



Ref. Certif. No.

CN48417

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.

TGM1NL...-630L,TGM1NL...-630M,TGMKL...-630L,
TGMKL...-630M,TGMGL...-630L,
TGMGL...-630M,TGMHL...-630L, TGMHL...-630M,
TGM1NL...-800L,TGM1NL...-800M,TGMKL...-800L,
TGMKL...-800M,TGMGL...-800L,TGMGL...-800M,TGMHL...-800L,
TGMHL...-800M ;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-CB2019CQC-087403

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.10,2019

Signature:

Lu Mei

CB 0054162

TGM1NL...-630L,TGM1NL...-630M,TGMKL...-630L, TGMKL...-630M,TGMGL...-630L,
TGMGL...-630M,TGMHL...-630L, TGMHL...-630M,TGM1NL...-800L,TGM1NL...-800M,
TGMKL...-800L,TGMKL...-800M,TGMGL...-800L,TGMGL...-800M,TGMHL...-800L,TGMHL...
-800M ;

Uimp:8kV;Ui:800V;

Ue: AC380/400/415V

In: 400/450/500/550/630A (TGM1NL...-630L,TGM1NL... -630M, TGMKL...-630L,TGMKL...
-630M TGMGL... -630L,TGMGL... -630M,TGMHL... -630L,TGMHL...-630M),
400/450/500/550/630/700/800A(TGM1NL...-800L,TGM1NL... -800M,TGMKL... -800L,
TGMKL...-800L,TGMKL... -800M,TGMGL... -800L,TGMGL...
-800M,TGMHL...-800L,TGMHL... -800M)

Type of Over-current Release:Thermo-magnetic, Electro-magnetic;

Type L:Icu=50kA ,Ics=36kA;

Type M:Icu=75kA ,Ics=50kA;

IΔn:50/75/100/150/200/300/400/500/600/800/1000mA(Grading adjustment or fixed first
gear)

Residual current operation Type: Type AC, Type A;

Residual current Release Type: Electronic;

IΔm: 25%Icu;

Selectivity category:A;

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

IP20;

suitable for insulation(except 3P+N);50/60Hz;

Auxiliary contacts:OF-M3 , Alarm contacts: SD-M3:1NO1NC,2NO2NC,4NO4NC;

(Certification.:2016010304928784)

Ith:6A;

AC-15:AC380/400/415V/1A;

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

Accessories with electronic circuits:

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Additional information (if necessary)

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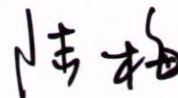
Undervoltage release:QT:Us: AC220/230/240V,AC380/400/415V,50/60Hz;
Motor operator:CD2:Us:AC220/230/240V,AC380/400/415V,50/60Hz;
Alarm but no tripping: Us:DC24V,AC220/230/240V,AC380/400/415V,50/60Hz.

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