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.

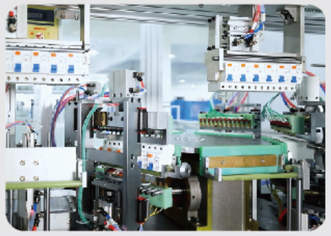
With qualified raw materials and components supply, all products are manufactured by EBASEE's defined international specifications. We have 4 semi-auto production lines, up-to-date quality control facilities, well-trained and experienced workers. Moreover, with a technical R & D team and fully equipped 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 intellgent 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"

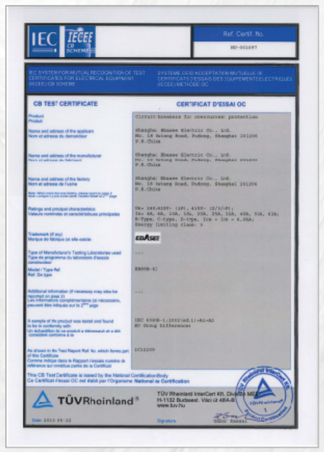
PRODUCTION LINE

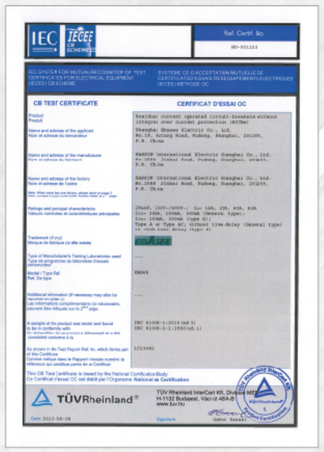


SMART LIVING GREEN EBASEE

INTERNATION QUALITY CERTIFICATE

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





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1.Function

Intelligent over-voltage, over-current automatic reclosing protector integrated over-voltage protection, under-voltage protection, over-current protection as one integrated intelligent circuit breaker, when there is over-voltage fault in the line, under-voltage fault over-current fault, etc. This product can cut off the power supply instantaneously and protect the electrical equipment from being burnt. When the line returns to normal, the protector can automatically supply power. The over-voltage value, under-voltage value, over-current value and delay value of this product can be set by themselves.

2.Nomenclature

BX 1 PY6 - 63

- 63 — Rated current
- PY6 — Derive type
- 1 — Design code
- BX — Company code

3.Specifications

Standard		BX1PY6
Poles	P	2P
Rated current In	A	20, 32, 40, 50,63
Rated voltage Ue	V	AC230V/50Hz
Over-voltage action cut-off value	V	AC280V
Normal-voltage action cut-off value	V	AC230V
Under-voltage action cut-off value	V	AC155V
Normal-voltage action cut-off value	V	AC205V
Reset time	s	30±5
Overcurrent adjustable range	A	1-63
Adjustable reset time	s	1-300
Storage temperature	℃	-5℃~45℃
Ambient temperature	℃	45~90% RH, 40℃
Altitude (meters)		Max 2,000
Installation		installed on 35mm DIN rail

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Standard		BX2PY6
Poles	P	2P
Rated current In	A	50,63
Rated voltage Ue	V	AC230V/50Hz
Over-voltage action cut-off value	V	AC280V
Normal-voltage action cut-off value	V	AC230V
Under-voltage action cut-off value	V	AC140V
Normal-voltage action cut-off value	V	AC210V
Reset time	s	30±5
Overcurrent adjustable range	A	1-63
Adjustable reset time	s	1-300
Storage temperature	℃	-5℃~45℃
Ambient temperature	℃	45~90% RH, 40℃
Altitude (meters)		Max 2,000
Installation		installed on 35mm DIN rail

Standard		BX3PY6
Poles	P	2P
Rated current In	A	50,63
Rated voltage Ue	V	AC230V/50Hz
Over-voltage action cut-off value	V	AC300V
Normal-voltage action cut-off value	V	AC230V
Under-voltage action cut-off value	V	AC145V
Normal-voltage action cut-off value	V	AC210V
Reset time	s	30±5
Overcurrent adjustable range	A	1-63
Adjustable reset time	s	1-300
Storage temperature	℃	-5℃~45℃
Ambient temperature	℃	45~90% RH, 40℃
Altitude (meters)		Max 2,000
Installation		installed on 35mm DIN rail

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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 25mm² insulated wire
  80A: Under 35mm² 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.

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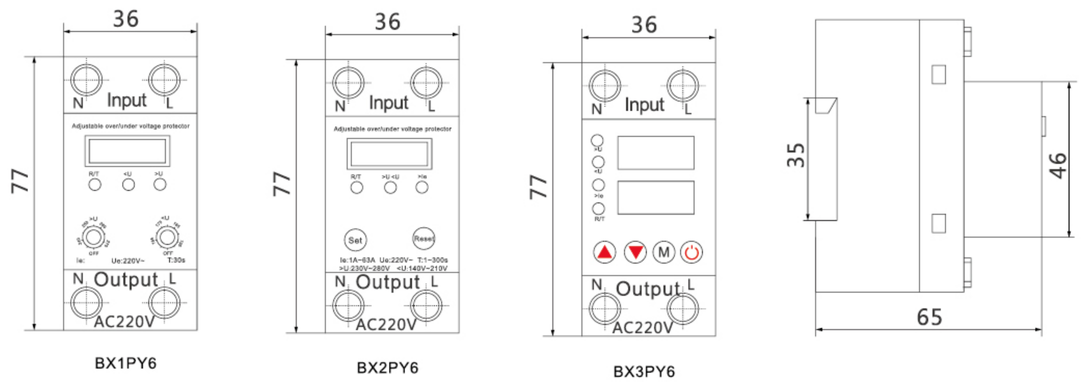
6.Dimensions



BX1PY6 BX2PY6 BX3PY6

7.Order Note

Following items should be marked when ordering	Ordering sample
Product name, model Circuit type, single-phase or three-phase Product width Rated current Quantity	To order the BX3PY6 series Over&Under Voltage Protector, single-phase, rated current is 40A, product width is 36mm, and quantity is 100 pieces, should be marked: BX3PY6-40; 100PCS.