



TEST REPORT EN 60947-6-1 Low-voltage switchgear and controlgear Part 6-1: Multiple function equipment – Transfer switching equipment	
Report Number.....	03601-A-19D0076-S
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Name of Testing Laboratory preparing the Report.....	Suzhou Electrical Apparatus Science Research Institute Co., Ltd. (EEI)
Applicant's name	Zhejiang Tengen Electric Co., Ltd.
Address.....	Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
Test specification: Standard	
EN 60947-6-1:2005 / A1:2014	
Test procedure..... : CCA Scheme Non-standard test method..... : N/A	
Test Report Form No..... : EN60947_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	TGQ1N-63M/3, TGQ1N-63M/4, TGQ1N-63H/3, TGQ1N-63H/4	
Ratings	Ui:500V(main circuit);400V(control and auxiliary circuits); Uimp:4kV(main circuit);2.5kV(control and auxiliary circuits); Ue:AC400V; Ie: 10A,16A,20A,25A,32A,40A,50A,63A; Utilization Category:AC-33iB; Icn: Type M:6kA, Type H: 10kA; Icm(peak value): Type M:9.2kA, Type H:17kA; Class of equipment: CB; Method of controlling: RTSE(only intelligent type with communication controller),ATSE; 3P, 4P; IP20.	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
☒	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)		Zhu Wenhua (Team leader)
Approved by (name, function, signature) ..		Chen Yuan (Supervisor)
☐	Testing procedure: CTF Stage 1:	
Testing location/ address		
Tested by (name, function, signature)		
Approved by (name, function, signature) ..		
☐	Testing procedure: CTF Stage 2:	
Testing location/ address		
Tested by (name, function, signature)		
Witnessed by (name, function, signature) . :		
Approved by (name, function, signature) .. :		
☐	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) :		