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

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+86 21 5032 0898
+86 21 5032 0828
info@ebasee.com
www.ebasee.com

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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

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 0012Q33188R2S/3100

We hereby certify that

Shanghai Ebasee Electric Co.,Ltd.

Registration Address: Building 1, No.512, Shangchuan Road, Pudong New District, Shanghai, China
Operation Address: Room 4228, 4F-A, No.18, Gutang Road, Pudong New District, Shanghai, China

by reason of its

Quality Management System

has been awarded this certificate for compliance with the standard

GB/T 19001-2016 / ISO 9001:2015

The Quality Management System Applies in the following area:

Productive Technology Management and Sales of Low Voltage Electric Products

Certified since: February 2, 2015 Valid from: November 9, 2020 Valid until: February 1, 2024

CHINA QUALITY CERTIFICATION CENTRE

A 0089015

INTERNATION QUALITY CERTIFICATE

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

ATTESTATION
of conformity with European Directives

Product: MCB
Reference: BM8R Series
Issued to: Shanghai Ebasee Electric Co., Ltd.
Address: No.18 Gutang Road, Pudong, Shanghai 201209 P. R. China
Manufacturer: Shanghai Ebasee Electric Co., Ltd.
Technical characteristics: Type B,C and D
Ue=230V(1+10%~-(1P); 415V~(2P,3P,3P+N,4P)
240V~(1P+N);
Ie=6;10;16;20A;25A;32A;40A;50A;63A
Icu=Icn1=10000A, Ics=7500A,
Energy limit class: Limited(up to EN 60898-1)
Ui=500V;Uimp=4kV
Grid distance: 35mm;Screw diameter of load terminal =4.5mm

The submitted sample of the above equipment has been rated for CE marking according to following European Directive and following standards:

Low Voltage Directive 2014/35/EU

Standards	Report number	Report date
EN 60898-1:2015 + A1:2019 + A11:2015 + A12:2018 + A13:2019	R180075	13/05/2019

Shanghai (P.R. China), 3. June 11th, 2019.

Charlie CHEN
Product Line Manager

DEKRA

CERTIFICATE

Issued to:
Applicant: Shanghai Ebasee Electric Co., Ltd. No.18 Gutang Road, Pudong, Shanghai, 201209, China
Manufacturer/licensee: SASSIN INTERNATIONAL ELECTRIC SHANGHAI CO., LTD. NO. 2388, JINHAI ROAD, PUDONG, SHANGHAI, 201209, CHINA

Product(s) : Moulded-Case Circuit Breaker
Trade name(s) : EBASEE
Type(s)/model(s) : EBS(W)-100S, EBS(W)-250R

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
– a type test according to the standard EN 60947-2:2006+ A1:2009, IEC 60947-2:2006 + A1:2009;
– an inspection of the production location according to CENELEC Operational Document OD 02;
– a certification agreement with the number 213454.

DEKRA hereby grants the right o use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 21 March 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3306173.01

DEKRA Certification B.V.

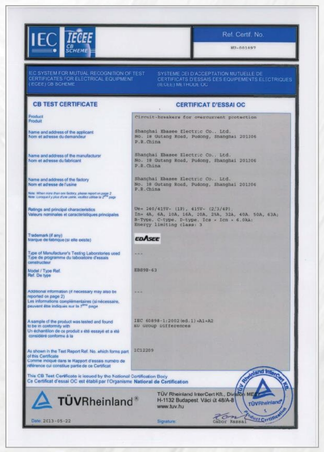
drs. G.J. Zoetbrood
Managing Director

F.S. Strikwerda
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands
T +31 88 96 83000 F +31 88 96 83100 www.dekra-certification.com Registered Arnhem 09089386


IEC IECEE CB SCHEME

Ref. Certif. No.
RU-003497

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME OU D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) MEMBRE OC

CB TEST CERTIFICATE — CERTIFICAT D'ESSAI OC

Product / Produit: Circuit-breakers for overcurrent protection

Name and address of the applicant / Nom et adresse du demandeur: Shanghai Ebasee Electric Co., Ltd. No.18 Gutang Road, Pudong, Shanghai 201206 P.R.China

Name and address of the manufacturer / Nom et adresse du fabricant: Shanghai Ebasee Electric Co., Ltd. No. 18 Gutang Road, Pudong, Shanghai 201206 P.R.China

Name and address of the factory / Nom et adresse de l'usine: Shanghai Ebasee Electric Co., Ltd. No.18 Gutang Road, Pudong, Shanghai 201206 P.R.China

Ratings and principal characteristics / Valeurs nominales et caractéristiques principales: See Annex

Trademark (if any) / Marque de fabrique (si elle existe): EBASEE

Customer's Testing Facility (CTF) Stage used: /

Model / Type Ref.: SX80

Additional information (if necessary may also be reported on page 2) / Informations complémentaires (si nécessaires, peuvent être indiquées sur la 2ème page): ☑ Additional Information on page 2

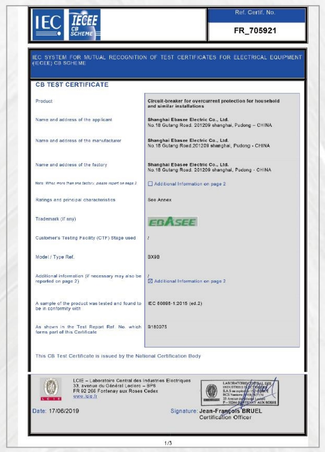
A sample of the product was tested and found to be in conformity with / Un échantillon de ce produit a été essayé et a été considéré conforme à la: IEC 60898-1:2002(ed.1)+A1+A2 avec écarts ci-dessous

As shown in the Test Report Ref. No. which forms part of this Certificate / Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat: R180075

This CB Test Certificate is issued by the National Certification Body / Ce Certificat d'essai OC est délivré par l'Organisme National de Certification

TÜVRheinland®

Date: 2013-05-22


IEC IECEE CB SCHEME

Ref. Certif. No.
FR_705921

IEC- SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product: Circuit breaker for overcurrent protection for household and similar installations

Name and address of the applicant: Shanghai Ebasee Electric Co., Ltd. No.18 Gutang Road 201209 shanghai, Pudong – CHINA

Name and address of the manufacturer: Shanghai Ebasee Electric Co., Ltd. No.18 Gutang Road 201209 shanghai, Pudong – CHINA

Name and address of the factory: Shanghai Ebasee Electric Co., Ltd. No.18 Gutang Road 201209 shanghai, Pudong – CHINA

Note: When more than one factory, please report on page 2

☑ Additional Information on page 2

Ratings and principal characteristics: See Annex

Trademark (if any): EBASEE

Customer's Testing Facility (CTF) Stage used: /

Model / Type Ref.: SX80

Additional information (if necessary may also be reported on page 2): ☑ Additional Information on page 3

A sample of the product was tested and found to be in conformity with: IEC 60898-1:2015 (ed.2)

As shown in the Test Report Ref. No. which forms part of this Certificate: R180075

This CB Test Certificate is issued by the National Certification Body

LCIE – Laboratoire Central des Industries Electriques, 33, avenue du Général Leclerc – BP9, FR 92 260 Fontenay aux Roses Cedex, www.lcie.fr

Date: 17/06/2019

Signature: Jean-François GIRUEL, Certification Officer

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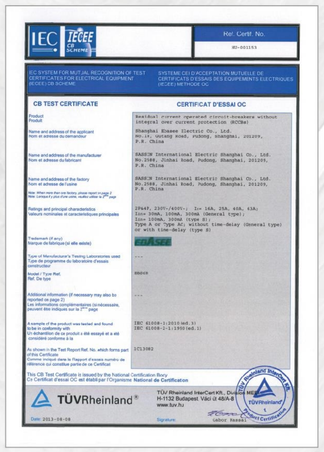

IEC IECEE CB SCHEME

Ref. Certif. No.
RU-003153

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME OU D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE — CERTIFICAT D'ESSAI OC

Product / Produit: Residual current operated circuit-breakers without integral over current protection (RCCBs)

Name and address of the applicant: Shanghai Ebasee Electric Co., Ltd. No.18, Gutang Road, Pudong, Shanghai, 201209, P.R. China

Name and address of the manufacturer: SASSIN International Electric Shanghai Co., Ltd. No.2388, Jinhai Road, Pudong, Shanghai, 201209, P.R. China

Name and address of the factory: SASSIN International Electric Shanghai Co., Ltd. No.2388, Jinhai Road, Pudong, Shanghai, 201209, P.R. China

Ratings and principal characteristics: 2P+N#f; 230V;40(60)~; 1x 16A, 25A, 40A, 63A; 6mA, 10mA, 30mA, 100mA, 300mA, 500mA, 1000mA, 3000mA; 10kA; 3000A; 3000A; 3000A

1.Function

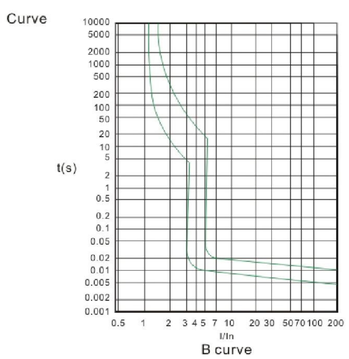
RCBO is mainly used in AC 50Hz(60Hz), rated voltage 110/220V, 120/240V, rated current 6A to 40A low voltage terminal distribution system. RCBO is equal with MCB+RCD function; It is used for electric shock protection and human indirect contact protection, electric equipment protection when human body touching electricity or electric network leak current exceeds stipulated value, and over load and short circuit protection ; It can also be a non-frequency operator in the circuit, wildly used in the residential and commercial district.
It complies with standard of IEC61009-1.

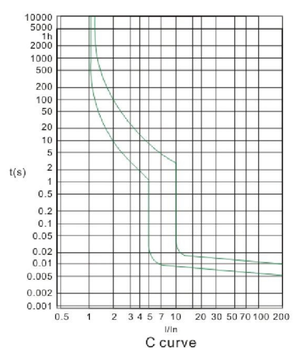
2.Nomenclature

BX P H 7BL - 40 C 32 / 30

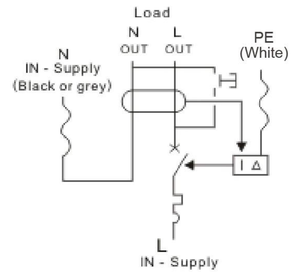
- Rated sensitivity I△n(mA): 10,30,100
- Rated current:6,10,16,20,25,32,40
- Tripping curve: B,C
- Frame level: 40A
- Design code
- Breaking Capacity 6kA
- Design code
- Company code

3.Specifications





4.Wiring Diagram

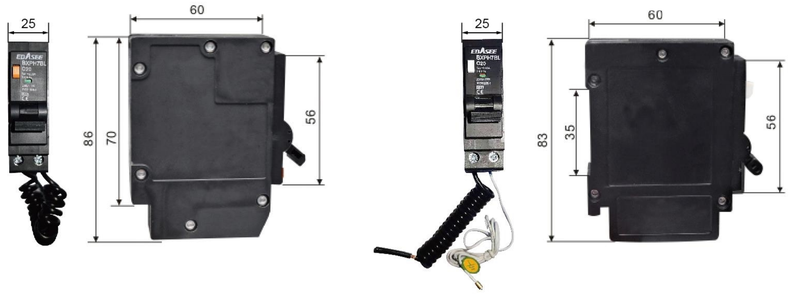


5.Technical parameter

Type	Standard		IEC/EN 61009-1
Electrical features	Mode		Electronic type
	Type(wave form of the earth leakage sensed)		A, AC
	Thermal-magnetic release characteristic		B, C
	Rated current In	A	6, 10, 16, 20, 25, 32, 40
	Poles	P	1P+N
	Rated voltage Ue	V	110/220, 120/240
	Rated sensitivity IΔn	mA	10, 30, 100
	Rated residual making and breaking capacity IΔm	A	500
	Rated short-circuit capacity Icn	A	6000
	Break time under IΔn	S	≤0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50) Uimp	V	4000
	Dielectric test voltage at ind.Freq for 1min	kV	2
	Insulation voltage Ui		500
	Pollution degree		2
Mechanical features	Electrical life	t	4000
	Mechanical life	t	4000
	Contact position indicator		YES
	Protection degree		IP20
	Ambient temperature(with daily average≤35℃)	℃	-5~+40(Special application please refer to temperature compensation correction)
	Storage temperature	℃	-25~+70
Installation	Terminal connection type		Cable/U-type busbar/Pin-type busbar
	Terminal size top/bottom for cable	mm²	16
		AWG	18-5
	Terminal size top/bottom for busbar	mm²	16
		AWG	18-5
	Tightening torque	N*m	2
		In-lbs	18-5
	Connection		From top
	Mounting		Plug-in type

M

6.Dimensions



7.Order Note

Following items should be marked when ordering	Ordering sample
Product name, model & frame level Rated current and Rated residual current Tripping curve Quantity	To order the BXPH7BL RCBO, frame level 40A, rated current is 32A, tripping curve is C, rated residual current 30mA, with earth wire protection, and quantity is 100 pieces, should be marked: RCBO BXPH7BL-40/C32/30, with earth wire protection, 100pcs.