



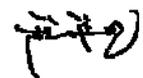
Test Report issued under the responsibility of:



TEST REPORT IEC 60947-2 Low-voltage switchgear and controlgear - Part 2: Circuit-breakers	
Report Number :	(2018)FQIIDQ-0604
Date of issue	2019-01-28
Total number of pages	32
Name of Testing Laboratory preparing the Report	Fujian Inspection and Research Institute of 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
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Test item description :	CBR
Trade Mark :	
Manufacturer	Zhejiang Tengen Electrics Co.,Ltd. / Sulv Industry Zone, Liushi Town, Yueqing City, Zhejiang Province, P.R.China



Model/Type reference	TGM3L-400L, TGM3L-400M, TGM3L-400H
Ratings	<p>U_{imp}:8kV;U_i:800V;U_e:AC400V; I_n:225A,250A,315A,350A,400A; Type of over-current release: Thermo-magnetic, electro-magnetic; TGM3L-400L:I_{cs}:35kA,I_{cu}:50kA, TGM3L-400M:I_{cs}:65kA,I_{cu}:65kA, TGM3L-400H: I_{cs}:65kA,I_{cu}:85kA; I_{Δn}: 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_{Δm}: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 FC38-400: 1NO1NC,2NO2NC,4NO4NC;l_{th}:6A; U_i:690V;AC-15: (380/400)V/1A,DC-13:(220/230)V/0.15A; Electronic accessory complying with annex N: Undervoltage release:QT38-400, U_s:AC(220/230)V,AC(380/400)V; Motor-operator: CD2-400, U_s:AC(220/230)V,AC(380/400)V</p>

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Fujian Inspection and Research Institute for Product Quality(Fujian Quality Inspection and Research Institute)
Testing location/ address		No. 121, Shan Tou Jiao West Yang Qiao Road, Fuzhou, Fujian, China
Tested by (name, function, signature).....:		Cai Gaiyu (Engineer) 
Approved by (name, function, signature) ..:		Wei Yunming (Chief Engineer) 
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
Testing location/ address		
Tested by (name, function, signature):		
Approved by (name, function, signature) ..:		
<input type="checkbox"/>	Testing procedure: CTF Stage 2:	
Testing location/ address		
Tested by (name + signature).....:		
Witnessed by (name, function, signature) .:		
Approved by (name, function, signature) ..:		
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	
<input type="checkbox"/>	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) :		