



Ref. Certif. No.

CN48612

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

CB TEST CERTIFICATE

Product

Circuit-breaker Incorporating Residual Current Protective

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.

TGM...-125,TGM...-160;

Additional information (if necessary may also be
reported on page 2)

IEC 60947-2:2016(5th Edition)

A sample of the product was tested and found
to be in conformity with

03601-A-19CB0046-S

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

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: Oct.28,2019

Signature:

Lu Mei

CB 0053578

TGM...-125,TGM...-160

Ue: AC220/230/240V(2P,1P+N),AC380/400/415V(3P,3P+N,4P);

Ui: 690V(2P,1P+N);800V(3P,3P+N,4P); Uimp:8kV;

Over-current release type: thermal magnetic, electro-magnetic;

In: 125AF:16/20/25/30/32/40/50/60/63/65/70/75/80/90/100/110/125A;

160AF:16/20/25/30/32/40/50/60/63/70/75/80/100/125/140/150/160A;

Ics:18kA(Type C),26kA(Type L),36kA(Type M);

Icu:25kA(Type C),35kA(Type L),50kA(Type M);

Residual current release type: electronic type;

I Δ n:30mA (only

non-time-delayed)/50mA/75mA/100mA/150mA/200mA/300mA/400mA/500mA/

600mA/800mA/1000mA, adjustable or fixed;

Rated residual operating type: Type A / Type AC; Rated frequency:50/60Hz; Trip

Class:10;

I Δ m:25%Icu; Selectivity Category:A; Suitable for isolation (except 1P+N,3P+N);

Pole:1P+N(1 protected pole with an uninterrupted neutral pole),

2P,3P,3P+N(3P+N(Type A: 3 protected poles with an uninterrupted neutral pole; Type D: 4

protected poles with an uninterrupted neutral pole),

4P(Type B: 3 protected poles with a switched neutral pole; Type C: 4 protected poles with

a switched neutral pole);

Auxiliary contact: (Certification No.:2016010304928784)

OF-M:1NO1NC,2NO2NC,4NO4NC:

Ith:3A; Ui: 690V; Uimp:4kV;

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

Electronic accessories conforming to the annex N:

Undervoltage release Us:AC220/230/240V,AC380/400/415V;

Electric Operator Us:AC220/230/240V,AC380/400/415V;

Alarm but no tripping code Us:DC24V,AC220/230/240V,AC380/400/415V.

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Additional information (if necessary)

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