



Test Report issued under the responsibility of:



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
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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-800L,TGM3L-800M,TGM3L-800H
Ratings	<p>U_{imp}:8kV;U_i:800V;U_e:AC400V; I_n:400A,500A,600A,630A,700A,800A;Type of over-current release: thermo-magnetic,electro-magnetic; Type L:I_{cs}:35kA,I_{cu}:50kA; Type M:I_{cs}:65kA,I_{cu}:65kA; Type H:I_{cs}:65kA,I_{cu}:85kA; IΔn: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; IΔm=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,U_i:690V;I_{th}:6A, 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:CD2-800,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)
Testing location/ address		No. 121, Shan Tou Jiao, West Yang Qiao Road, Fuzhou, Fujian, China
Tested by (name, function, signature).....:		Zhang Fan (Engineer)
Approved by (name, function, signature) ..:		Wei Yunming (1) (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) :		