



CHINA QUALITY CERTIFICATION CENTRE CERTIFICATE OF CONFORMITY

Certificate No.: CE220303007541

Product

Molded Case Circuit Breaker (MCCB)

Applicant

Zhejiang Tengen Smart Electrics Co.,Ltd.

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

Type/Model

TGM1NE-100M,TGM1NE-100H,TGMKE-100M,TGMKE-100H,
TGMGE-100M,TGMGE-100H,TGMHE-100M,TGMHE-100H;
TGM1NE-125M,TGM1NE-125H,TGMKE-125M,TGMKE-125H,
TGMGE-125M,TGMGE-125H,TGMHE-125M,TGMHE-125H;
TGM1NE-160M,TGM1NE-160H,TGMKE-160M,TGMKE-160H,
TGMGE-160M,TGMGE-160H,TGMHE-160M,TGMHE-160H

Technical data

See the attachment for detailed parameters

This is to certify that, on the basis of the tests undertaken as per Report No.
(2021)FQIIDQCE-0232, the submitted sample(s) of the above item complies with:

EN 60947-2:2017/A1:2020

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.13,2022

Valid until: Jan.13,2025

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



SIGNATURE:

谢肇煦



CHINA QUALITY CERTIFICATION CENTRE



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

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

Tel: +86 10 83886666

CE 0012739



CHINA QUALITY CERTIFICATION CENTRE CERTIFICATE OF CONFORMITY

Appendix

Page 1 of 3

Certificate No.: CE220303007541

TGM1NE-100M,TGM1NE-100H,TGMKE-100M,TGMKE-100H,
TGMGE-100M,TGMGE-100H,TGMHE-100M,TGMHE-100H;
TGM1NE-125M,TGM1NE-125H,TGMKE-125M,TGMKE-125H,
TGMGE-125M,TGMGE-125H,TGMHE-125M,TGMHE-125H;
TGM1NE-160M,TGM1NE-160H,TGMKE-160M,TGMKE-160H,
TGMGE-160M,TGMGE-160H,TGMHE-160M,TGMHE-160H

Uimp:8kV; Ui:1000V; Ue:AC380/400/415V, AC500/550V, AC660/690V;50/60Hz;Type of over-current release: Electronic;

TGM1NE-100M,TGM1NE-100H,TGMKE-100M,TGMKE-100H,
TGMGE-100M,TGMGE-100H,TGMHE-100M,TGMHE-100H:

In:32A(Ir:12.5A-32A adjustable+OFF),63A(Ir:25A-63A adjustable+OFF) ,100A(Ir:40A-100A adjustable+OFF);

TGM1NE-125M,TGM1NE-125H,TGMKE-125M,TGMKE-125H,
TGMGE-125M,TGMGE-125H,TGMHE-125M,TGMHE-125H:

In:32A(Ir:12.5A-32A adjustable+OFF),63A(Ir:25A-63A adjustable+OFF) ,125A(Ir:50A-125A adjustable+OFF);

Type M:

Ics:50kA,Icu:50 kA,Icw:2 kA /1s(AC380/400/415V),

Ics:30kA,Icu:30 kA,Icw:2 kA /1s(AC500/550V),

Ics:10kA,Icu:10 kA,Icw:2 kA /1s(AC660/690V);

Type H:

Ics:50kA,Icu:85 kA,Icw:2 kA /1s(AC380/400/415V),

Ics:40kA,Icu:40 kA,Icw:2 kA /1s(AC500/550V),

Ics:10kA,Icu:20 kA,Icw:2 kA /1s(AC660/690V);

TGM1NE-160M,TGM1NE-160H,TGMKE-160M,TGMKE-160H,
TGMGE-160M,TGMGE-160H,TGMHE-160M,TGMHE-160H:



CHINA QUALITY CERTIFICATION CENTRE





CHINA QUALITY CERTIFICATION CENTRE CERTIFICATE OF CONFORMITY

Appendix

Page 2 of 3

Certificate No.: CE220303007541

In:32A(Ir:12.5A-32A adjustable+OFF),63A(Ir:25A-63A adjustable+OFF) ,125A(Ir:50A-125A adjustable+OFF) ,160A(Ir:63A-160A adjustable+OFF);

Type M:

Ics:50kA,Icu:50 kA,Icw:2.5 kA /1s(AC380/400/415V),

Ics:30kA,Icu:30 kA,Icw:2.5 kA /1s(AC500/550V),

Ics:10kA,Icu:10 kA,Icw:2.5 kA /1s(AC660/690V);

Type H:

Ics:50kA,Icu:85 kA,Icw:2.5 kA /1s(AC380/400/415V),

Ics:40kA,Icu:40 kA,Icw:2.5 kA /1s(AC500/550V),

Ics:10kA,Icu:20 kA,Icw:2.5 kA /1s(AC660/690V);

Selectivity category:A;

3P,

3P+N(3 protected poles with an uninterrupted neutral pole),

4P(3 protected poles with a switched neutral pole),

4P;

3P 4P: suitable for isolation; 3P+N: not suitable for isolation;

Matching auxiliary contact:OF-M1/M2/M3,Uimp:4kV,Ui:690V;

OF-M1/M2:Ith:3A,

AC-15:AC380/400/415V/0.3A,DC-13:DC110/220/250V/0.15A;

OF-M3:Ith:6A,

AC-15:AC380/400/415V/1A,DC-13:DC110/220/250V/0.15A;

Alarm contact:SD-M1/M2/M3, Uimp:4kV,Ui:690V;

SD-M1/M2:Ith:3A,

AC-15:AC380/400/415V/0.3A,DC-13:DC110/220/250V/0.15A;

SD-M3:Ith:6A,

AC-15:AC380/400/415V/1A,DC-13:DC110/220/250V/0.15A;



CHINA QUALITY CERTIFICATION CENTRE





CHINA QUALITY CERTIFICATION CENTRE CERTIFICATE OF CONFORMITY

Appendix

Page 3 of 3

Certificate No.: CE220303007541

Electronic accessory complying with annex N:

Motor-operators: Uimp:4kV;Ui:690V;

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

Shunt release with prepayment:Uimp:4kV;Ui:690V;

Us: AC220/230/240V,50/60Hz;

Undervoltage release: Uimp:4kV;Ui:800V;

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

Electronic shunt alarm accessory:Uimp:4kV;Ui:690V

Us:AC220/230/240V,AC380/400/415V,50/60Hz;DC24V

Overload alarm no trip accessory:

Us:AC220/230/240V,AC380/400/415V,50/60Hz;DC24V



CHINA QUALITY CERTIFICATION CENTRE

