



Ref. Certif. No.

FR_720789

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
MCB

Name and address of the applicant

ZHEJIANG ETEK ELECTRICAL TECHNOLOGY CO., LTD
NO.288 Wei 17th Road, Yueqing Economic Development Zone
Yueqing, Wenzhou, Zhejiang Province - CHINA

Name and address of the manufacturer

ZHEJIANG CHANGAN ELECTRICAL ENGINEERING CO.,LTD.
NO.288 Wei 17th Road, Yueqing Economic Development Zone,
Yueqing, Wenzhou, Zhejiang Province - CHINA

Name and address of the factory

ZHEJIANG CHANGAN ELECTRICAL ENGINEERING CO.,LTD.
NO.288 Wei 17th Road, Yueqing Economic Development Zone,
Yueqing, Wenzhou, Zhejiang Province - CHINA

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

☐ Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

EKM12-63X, EKM12-63S

Additional information (if necessary may also be reported on page 2)

☐ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60898-1:2015 +A1:2019

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

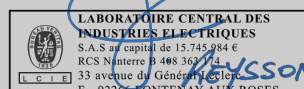
B240160

This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 03/01/2025



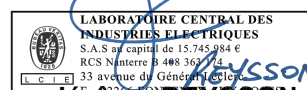
Signature: **Jérôme REYSSON**
Certification Officer

ANNEX

Rated operational voltage U_e : (V)	AC230/400V, AC240/415V (1P), AC400/415V(2P,3P,4P)
Rated current I_n : (A)	1A,2A,3A,4A,6A,8A,10A,13A,16A,20A,25A,32A,40A,50A and 63A
Rated frequency : (Hz)	50/60Hz
Nature of supply :	~
Total number of poles :	1P,2P,3P,4P
Number of protected poles :	1P,2P,3P,4P
Rated insulation voltage U_i : (V)	500V
Rated impulse withstand voltage U_{imp} : (V)	4000V
Instantaneous tripping current :	B, C, D
Reference ambient calibration air temperature : (°C)	30 (-25 ~ +55 °C)
Rated short-circuit capacity I_{cn} : (A)	4500A,6000A
Rated making and breaking capacity on one pole separately I_{cn1} : (A)	4500A,6000A
Energy limiting class I^2t :	1
Grid distance (short-circuit tests) :	50mm
Protection against external influences :	Enclosed
Protection degree :	IP20
Material group :	IIIa
Method of mounting :	On rail
Method of electrical connection	
not associated with the mechanical-mounting	
Type of terminals :	Pillar terminal
Nominal diameter of thread : (mm)	4,9 mm
Operating means :	Lever



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