



# CHINA QUALITY CERTIFICATION CENTRE CERTIFICATE OF CONFORMITY

Certificate No.: CE220303007544

**Product**

Molded Case Circuit Breaker

**Applicant**

Zhejiang Tengen Smart Electrics Co.,Ltd.

No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing,  
Zhejiang Province, P.R.China

**Type/Model**

TGM1NE-400M,TGM1NE-400H,TGMKE-400M,TGMKE-400H,TGMGE-400M,TGMGE-400H,TGMHE-400M,TGMHE-400H,TGM1NE-630M,TGM1NE-630H,TGMKE-630M,TGMKE-630H,TGMGE-630M,TGMGE-630H,TGMHE-630M,TGMHE-630H;

**Technical data**

See the Appendix

This is to certify that, on the basis of the tests undertaken as per Report No. 03601-A-21D0102-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:** Jan.18,2022

**Valid until:** Jan.18,2025

The certificate information is available through the QR code below or CNCA's website: [www.cnca.gov.cn](http://www.cnca.gov.cn)



SIGNATURE:

谢肇煦



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TGM1NE-400M,TGM1NE-400H,TGMKE-400M,TGMKE-400H,TGMGE-400M,TGMGE-400H,TGMHE-400M,TGMHE-400H,TGM1NE-630M,TGM1NE-630H,TGMKE-630M,TGMKE-630H,TGMGE-630M,TGMGE-630H,TGMHE-630M,TGMHE-630H;

Ui: 1000V;Uimp:12kV;

Ue: AC380/400/415V,AC500/550V,AC660/690V;

TGM1NE-400M,TGM1NE-400H,TGMKE-400M,TGMKE-400H,TGMGE-400M,TGMGE-400H,TGMHE-400M,TGMHE-400H : In: 300A (Ir: 120A~300A adjustable+OFF), 315A (Ir: 125A~315A adjustable +OFF), 400A (Ir: 160A~400A adjustable +OFF);

TGM1NE-630M,TGM1NE-630H;

TGMKE-630M,TGMKE-630H,TGMGE-630M,TGMGE-630H,TGMHE-630M,TGMHE-630H:  
In: 400A (Ir: 160A~400A adjustable +OFF),

500A (Ir: 200A~500A adjustable +OFF), 630A (Ir: 250A~630A adjustable +OFF);

Overcurrent release type: electronic;

TGM1NE-400M,TGM1NE-400H,TGMKE-400M,TGMKE-400H,TGMGE-400M,TGMGE-400H,TGMHE-400M,TGMHE-400H:

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 type: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:6kA/1s; type H:6kA/1s;

TGM1NE-630M,TGM1NE-630H,TGMKE-630M,TGMKE-630H,TGMGE-630M,TGMGE-630H,TGMHE-630M,TGMHE-630H:

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;



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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:8kA/1s; type H:8kA/1s;

Selective category: B;50/60Hz;

Number of pole: 3P (3 protective poles, suitable for isolation);

3P+N /A type (3 protective poles, N pole opens all the time, not suitable for isolation);

4P /B type (3 protective poles, N pole can be opened and closed, suitable for isolation);

4P /C type (4 protective poles, N pole can be opened and closed, suitable for isolation);

3P+N /D type (4 protective poles, N pole opens all the time, not suitable for isolation);

Equipped auxiliary contact: OF-M, alarm contact: SD-M; 1NO1NC,2NO2NC,4NO4NC;

Ith: 6 A;Ui:690V;Uimp:4kV;

AC-15: Ue/Ie: AC380/400/415V/1A;

DC-13: Ue/Ie: DC110/220/250V/0.15A

Electronic accessories complying with Annex N:

Under voltage release: Us: AC220/230V/240V,AC380/400/415V,50Hz/60Hz;

Motor operators: Us: AC220V/230V/240V,AC380V/400/415V,50Hz/60Hz;

Shunt release with prepayment: Us: AC220/AC230/240V,50Hz/60Hz;

Overload alarm no trip accessory:

Us: AC220/AC230/240V,AC380/400/415V,50Hz/60Hz;DC24V;

Communication module (shunt release + alarm contact):

Us: AC220/AC230/240V,AC380/400/415V,50Hz/60Hz;DC24V.



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