



CHINA QUALITY CERTIFICATION CENTRE CERTIFICATE OF CONFORMITY

Certificate No.: CE220303007652

Product

Molded Case Circuit Breaker

Applicant

Zhejiang Tengen Electric Co.,Ltd.

Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang
Province, P.R.China

Type/Model

TGM1NE-1250M,TGM1NE-1250H,TGMKE-1250M,TGM
KE-1250H

TGMGE-1250M,TGMGE-1250H,TGMHE-1250M,TGMHE
-1250H

Technical data

See the attachment

This is to certify that, on the basis of the tests undertaken as per Report No.
03601-A-21D0099-S, the submitted sample(s) of the above item complies with:

EN 60947-2:2017/A1:2020;EN 60947-2:2017

and fulfills testing requirements of the European Directive:

2014/35/EU

This report is to verify the compliance of the sample submitted by the manufacturer only,
and does not include the manufacturing process. Users shall affix the mark in accordance
with the related legislation.

Valid from: May.11,2022

Valid until: May.10,2025

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

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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:



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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.

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)



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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			



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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+Auxiliarycontact+Alarm contact	48
	2 Auxiliary contacts+Alarm contact	68
	Under voltage release+Auxiliary contact+Alarm contact	78

Protection code (remark 8)	Explanation	Code	Prepayment code (remark 10)	Explanation	Code
	Distribution Protection	Blank		Without prepayment	Blank



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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		
Overload alarm no trip code (remark 11)	Explanation	Code	Contro ller functio n code (remark 12)	Explanation	Code
	Without overload alarm no trip accessory	Blank		4 knobs	Blank
	With overload alarm no trip accessory	III		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			



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