



Ref. Certif. No.

FR\_709050

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

**ZHEJIANG ETEK Electrical technology CO.,LTD**  
NO.288 Wei17th Road, Yueqing Economic Development Zone  
Yueqing, Wenzhou, Zheijang Province - CHINA

Name and address of the manufacturer

**Hangzhou Taimu Electrical Co., Ltd.**  
No. 157 Longchuanwu Rd., Qianjiang Economic Development  
Area, 311100 Hangzhou, Zhejiang - CHINA

Name and address of the factory

**Hangzhou Taimu Electrical Co., Ltd.**  
No. 157 Longchuanwu Rd., Qianjiang Economic Development  
Area, 311100 Hangzhou, Zhejiang - 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)

**ETEK**

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

EKM2-32N  
See Annex

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(ed.2)

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

B200045

This CB Test Certificate is issued by the National Certification Body




LCIE – Laboratoire Central des Industries Electriques  
33, avenue du Général Leclerc – BP8  
FR 92 266 Fontenay aux Roses Cedex  
[www.lcie.fr](http://www.lcie.fr)

Date: 22/07/2020



LABORATOIRE CENTRAL DES  
INDUSTRIES ELECTRIQUES  
S.A.S au capital de 15.745.984 €  
RCS Nanterre B 408 363 174  
33 avenue du Général Leclerc  
F - 92266 FONTENAY AUX ROSES

Signature:   
Julien Gauthier  
Certification Officer

## ANNEX

### References, ratings and main characteristics:

#### Enclosure Type 2 Icn1=Icn=Ics=6000A 1P+N (neutral on left)

	Type B	Type C	Type D
1A	01B4	01C4	01D4
2A	02B4	02C4	02D4
3A	03B4	03C4	03D4
4A	04B4	04C4	04D4
6A	06B4	06C4	06D4
10A	10B4	10C4	10D4
16A	16B4	16C4	16D4
20A	20B4	20C4	20D4
25A	25B4	25C4	25D4
32A	32B4	32C4	32D4

#### Enclosure Type 2 Icn1=Icn=10000A;Ics=7500A 1P+N (neutral on left)

	Type B	Type C	Type D
1A	01B6	01C6	01D6
2A	02B6	02C6	02D6
3A	03B6	03C6	03D6
4A	04B6	04C6	04D6
6A	06B6	06C6	06D6
10A	10B6	10C6	10D6
16A	16B6	16C6	16D6
20A	20B6	20C6	20D6
25A	25B6	25C6	25D6
32A	32B6	32C6	32D6



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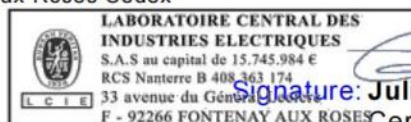
Signature: *Julien Gauthier*  
Certification Officer

Date: 23/07/2020

Rated operational voltage $U_e$ : (V)	230V~(1P+N)
Rated current $I_n$ : (A)	1;2;3;4;6;10;16;20;25;32A
Rated frequency : (Hz)	50/60Hz
Nature of supply :	~
Total number of poles :	1P+N
Number of protected poles :	1P
Rated insulation voltage $U_i$ : (V)	500V
Rated impulse withstand voltage $U_{imp}$ : (V)	4000V
Instantaneous tripping current :	D; C and B
Reference ambient calibration air temperature : ( $^{\circ}$ C)	30
Rated short-circuit capacity $I_{cn}$ : (A)	6000A and 10000A
Rated making and breaking capacity on one pole separately $I_{cn1}$ : (A)	Same as $I_{cn}$
Energy limiting class $I^2t$ :	3
Grid distance (short-circuit tests) :	45mm
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)	3,9mm
Operating means :	Lever



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