

IEC

IECEE

®

TM

Ref. Certif. No.

CN56766

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

CB TEST CERTIFICATE

Product

Molded Case Circuit Breaker

Name and address of the applicant

Zhejiang Tengen Electric Co.,Ltd.
Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province,
P.R.China

Name and address of the manufacturer

Zhejiang Tengen Electric Co.,Ltd.
Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province,
P.R.China

Name and address of the factory

Zhejiang Tengen Electric Co.,Ltd.
No.288 Central Avenue, Development Zone, Yueqing City, Zhejiang
Province, P.R.China

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

Ratings and principal characteristics

See the attachment

Trademark / Brand (if any)

/

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

TGM1NE-1250M,TGM1NE-1250H,TGMKE-1250M,TGMKE-1250H
TGMGE-1250M,TGMGE-1250H,TGMHE-1250M,TGMHE-1250HAdditional information (if necessary may also be
reported on page 2)A sample of the product was tested and found
to be in conformity with

IEC 60947-2:2016/AMD1:2019;IEC 60947-2:2016(5th Edition)

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

03601-A-21CB0150-S

This CB Test Certificate is issued by the National Certification Body

CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188 Nansihuan Xilu, Beijing 100070 P. R. China

Tel: +86-10-83886666 Fax: +86-10-83886282

website: <http://www.cqc.com.cn>

Date:

May.10,2022

Signature:

谢肇煦

Xie ZhaoXu



CB 0068808

TGM1NE-1250M,TGM1NE-1250H,TGMKE-1250M,TGMKE-1250H
 TGMGE-1250M,TGMGE-1250H,TGMHE-1250M,TGMHE-1250H
 Ui: 1000V;Uimp:12kV;
 Ue: AC380/400/415V,AC500/550V,AC660/690V;
 In: 800A(Ir:315A~800A adjustable +OFF),1000A(Ir:400A~1000A adjustable +OFF),
 1250A(Ir:500A~1250A adjustable +OFF)
 Over-current release type: electronic;
 Ics:AC380/400/415V: type M:70kA; type H:70kA;
 AC500/550V: type M:30kA; type H:40kA;
 AC660/690V: type M:20kA; type H:20kA;
 Icu:AC380/400/415V: type M:70kA; type H:100kA;
 AC500/550V: type M:40kA; type H:50kA;
 AC660/690V: type M:20kA; type H:30kA;
 Icw:AC380/400/415V,AC500/550V,AC660/690V: type M:20kA/1s; type H:20kA/1s;
 Selectivity category: B;
 Rated frequency:50/60Hz;
 3P(3 protected poles, suitable for isolation);
 3P+N/ Type A (3 protected poles with an uninterrupted neutral pole, not suitable for isolation);
 4P / Type B (3 protected poles with a switched neutral pole, suitable for isolation);
 4P / Type C (4 protected poles with a switched neutral pole, suitable for isolation);
 3P+N/ Type D (4 protected poles with an uninterrupted neutral pole, not suitable for isolation);
 Auxiliary contacts:
 Auxiliary contacts OF-M, alarm contacts SD-M; 1NO1NC,2NO2NC,4NO4NC;
 Ith: 6A;Ui:690V;Uimp:4kV;
 AC-15: Ue/Ie: AC380/400/415V/1A;
 DC-13: Ue/Ie: DC110/220/250V/0.15A;
 Electronic Accessories with appendix N:
 Undervoltage release: Us: AC220/230V/240V,AC380/400/415V,50Hz/60Hz;
 Motor operation mechanism: Us: AC220V/230V/240V,AC380V/400/415V,50Hz/60Hz;
 Non-tripping accessory with overload alarm: Us:
 AC220/230/240V,AC380/400/415V,50Hz/60Hz;DC24V;
 Communication module (electronic shunt release accessory):
 Us: AC220/230/240V,AC380/400/415V,50Hz/60Hz;DC24V

Page 1 of 5

Additional information (if necessary)

Date:

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Type Explanation:

TG	M	☐	E	-	☐	☐	☐	/	☐	☐	☐	☐	☐	☐	☐	☐
(1)	(2)	(3)	(4)		(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)

- (1) Company code
- (2) MCCB
- (3) Design code (see remark 1)
- (4) Type of release:Electronic
- (5) Rated current of frame size(A) (see remark 2)
- (6) Short-circuit breaking capacity level (see remark 3)
- (7) Method of operation (see remark 4)
- (8) Number of poles (see remark 5)
- (9) Type of release (see remark 6)
- (10) Type of accessory (see remark 7)
- (11) Protection code (see remark 8)
- (12) N Pole Code for 3N,4P product (see remark 9)
- (13) Prepayment code (see remark 10)
- (14) Overload alarm no trip code (see remark 11)
- (15) Controller function code (see remark 12)
- (16) Method of Installation (see remark 13)

Page 2 of 5

Additional information (if necessary)

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May.10,2022

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Design code (remark 1)	Explanation	Code	Design code (remark 2)	Explanation	Code
	Distribution Channels	1N		1250AF	1250
	Industrial and Civil Engineering Channels	K			
	Industrial Control Channels	G			
	Hardware Electric and Chemical Channels	H			
Short-circuit breaking capacity level (remark 3)	Explanation	Code	Method of operation (remark 4)	Explanation	Code
	Mediate	M		Manual	Blank
	High	H		Rotating handle	Z
				Motor operators	P
Number of poles (remark 5)	Explanation	Code	Type of release (remark 6)	Explanation	Code
	Three poles	3		Electronic	3
	Three poles four line	3N			
	Four poles	4			

Page 3 of 5

Additional information (if necessary)

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Type of accessory (remark 7)	Explanation	Code
	Blank	00
	Alarm contact	08
	Shunt release	10
	Auxiliary contact	20
	Under voltage release	30
	Shunt release+Auxiliary contact	40
	Shunt release+Under voltage release	50
	2 Auxiliary contacts	60
	Under voltage release+Auxiliary contact	70
	Shunt release+Alarm contact	18
	Auxiliary contact+Alarm contact	28
	Under voltage release+Alarm contact 头	38
	Shunt release+Auxiliary contact+Alarm contact	48
	2 Auxiliary contacts+Alarm contact	68
	Under voltage release+Auxiliary contact+Alarm contact	78

Protection code (remark 8)			Prepayment code (remark 10)		
	Explanation	Code		Explanation	Code
	Distribution Protection	Blank		Without prepayment	Blank
N Pole Code for 3N,4P product (remark 9)					
	Explanation			Code	
	An uninterrupted neutral pole without over current release			A	
	A switched neutral pole without over current release			B	
	A switched neutral pole with over current release			C	
	An uninterrupted neutral pole with over current release			D	

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Overload
alarm no
trip code
(remark 11)

Explanation	Code
Without overload alarm no trip accessory	Blank
With overload alarm no trip accessory	III

Contro
ller
functio
n code
(remark
12)

Explanation	Code
4 knobs	Blank
5 knobs(neutral pole protection type)	E1
No knob(communication type)	E2
5 knobs(Earth protection type)	E3

Method
of
Installatio
n (remark
13)

Explanation	Code
Fixed(in front of board)	Blank

Page 5 of 5

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