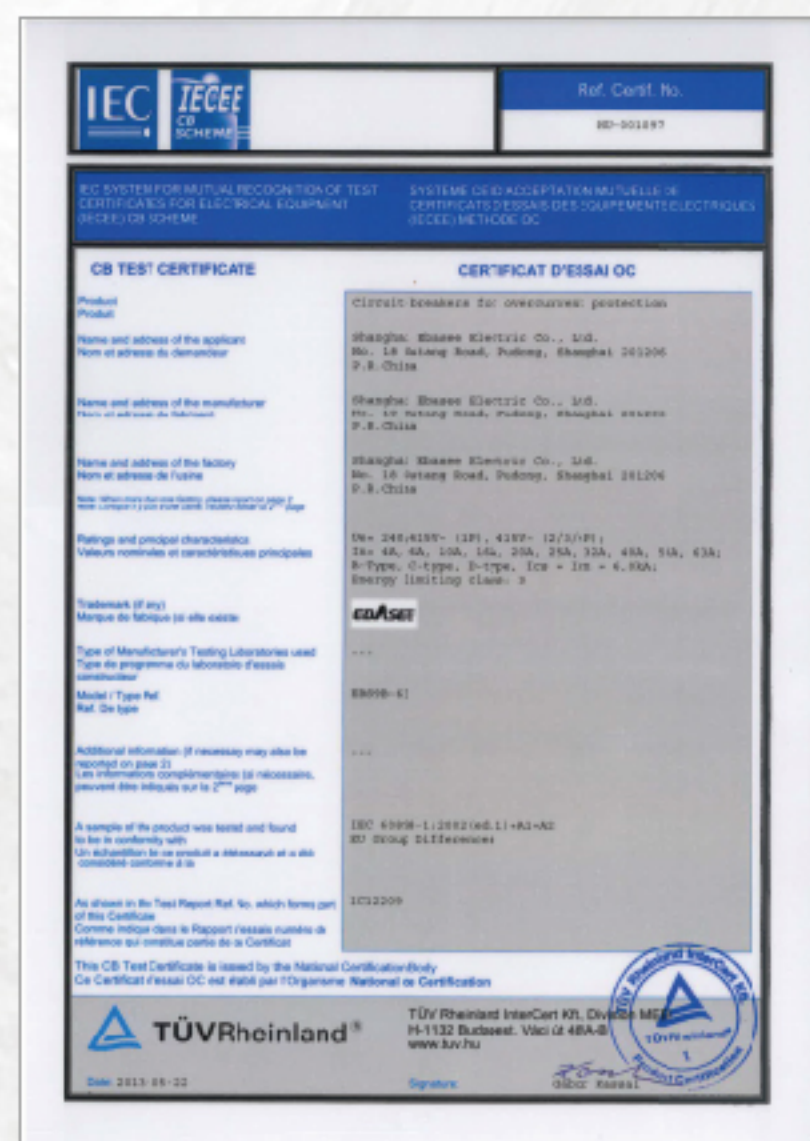
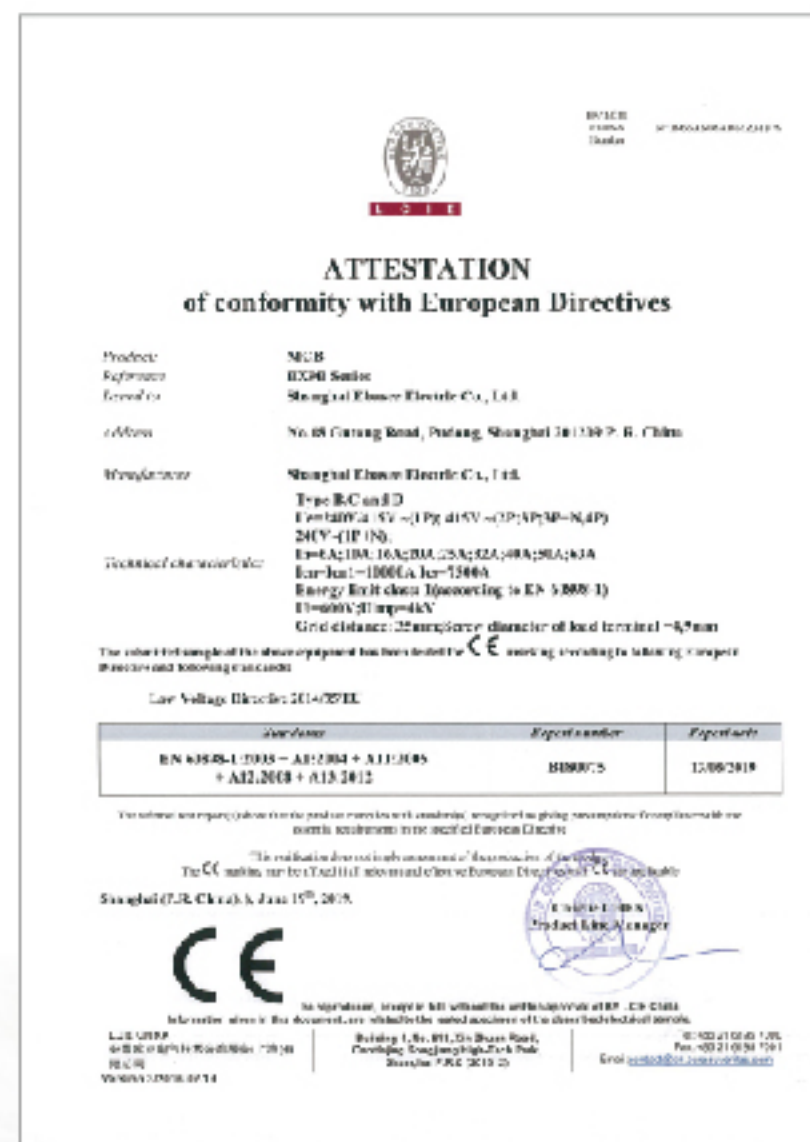


SMART LIVING GREEN EBASEE



INTERNATIONAL QUALITY CERTIFICATE

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

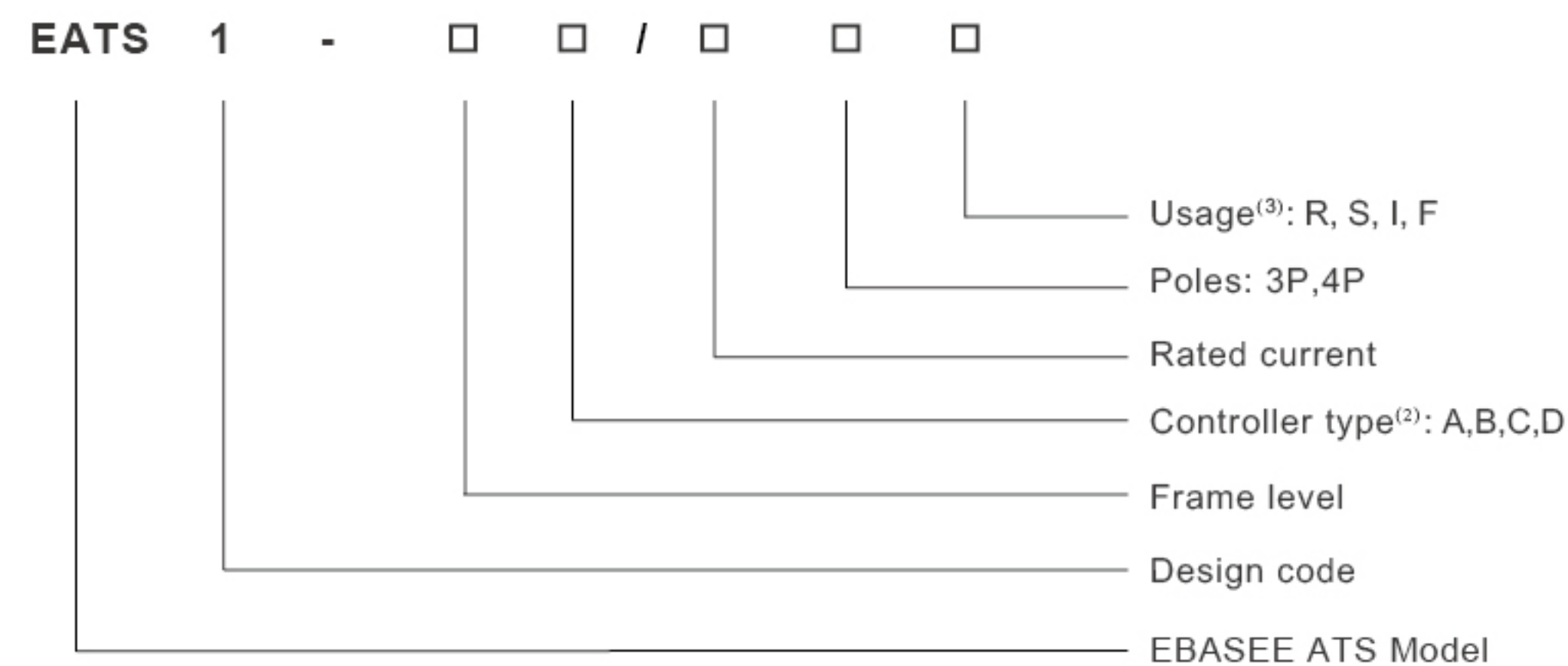


1.General

EATS1 series automatic transfer switch is suitable for distribution environment with rated voltage of AC220V, frequency of 50Hz and rated current of 10A to 1250A (CB grade). It is mainly used in uninterrupted power supply places. When the common power supply fails, the changeover switch will automatically switch on the standby power supply to complete the power system changeover, thus ensuring continuous and reliable power supply. Automatic transfer switch is equipped with automatic transfer and automatic recovery, automatic transfer and non-automatic recovery, power grid to power grid, power grid to generator, etc.



2.Nomenclature



Note

- (1) EBASEE EATS2 series is Dual-power product with MCCB as main breaker. For ordering, please contact us.
- (2) Controller type: A—Common type(Auto-switch auto recovery integrated type ATS only)
 B—Intelligent type(Displaying power voltage, starting motor, fire-fighting linkage)integrated type
 C—Intelligent type(Compatible of B type controller functions)LED display, split type controller
 D—Intelligent type(Compatible of B type controller functions,LED Chinese language display)split type controller
- (3) Usage: R—Auto-switch auto recovery
 S—Auto-switch non-auto recovery
 I— Mutual standby
 F— Grid to generator

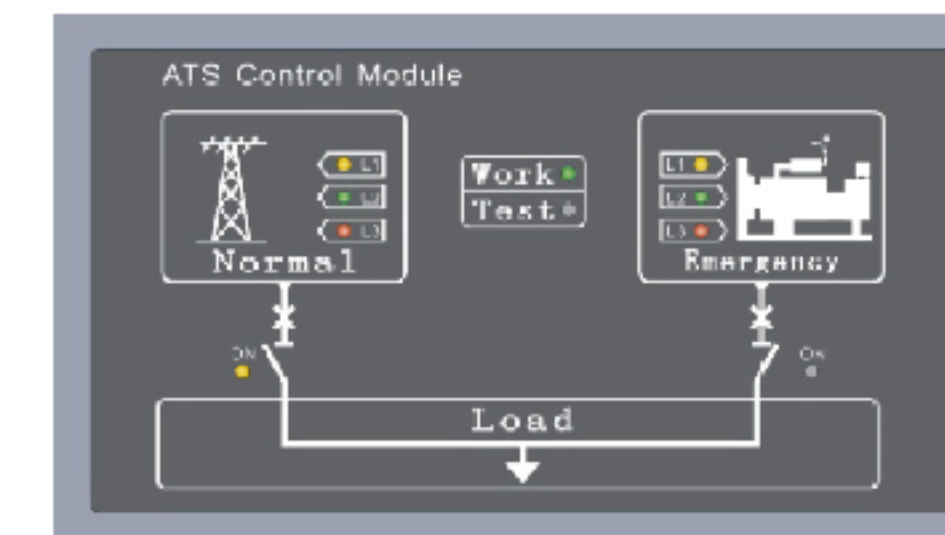
3.Characteristics

- EATS1 Series Intelligent Dual Power Automatic Transfer Switch is composed of two pieces of three-pole or four-pole molded case circuit breakers and their accessories (auxiliary contact, alarm contact), mechanical interlocking transmission part, intelligent controller. It has two structures of integrated style and split style. Controller and execution part are mounted on a base in integrated style, while in split style controller is mounted on the cabinet panel and execution part is mounted on the base for the user to install in the cabinet, the controller is connected to execution part with about 2m cable.
- The features are as follows:
 - > Reliable mechanical interlock protection and electrical interlock protection are equipped between two circuit breakers to eliminate of the possibility of the simultaneous closing of the two circuit breakers.
 - > Intelligent controller adopts single chip as controlling core, with which the products is renowned for simple hardware, powerful functions, easy expansion, high reliability
 - > The product is equipped with short-circuit protection, overload protection, overvoltage, undervoltage, open-phase automatic switching intelligent alarm function

- > Automatic switch parameters can be set in the external freely.
- > Operating motor intelligent protection is equipped.
- > The device has fire-fighting interface circuit; when fire-fighting control center issues a control signal into the intelligent controller, two circuit breakers will open
- > Computer networking interface is spared to prepare for remote control, regulation, communication and detection.

4.Controller Functions

4.1 A type controller



A type controller



EATS1C-A

A type controller(common type)is mounted with breaker body. Power changeover is decided according to working power voltage.

Functions

- >Auto mode and manual mode can be alternative choice;
- >Monitoring whether the two circuits have open-phase, under-voltage and the indicator shows whether the two circuits source power voltage is normal and switch position;
- >Changeover type is auto switch auto recovery.

Electric characteristics

Category	Parameter
Rated working voltage	220V AC 50Hz
Changeover time delay	0.5S

4.2 B type controller



B type controller



EATS1C-B

B-type controller adopts intelligent SCM program; It is smartly connected to switch body as a single entity, easy to operate, powerful functions; and based on B-type controller, C-type split controller and D-type LCD Chinese interface split controller can be added.

Functions

Accurate display of two circuit three-phase voltage, frequency and switch state quantity;

- >User can reset parameters on site, such as work status, changeover delay;
- >Mode of auto switch auto recovery, auto switch non-auto recovery, grid-generator can be selected freely.
- >Fire-fighting alarm linkage-changeover in dual-open position ;
- >Manual changeover and auto manual changeover can be used
- >Generator start signal can be issued under grid-generator mode;
- >Changeover delay time can be freely reset;
- >It has a very strong anti-jamming capability, suitable for complex environment of strong electromagnetic interference;

Electric characteristics

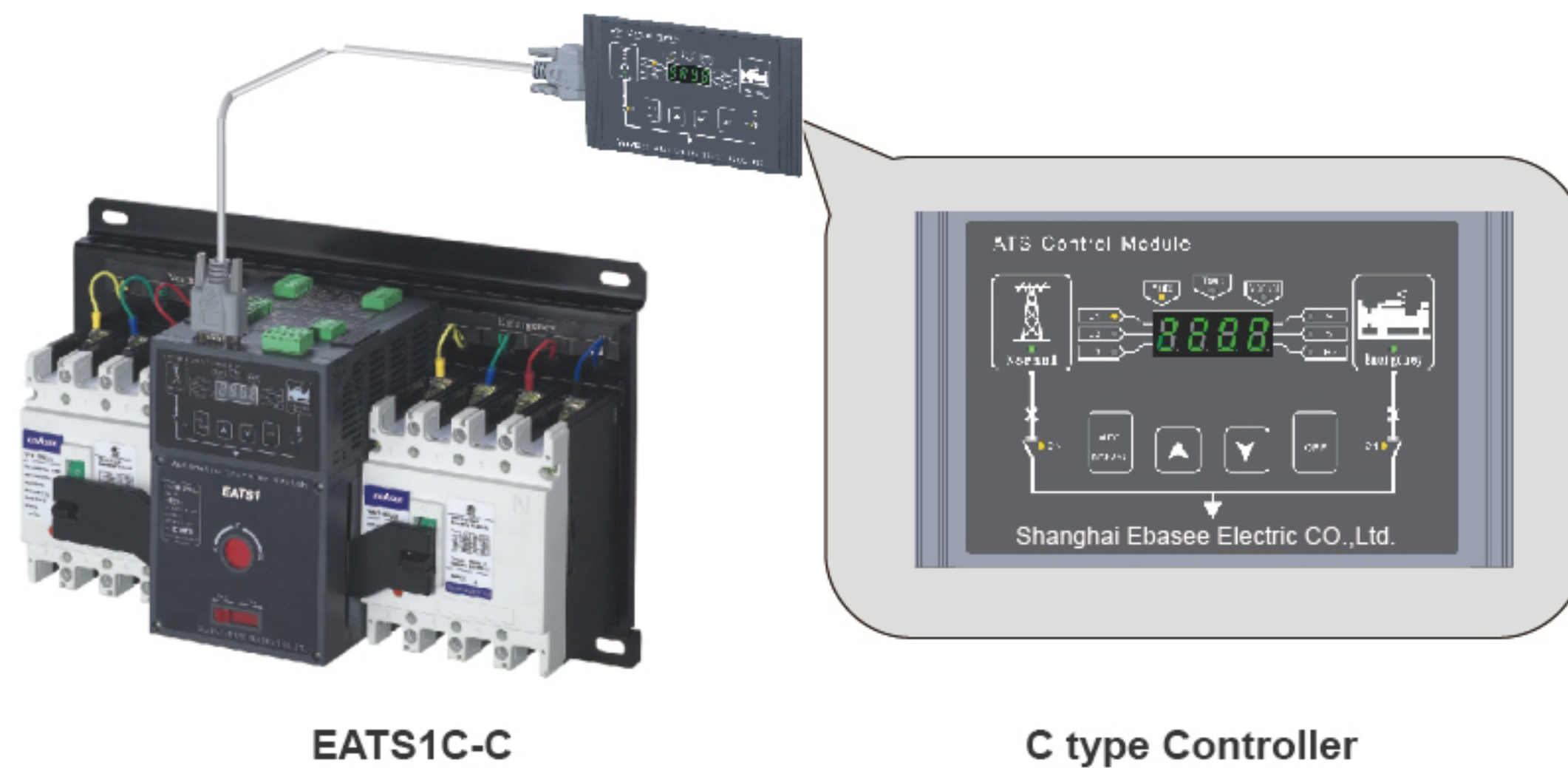
Category	Parameter
Working voltage	AC220V AC 50Hz
Changeover time delay	0.5s~90s continuous resettable
Recovery delay	0.5s~90s continuous resettable
Under-voltage changeover value	145V~210V continuous resettable
Overvoltage changeover value	230V~300V continuous resettable
Changeover time	<4s

4.3 C/D type controller

If user requires split controller, C-type or D-type controller can be installed on panel of the control cabinet with a 2m long USB, B-type controller can be connected after connection, all operation and display functions on B type controller on the switch body are in disabled state (that is, the switch body display automatically turns off), the external controller starts working, users can observe EATS state, operate and control the switch through the operation interface of the external controller without opening the control cabinet.

C type controller characteristics and functions

- >LED and indication light are adopted to display switch status and two-circuit power voltage and frequency;
- >Manual changeover and parameters settings can be achieved through pushbutton

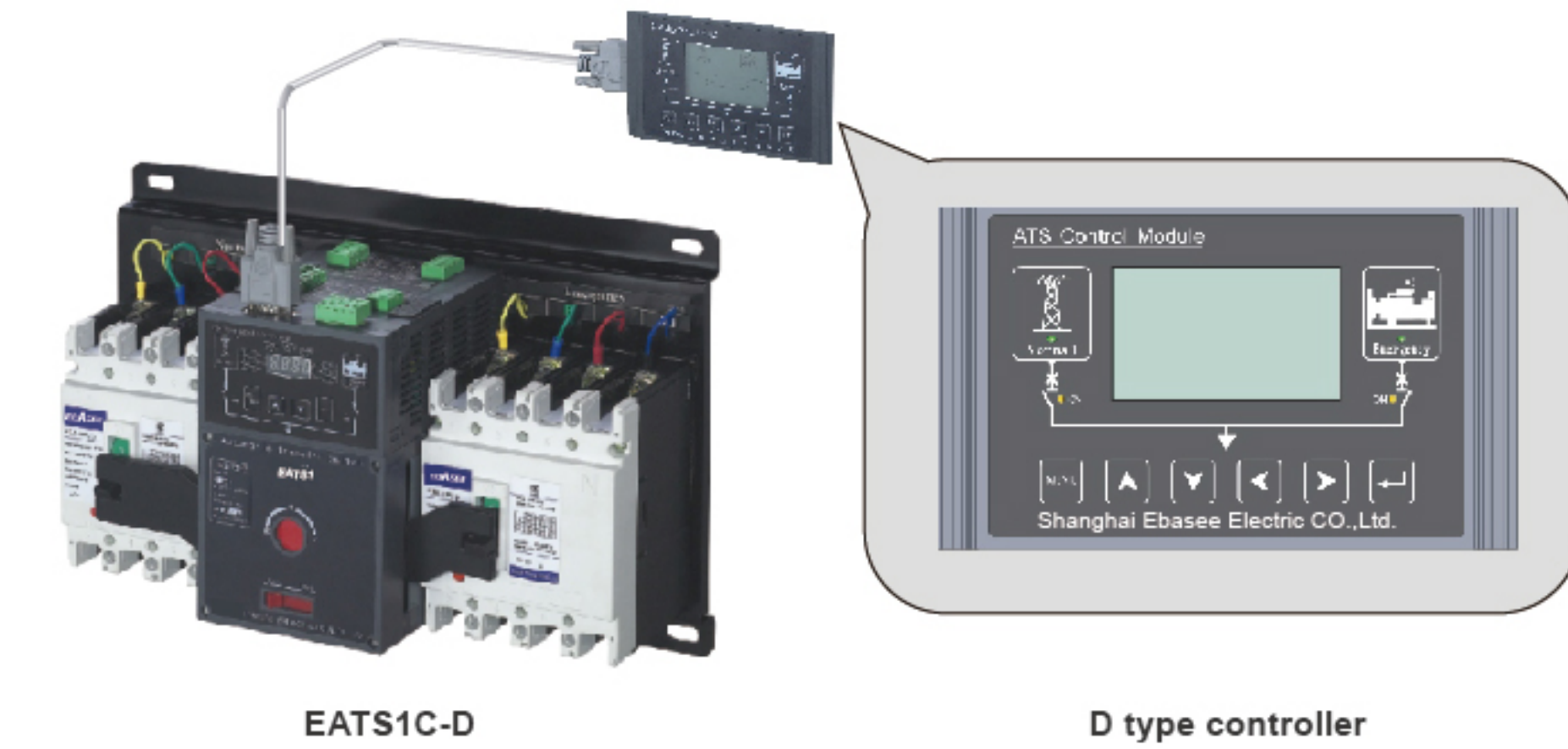


EATS1C-C

C type Controller

D type controller characteristics and functions

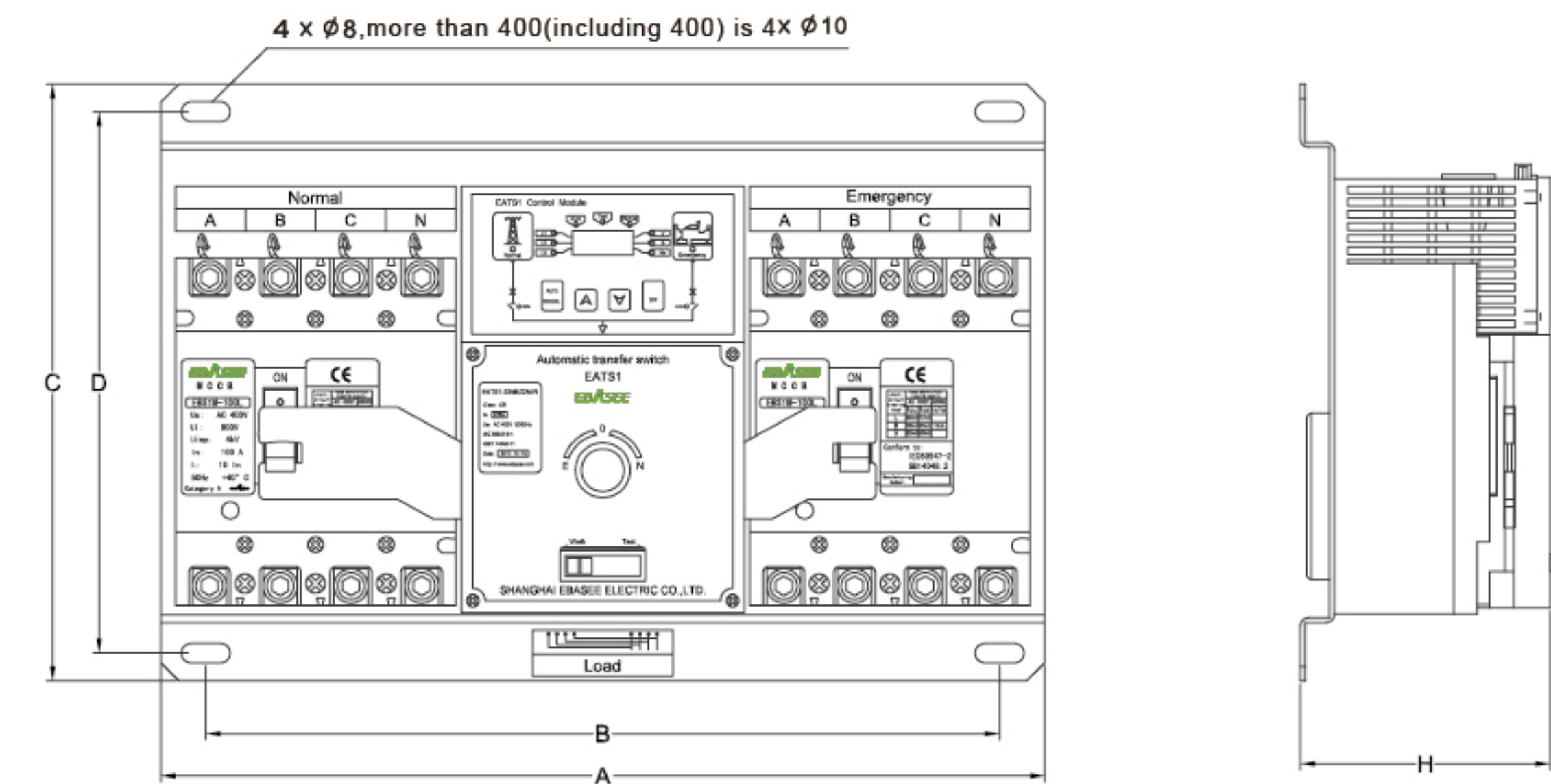
- >Large-screen LCD displays switch status and two-circuit power voltage, frequency; Chinese display interface is more intuitive, more convenient for operation;
- >Manual changeover and parameters settings can be achieved through pushbutton



EATS1C-D

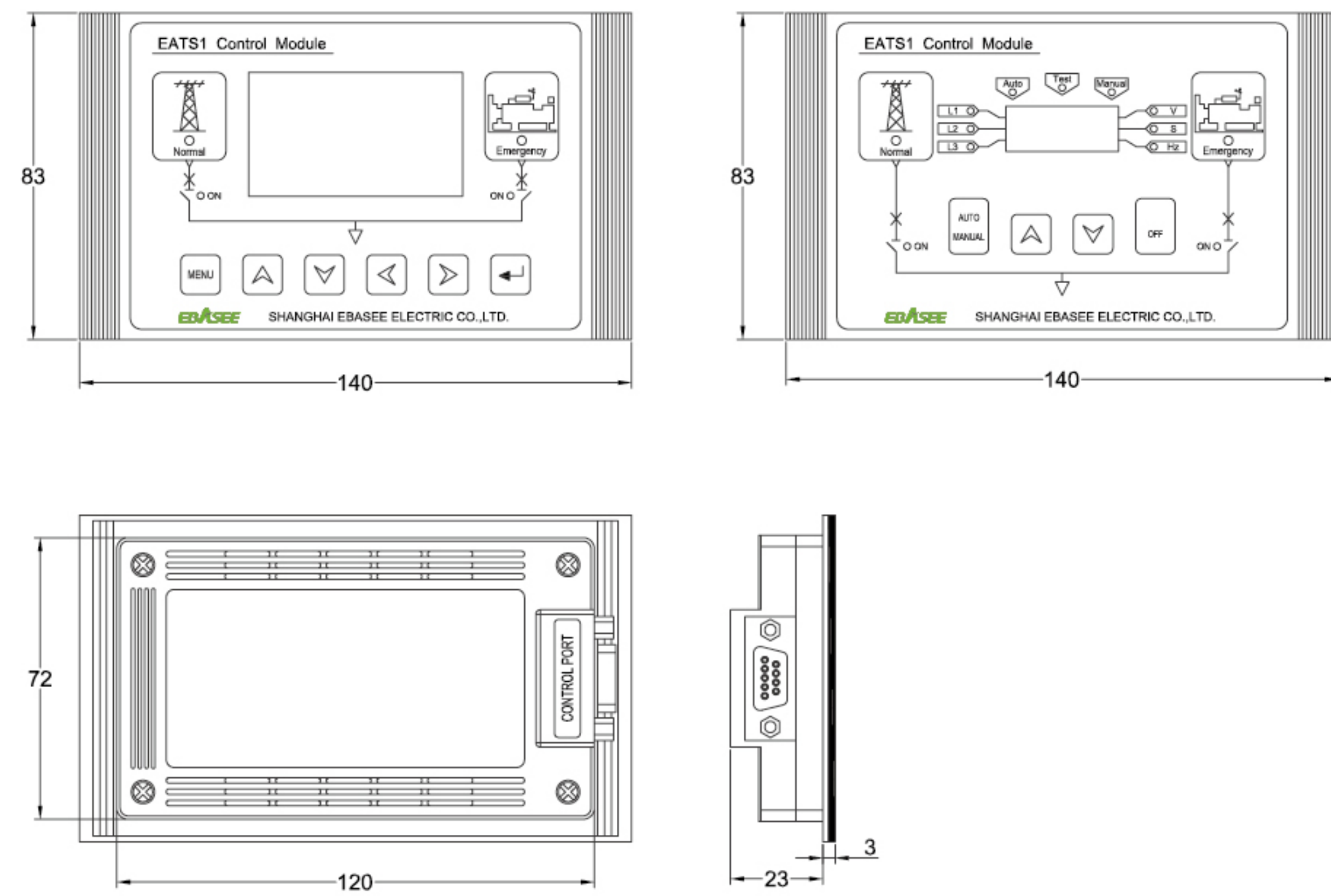
D type controller

5.Dimensions

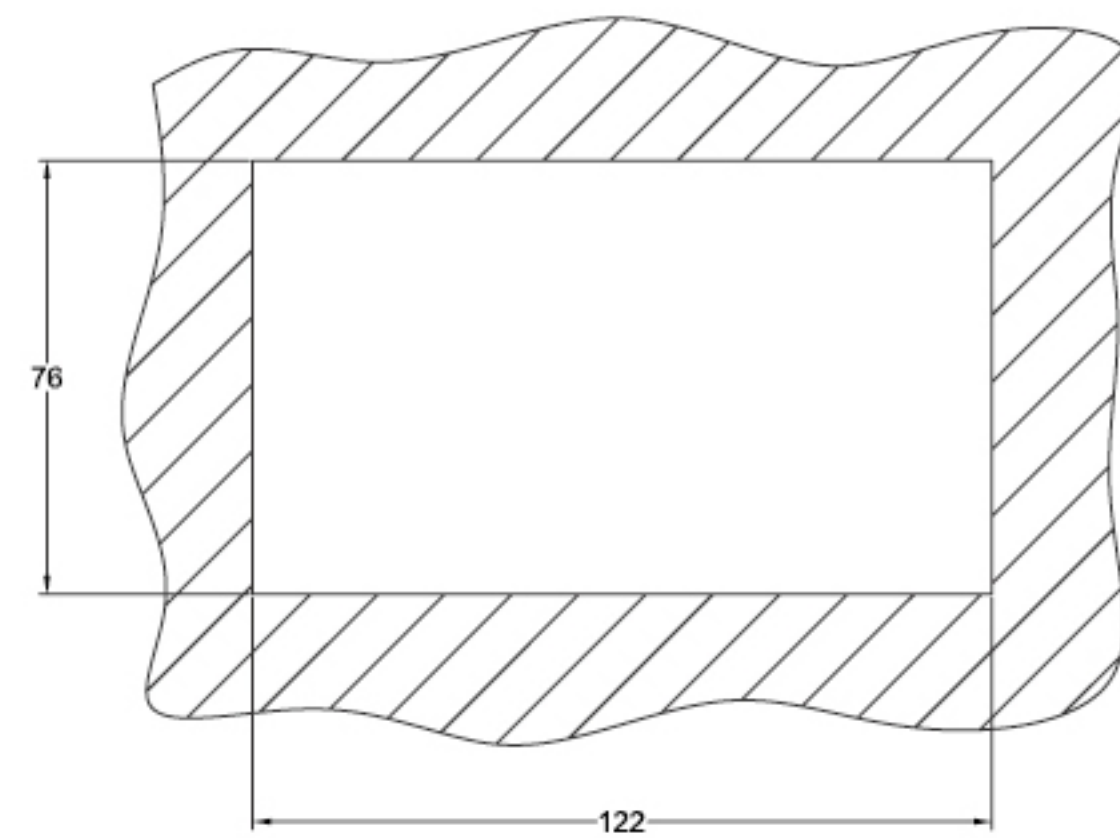


spec	size	A		B		C	D	H
		3P	4P	3P	4P			
EATS1C-63		305	355	265	315	255	230	141
EATS1C-100		335	395	295	355	255	230	141
EATS1C-225		365	435	325	395	255	230	155
EATS1C-400		491	587	431	527	330	300	215
EATS1C-630		524	640	464	580	330	300	215
EATS1C-800		580	720	520	660	340	310	215
EATS1C-1250		580	720	520	660	415	385	290

Split controller dimension



Split controller hole size



6.Order Note

Users should provide the following details:

1. product name, model, specification and quantity
2. If there are special installation conditions or special places for use, provide corresponding technical data or negotiate with our company.