



Ref. Certif. No.

CN46061

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

CB TEST CERTIFICATE

Product

Circuit-breakers Incorporating Residual Current Protection

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.

TGM3L-125L, TGM3L-125M, TGM3L-125H

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

(2018)FQIIDQ-0621

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: Feb.21,2019

Signature:

Lu Mei

CB 0050741

TGM3L-125L, TGM3L-125M, TGM3L-125H;  
 $U_{imp}$ :8kV; $U_i$ :800V; $U_e$ :AC400V;  
 $I_n$ :16A,20A,25A,32A,40A,50A,63A,80A,100A,125A;  
 Type of over-current release: Thermo-magnetic,electro-magnetic;  
 TGM3L-125L: $I_{cs}$ :26kA, $I_{cu}$ :35kA,  
 TGM3L-125M:  $I_{cs}$ :50kA, $I_{cu}$ :50kA,  
 TGM3L-125H: $I_{cs}$ :50kA, $I_{cu}$ :65kA;  
 $I\Delta n$ : 30mA(without time-delayed type)/50mA/75mA/100mA/150mA/200mA/  
 300mA/400mA/500mA  
 (Optional three by fixed steps or one fixed)/ Type AC;  
 $t\leq 0.2s$ (without time-delayed type),  $\Delta t$ :0.1s/0.2s/0.3s/  
 0.4s/ 0.5s/0.6s/ 0.7s/0.8s(Time-delayed type)(Optional  
 three by fixed steps or one fixed);  
 Type of residual current release:Electronic;  
 $I\Delta m=25\%I_{cu}$ ; Selectivity category:A;  
 3P,3P+N(Type A,3 protected poles with an  
 uninterrupted neutral pole;Type D,3 protected  
 poles with a protected uninterrupted neutral  
 pole),4P(Type B,3 protected poles with a switched  
 neutral pole;Type C,4 protected poles );  
 3P,4P:Suitable for isolation;  
 3P+N:Not suitable for isolation;  
 Matching auxiliary contact FC34-125: 1NO1NC,  
 2NO2NC,4NO4NC; $I_{th}$ :3A;  $U_i$ :690V;  
 AC-15: (380/400)V/0.3A,DC-13:(220/230)V/0.15A;  
 Electronic accessory complying with annex N:  
 Undervoltage release:QT34-125,  
 $U_s$ :AC(220/230)V,AC(380/400)V;  
 Motor-operator: CD2-125,  
 $U_s$ :AC(220/230)V,AC(380/400)V

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Additional information (if necessary)

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