TEST REPORT
IEC 60947-2
Low-voltage switchgear and controlgear - Part 2: Circuit-breakers

Report Number............................. :	(2019)FQIIDQ-0619
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Name of Testing Laboratory preparing the Report .... :	Fujian Inspection and Research Institute for Product Quality (FQII)
Applicant's name .... :	Zhejiang Tengen Electrics Co.,Ltd.
Address.. :	Sulv Industry Zone, Liushi Town, Yueqing City, Zhejiang Province, P.R.China

Test specification:

Standard .... :	IEC 60947-2:2016
Test procedure............................. :	CB Scheme
Non-standard test method............ :	N/A

Test Report Form No. .... :	IEC60947_2H
Test Report Form(s) Originator.... :	DEKRA Certification B.V.
Master TRF .... :	Dated 2017-04

General disclaimer:

Test item description...................... :	CBR
Trade Mark....................................... :	TENGEN
Manufacturer .... :	Zhejiang Tengen Electrics Co.,Ltd. / Sulv Industry Zone, Liushi Town, Yueqing City, Zhejiang Province, P.R.China

Model/Type reference ....:	TGM3L-800L,TGM3L-800M,TGM3L-800H
Ratings ....:	Uimp:8kV;Ui:800V;Ue:AC400V; In:400A,500A,600A,630A,700A,800A;Type of over-current release: thermo-magnetic,electro-magnetic; Type L:Ics:35kA,Icu:50kA; Type M:Ics:65kA,Icu:65kA; Type H:Ics:65kA,Icu:85kA; I△n:50mA/75mA/100mA/150mA/200mA/300mA/400mA/ 500mA/600mA/800mA/1000mA(Optional three by fixed steps or one fixed)/Type AC, Type of residual current release: Electronic; I△m=25%Icu;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:FC38-400, 1NO1NC,2NO2NC,4NO4NC,Ui:690V;Ith:6A, AC-15:(380~400)V/1A,DC-13:(220~230)V/0.15A; Electronic accessory complying with annex N:Undervoltage release:QT38-400,Us:AC(220/230)V,AC(380/400)V; Motor-operator:CD2-800,Us:AC(220/230)V, AC(380/400)V;

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
☒ **CB Testing Laboratory:**	Fujian Inspection and Research Institute for Product Quality(FQII)	
Testing location/ address ....:	No. 121, Shan Tou Jiao West Yang Qiao Road, Fuzhou, Fujian R.P.China	
Tested by (name, function, signature)........:	Zhang Fan (Engineer)	
Approved by (name, function, signature) ..:	Wei Yunming (Chief Engineer)	
☐ **Testing procedure: CTF Stage 1:**		
Testing location/ address ....:		
Tested by (name, function, signature):		
Approved by (name, function, signature) ..:		
☐ **Testing procedure: CTF Stage 2:**		
Testing location/ address ....:		
Tested by (name + signature)........................:		
Witnessed by (name, function, signature) .:		
Approved by (name, function, signature) ..:		
☐ **Testing procedure: CTF Stage 3:**		
☐ **Testing procedure: CTF Stage 4:**		
Testing location/ address ....:		
Tested by (name, function, signature):		
Witnessed by (name, function, signature) .:		
Approved by (name, function, signature) ..:		
Supervised by (name, function, signature) :		