



Test Report issued under the responsibility of:



TEST REPORT IEC 60947-2 Low-voltage switchgear and controlgear - Part 2: Circuit-breakers	
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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-125L, TGM3L-125M, TGM3L-125H
Ratings	<p>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-magenetic; 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_{Δn}: 30mA(without time-delayed type)/50mA/ 75mA/100mA/150mA/200mA/ 300mA/400mA/500mA (Optional three by fixed steps or one fixed)/ Type AC; t_s≤0.2s(without time-delayed type), Δt: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_{Δn}=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;l_{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</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).....:	Yang Jilin (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) :	