



Ref. Certif. No.

CN46009

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-250L, TGM3L-250M, TGM3L-250H;
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-0602

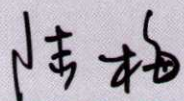
This CB Test Certificate is issued by the National Certification Body

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 0050692

TGM3L-250L, TGM3L-250M, TGM3L-250H;  
U<sub>imp</sub>:8kV;U<sub>i</sub>:800V;U<sub>e</sub>:AC400V;  
I<sub>n</sub>:100A,125A,140A,160A,180A,200A,225A,250A;  
Type of over-current release: Thermo-magnetic,electro-magnetic;  
TGM3L-250L:I<sub>cs</sub>:26kA,I<sub>cu</sub>:35kA,;  
TGM3L-250M: I<sub>cs</sub>:50kA,I<sub>cu</sub>:50kA,  
TGM3L-250H:I<sub>cs</sub>:50kA, I<sub>cu</sub>: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<sub>cu</sub>; 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 FC34-250:  
1NO1NC,2NO2NC,4NO4NC;lth:3A; U<sub>i</sub>:690V; AC-15:(380/400)V/0.3A,DC-13:(220/230)V/0.15A;  
Electronic accessory complying with annex N:  
Undervoltage release:QT34-250,U<sub>s</sub>:AC(220/230)V,AC(380/400)V;  
Motor-operator: CD2-250,U<sub>s</sub>:AC(220/230)V,AC(380/400)V.

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Additional information (if necessary)

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Signature: 

Lu Mei