



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-0658

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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 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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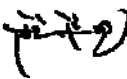
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<b>Test item description..... :</b>	ATSE
<b>Trade Mark..... :</b>	TENGEN
<b>Manufacturer .....</b>	Zhejiang Tengen Electrics Co.,Ltd./ Sulv Industry Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Model/Type reference .....</b>	TGQ1N-250L/3,TGQ1N-250M/3,TGQ1N-250L/4,TGQ1N-250M/4, TGQ1N-320L/3,TGQ1N-320M/3,TGQ1N-320L/4,TGQ1N-320M/4
<b>Ratings .....</b>	Uimp:8kV(main circuit),2.5kV(control circuit); Ui:800V(main circuit),400V(control circuit); Ue:AC400V; Ith:320A; TGQ1N-250L/3,TGQ1N-250M/3,TGQ1N-250L/4,TGQ1N-250M/4: Ie:160A,180A,200A,225A,250A; TGQ1N-320L/3,TGQ1N-320M/3,TGQ1N-320L/4,TGQ1N-320M/4: Ie:250A,280A,300A,315A,320A; 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

<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>CB Testing Laboratory:</b>	Fujian Inspection and Research Institute for Product Quality (FQII)
<b>Testing location/ address.....:</b>		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
<b>Tested by (name, function, signature).....:</b>		Zhang Fan (Engineer) 
<b>Approved by (name, function, signature)....:</b>		Wei Yunming (Chief Engineer) 
<b>Testing procedure: CTF Stage 1:</b>		
<b>Testing location/ address.....:</b>		
<b>Tested by (name, function, signature).....:</b>		
<b>Approved by (name, function, signature)....:</b>		
<b>Testing procedure: CTF Stage 2:</b>		
<b>Testing location/ address.....:</b>		
<b>Tested by (name, function, signature).....:</b>		
<b>Witnessed by (name, function, signature) .:</b>		
<b>Approved by (name, function, signature)....:</b>		
<b>Testing procedure: CTF Stage 3 or 4:</b>		
<b>Testing location/ address.....:</b>		
<b>Tested by (name, function, signature).....:</b>		
<b>Witnessed by (name, function, signature) .:</b>		
<b>Approved by (name, function, signature)....:</b>		
<b>Supervised by (name, function, signature) :</b>		