



Ref. Certif. No.

CN46038

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

CB TEST CERTIFICATE

Product

Moulded Case Circuit-breakers

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 Appendix

Trademark (if any)

TENGEN

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

TGM3E-160M, TGM3E-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(5th Edition)

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

00901-CB2018CQC-083291

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
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Date: Feb.15,2019

Signature:

Lu Mei

CB 0050697

TGM3E-160M, TGM3E-160H

Ui:1000V;

Uimp:8kV;

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

In: 63A(25A~63A adjustable), 125A(50A~125A adjustable), 160A(63A~160A adjustable);

Electronic;

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

Ics=50kA(H), Icu =85kA(H type), Icw=2.5kA/1s(H type) ;

AC660/690V: Ics=10kA(M type), Icu =10kA(M type);

Ics=10kA(H type), Icu =20kA(H type);

50/60Hz;

Selectivity category: A;

Suitable for insulation(except for 3P+N);

IP20;

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

Auxiliary contacts(OF-M) and alarm contacts(SD-M):

1NO1NC,2NO2NC,4NO4NC

Ith: 3A;

AC-15: Ue/Ie: AC380/400/415V/0.3A;

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

Accessories with electronic circuits :

Undervoltage release QT: AC220/230V, AC380/400V ;

Motor operator CD2: AC220/230V, AC380/400V ;

Shunt release for prepayment meter FT: AC220V;


Shunt release for alarm accessory: AC220V,DC24V;

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Additional information (if necessary)

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Signature:



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