




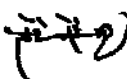
Test Report issued under the responsibility of:



TEST REPORT
IEC 60947-6-1
Low-voltage switchgear and controlgear
Part 6-1: Multiple function equipment – Transfer switching equipment

Report Number	(2019)FQIIDQ-0656	
Date of issue	2020-02-24	
Total number of pages	75	
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 Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China	
Test specification:		
Standard	IEC 60947-6-1:2005, AMD1:2013 for use in conjunction with IEC 60947-1:2007, AMD1:2010	
Test procedure	CB Scheme	
Non-standard test method	N/A	
Test Report Form No.	IEC60947_6_1C	
Test Report Form(s) Originator	SGS Fimko Ltd	
Master TRF	Dated 2019-07-02	
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Test item description :	ATSE
Trade Mark :	TENGEN
Manufacturer	Zhejiang Tengen Electrics Co.,Ltd./ Sulv Industry Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
Model/Type reference	TGQ1N-160L/3,TGQ1N-160M/3,TGQ1N-160L/4,TGQ1N-160M/4
Ratings	Uimp:8kV(main circuit),2.5kV(control circuit); Ui:800V(main circuit),400V(control circuit); Ue:AC400V; Ith:100A; Ie:100A,125A,140A,160A; Utilization category:AC-33B; Icm:73.5kA(Type L),105kA(Type M); Icn:35kA(Type L),50kA(Type M); Class CB;Method of controlling: ATSE,RTSE; 3P, 4P;

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. 121, Shan Tou Jiao, West Yang Qiao Road, Fuzhou, Fujian, P.R.China& Chuangxin Road, Kuailan District, Mawei Economic Development Zone, Fuzhou, Fujian, P. R. China
Tested by (name, function, signature).....:		Jiang Changjie (Engineer) 
Approved by (name, function, signature)....:		Wei Yunming (Chief Engineer) 
<hr/>		
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
Testing location/ address.....:		
Tested by (name, function, signature).....:		
Approved by (name, function, signature)....:		
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<input type="checkbox"/>	Testing procedure: CTF Stage 2:	
Testing location/ address.....:		
Tested by (name, function, signature).....:		
Witnessed by (name, function, signature) .:		
Approved by (name, function, signature)....:		
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<input type="checkbox"/>	Testing procedure: CTF Stage 3 or 4:	
Testing location/ address.....:		
Tested by (name, function, signature).....:		
Witnessed by (name, function, signature) .:		
Approved by (name, function, signature)....:		
Supervised by (name, function, signature) :		

