



Ref. Certif. No.

CN47519

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.

TGM1N-320L/M/H/R, TGM1N-250L/M/H/R

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

IEC 60947-2:2006(4th Edition) + AMD 1:2009 + AMD 2:2013

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

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

00901-CB2017CQC-075291

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: Jul.22,2019

Signature:

Lu Mei

CB 0050958

TGM1N-320L/M/H/R, TGM1N-250L/M/H/R

Uimp:8kV

Ui:1000V

Ue:AC230/240V(2P), AC380/400/415V(3P,3P+N,4P), AC660/690V(3P,3P+N,4P)

In:

TGM1N-250L/M/H/R: 100A,125A,140A,150A,160A,170A,180A,200A,225A,250A;

TGM1N-320L/M/H/R:100A,125A,140A,150A,160A,170A,180A,200A,225A,250A,270A,280A,
300A,315A,320A;

Over-current release: thermal-magnetic

Ics: AC230/240V:35kA(Type L),50kA(Type M);

AC380/400/415V:25kA(Type L),35kA(Type M),50kA(Type H),65kA(Type R);

AC660/690V:8kA(Type L),8kA(Type M),10kA(Type H),10kA(Type R);

Icu: AC230/240V:50kA(Type L),70kA(Type M);

AC380/400/415V:35kA(Type L),50kA(Type M),70kA(Type H),85kA(Type R);

AC660/690V:10kA(Type L),10kA(Type M),10kA(Type H),20kA(Type R);

Selectivity category: A

50/60Hz

Poles:2P(only L/M Type), 3P,3P+N,4P

IP20

Suitable for insulation(except for 3P+N)

Auxiliary contact OF-M, Alarm contact SD-M (1NO1NC,2NO2NC,4NO4NC):

Ui:690V;

Ith: 3A;

Ue/Ie:

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

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

Accessories with electronic circuits:

Undervoltage release(QT): AC220/230/240V,AC380/400/415V;

Shunt release(FT): AC220/230/240V,AC380/400/415V;

Motor operator (CD2): AC220/230/240V,AC380/400/415V;

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Additional information (if necessary)

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