

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 Smart Electrics Co.,Ltd.
No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing,
Zhejiang Province, P.R.China

Name and address of the manufacturer

Zhejiang Tengen Smart Electrics Co.,Ltd.
No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing,
Zhejiang Province, P.R.China

Name and address of the factory

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

Zhejiang Tengen Smart Electrics Co.,Ltd.
No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing,
Zhejiang Province, P.R.China

Ratings and principal characteristics

See the Appendix

Trademark / Brand (if any)

TENGEN

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

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;

Additional 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

(2021)FQIIDQ-0768

This CB Test Certificate is issued by the National Certification Body

CHINA QUALITY CERTIFICATION CENTRE

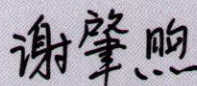
Section 9, No. 188 Nansihuan Xilu, Beijing 100070 P. R. China

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

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

Date: Dec.16,2021

Signature:



Xie ZhaoXu

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:

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),

Page 1 of 3

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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;

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

Page 2 of 3

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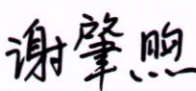
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Electronic shunt alarm accessory:Uimp:4kV;Ui:690V
Us:AC220/230/240V,AC380/400/415V,50/60Hz;DC24V
Overload alarm no trip accessory:
Us:AC220/230/240V,AC380/400/415V,50/60Hz;DC24V

Page 3 of 3

Additional information (if necessary)

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