



Specifications and technical data are subject to change without notice.  
Please contact to confirm relevant information on ordering.

📍 No.18, Gutang Rd, Shanghai 201209, China  
 ☎️ +86 21 5032 0898  
 📠 +86 21 5032 0828  
 ✉️ info@ebasee.com  
 🌐 www.ebasee.com



Copy right reserved EBS. NO.2021001

**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.

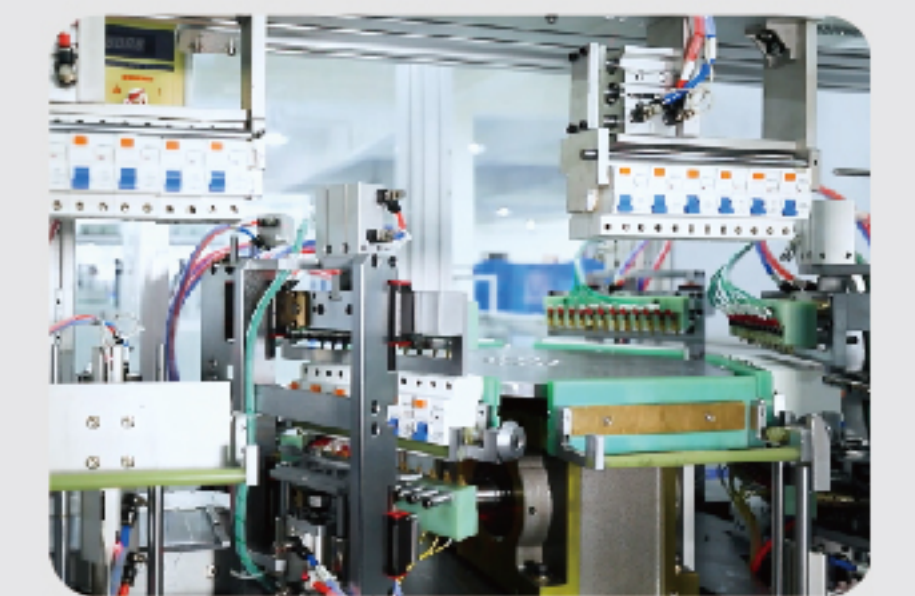
EBASEE focused on achieving growth through the success of worldwide partners. Guided by the philosophy of "market-oriented", powered by the idea of "Quick response and flexible supply", EBASEE support our worldwide partners to compete against established global players, to deliver the most systematic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

"Smart life, Green EBASEE"



Quality is our culture!

## PRODUCTION LINE



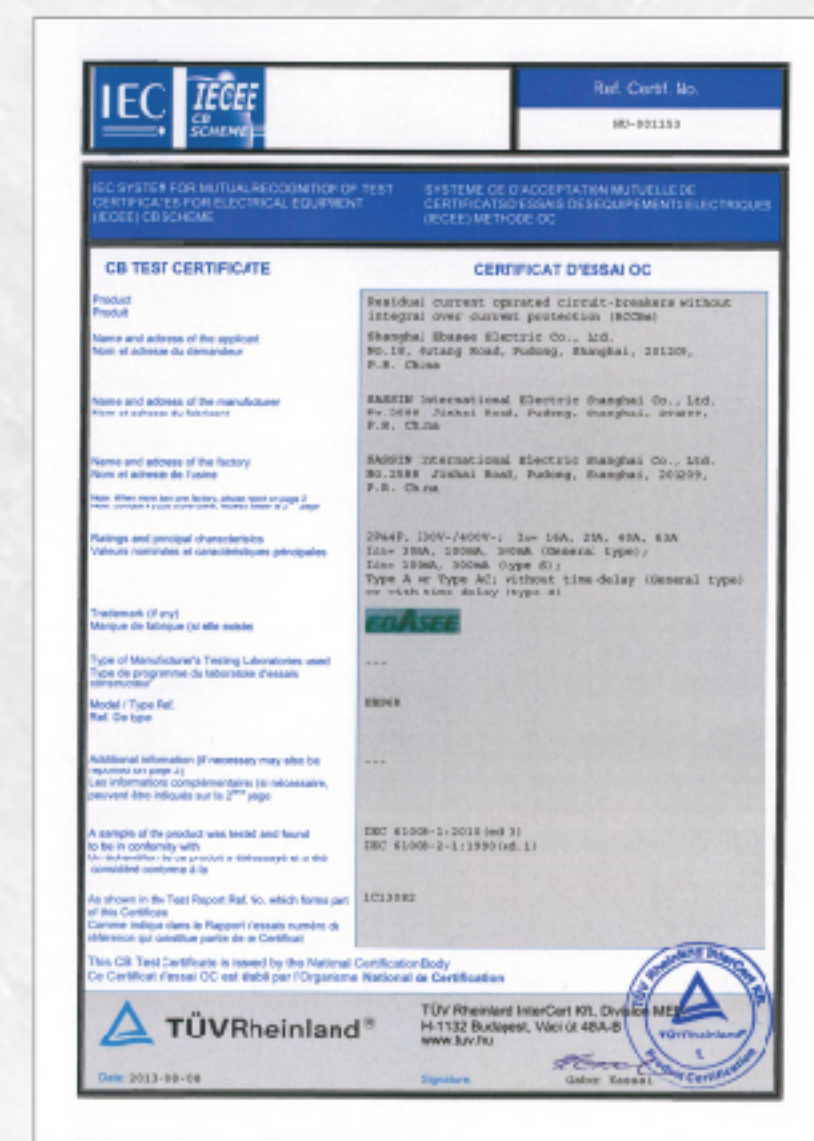
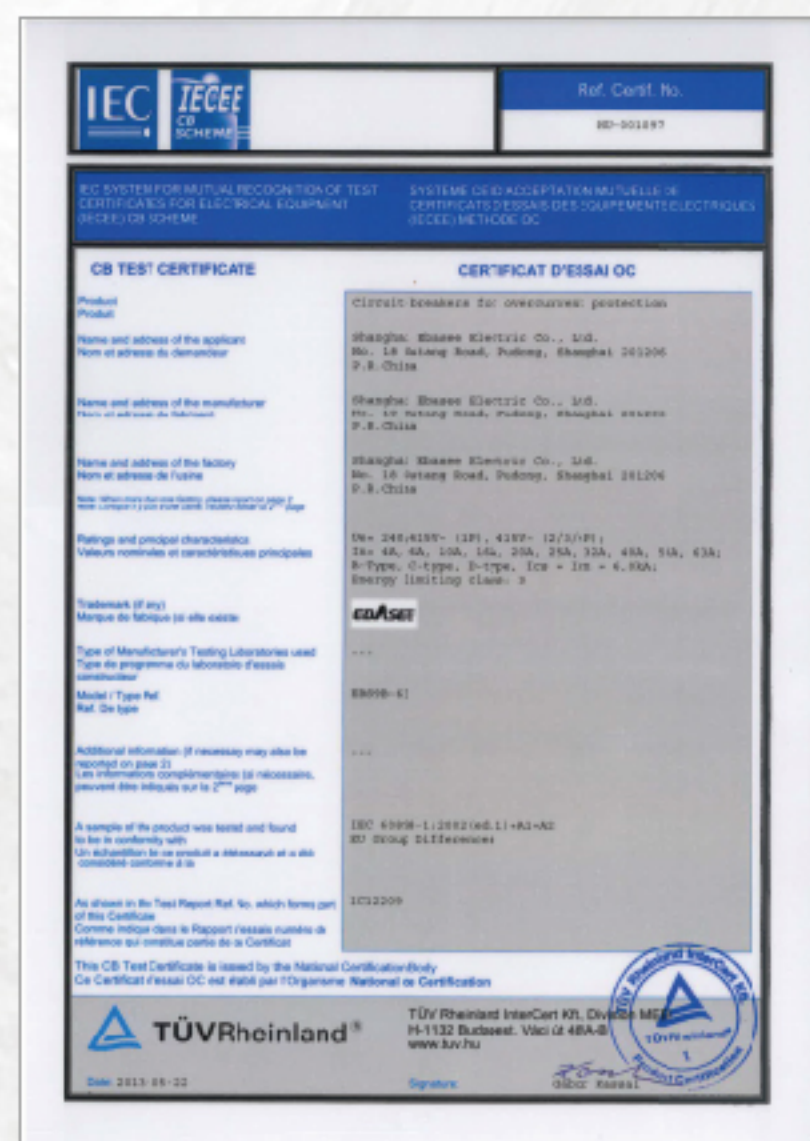
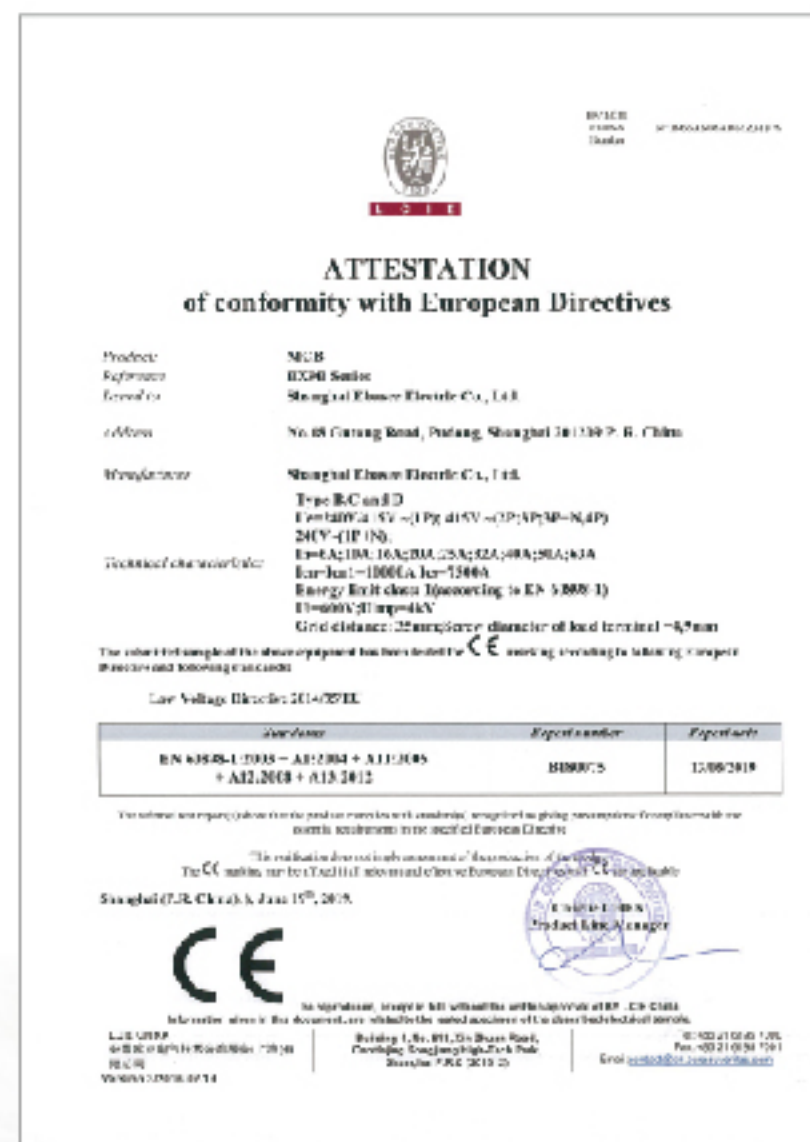


# SMART LIVING GREEN EBASEE



## INTERNATIONAL QUALITY CERTIFICATE

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



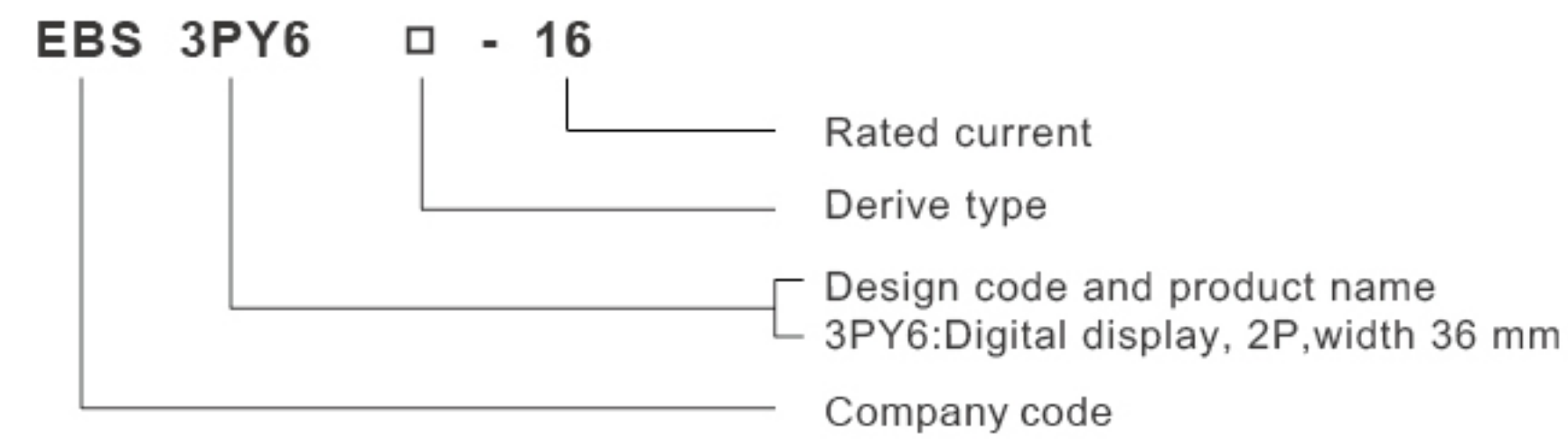


## 1.Function

Self-recovery Over&Under Voltage Delay Protector is EBASEE's development of a new generation of products. It has reasonable design, assembling imported components and domestic famous components, with advanced manufacturing process. It can cut off power supply quickly and reliably under the condition of high voltage surge and under-voltage, to protect household appliances, when the voltage recovery normal, it can connect circuits automatically after a delay, to recover power, which can protect electric appliance to avoid the impact of the moment when the power supply is connected, all the functions of automation, no need manual operations, select and use double lights indicator.



## 2.Nomenclature



## 3.Specifications

Standard		IEC60364
Poles	P	2P
Rated current In	A	10,16,20,25,32,40,50,63,80
Rated voltage Ue	V	AC230V/50Hz
Over-voltage action cut-off value	V	AC275±5V
Normal-voltage action cut-off value	V	AC255±5V
Under-voltage action cut-off value	V	AC160±5V
Normal-voltage action cut-off value	V	AC190±5V
Breaking capacity Icn	A	3000A(≤40A);L,6000A(≥50A)
Storage temperature	℃	-5℃~45℃
Ambient temperature	℃	45~90% RH, 40℃
Altitude (meters)		Max 2,000
Electricd/Mechanical life (times)		≥100000
Size		84X35X66mm (L*W*H)
Installation		installed on 35mm DIN rail

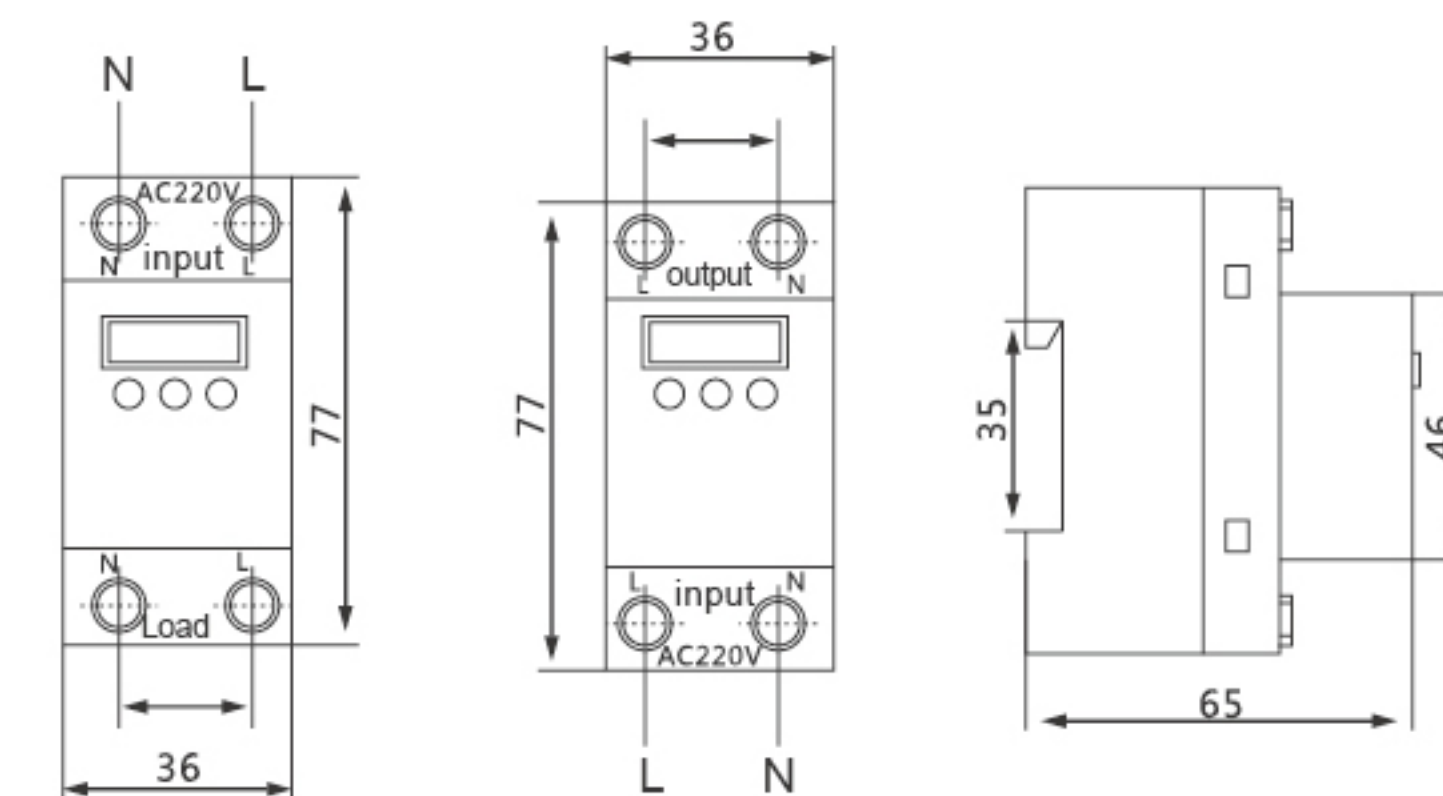
## 4.Electrical Characteristics

- Single-phase line break occurred when the line is under voltage, single-phase line voltage returns to normal by the delay automatically resets the line, without manual operation.
- Line instant or transient overvoltage occurs, the protector does not malfunction.
- Because of the contact line is not real voltage instability and other failures, or when a sudden power off and on, the protector does not pick up the line
- Fault voltage is highest; the protector itself will not be damaged
- Protector inversely time operation characteristic, action time≤1s.
- Impulse withstand voltage: 4kV (Comply with III electricity safety standard)
- Protector has two-color LED indicates the working state, Green -ON normal voltage indication, Red -OFF under-voltage or Over-delayed instructions.
- Shape modular design, rail mounting
- Connection capacity: 63A: Under 25mm<sup>2</sup> insulated wire  
80A: Under 35mm<sup>2</sup> insulated wire

## 5.Note

- 'N' for natural line, 'L' for live line, cannot be connected in a wrong way.
- Please tighten the thread screw, prevent damage to the product before using.

## 6.Dimensions



## 7.Order Note

### Following items should be marked when ordering

Product name, model  
Circuit type, single-phase or three-phase  
Product width  
Rated current  
Quantity

### Ordering sample

To order the EBS3PY6 series Over&Under Voltage Protector, single-phase, rated current is 40A, product width is 36mm, and quantity is 100 pieces, should be marked:  
EBS3PY6-40; 100PCS.