



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..... : 03601-A-20CB0032-S

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Name of Testing Laboratory  
preparing the Report..... : Suzhou Electrical Apparatus Science Research Institute  
Co., Ltd.(EETI)

Applicant's name ..... : Zhejiang Tengen Electric Co., Ltd.  
Address..... : Sulv Industrial 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 .....	Automatic Transfer Switching Equipment		
Trade Mark .....	TENGEN		
Manufacturer.....	Zhejiang Tengen Electric Co., Ltd. Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China		
Model/Type reference .....	TGQ1NPL-125,TGQKPL-125		
Ratings .....	Ui:800V(main circuit);500V(control and auxiliary circuits); Uimp:8kV(main circuit);4kV(control and auxiliary circuits); Ith: 125A; Ue: AC230V(2P),AC400V(3P,4P); Ie: 63A,80A,100A,125A; Utilization Category:AC-33A; Icm: 17kA; Icw: 10kA/30ms;Iq:120kA; Class of equipment: PC; Method of controlling:ATSE; 2P, 3P, 4P.		
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>			
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Suzhou Electrical Apparatus Science Research Institute Co., Ltd.(EETI)	
Testing location/ address .....		No.7 Yonghe Street, Binhe Road, New District, Suzhou,China	
Tested by (name, function, signature) .....		Wang Wei(Team leader)	
Approved by (name, function, signature) ..		Chen Yuan (Supervisor)	
<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, function, signature) .....			
Witnessed by (name, function, signature) .:			
Approved by (name, function, signature) ..			
<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) :			