



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-0603
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Total number of pages	32
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-630L,TGM3L-630M,TGM3L-630H
Ratings	<p>Uimp:8kV; Ui:800V;Ue:AC400V;In:400A,500A,600A,630A; Type of over-current release: Thermo-magnetic,electro-magnetic; TGM3L-630L:Ics:35kA,Icu:50kA, TGM3L-630M: Ics:65kA,Icu:65kA, TGM3L-630H:Ics:65kA,Icu: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%Icu; Seletiviy 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;Ith:6A; Ui:690V; 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: CD2-630, Us: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 (FQII)
Testing location/ address		No. 12, Shan Tou Jie, West Yang Qiao Road, Fuzhou, Fujian P.R.China
Tested by (name, function, signature).....:		Zhang Fan (Engineer)
Approved by (name, function, signature) ..:		Wei Yunning (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) :		