



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.: (2025)FQIIDQ-1345

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Total number of pages.....: 112

Name of Testing Laboratory preparing the Report.....: Fujian Inspection and Research Institute for Product Quality (FQII)

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 60947-6-1:2021 for use in conjunction with IEC 60947-1:2020

Test procedure: CB Scheme

Non-standard test method.....: N/A

TRF template used: IECEE OD-2020-F1:2021, Ed.1.4

Test Report Form No.....: IEC60947_6_1D

Test Report Form(s) Originator: SGS Fimko Ltd

Master TRF.....: Dated 2021-11-01

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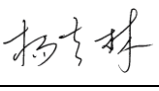
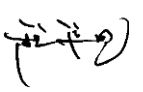
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Test item description :	Automatic Transfer Switching Equipment	
Trade Mark(s)	/	
Manufacturer	Zhejiang Tengen Electric Co.,Ltd. / Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China	
Model/Type reference	TGQ3-250	
Ratings	Ui:AC800V(Main circuit),AC400V(Control Circuit); Uimp:8kV(Main circuit),2.5kV(Control Circuit); Ue:AC230V(2P),AC400/415V(3P,4P); Ie: 125A,140A,160A,180A,200A,225A,250A; Utilization category:AC-33B;Iq:120kA; Icw:10kA/30ms;Icm(Peak):17kA;Class PC; ATSE;2P,3P,4P; 50Hz/60Hz(C-Type Controller), 50Hz (A-Type Controller, B-Type Controller)	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
☒	CB Testing Laboratory:	Fujian Inspection and Research Institute for Product Quality (FQII)
Testing location/ address :		No.6,Shuangfeng Road, Hongshan, Gulou District,Fuzhou, Fujian 350002 China & No.101,Baozhen Road,Mawei, Mawei District,Fuzhou,Fujian 350015 China
Tested by (name, function, signature) :		Yang Jilin (Engineer) 
Approved by (name, function, signature) ... :		Wei Yunming (Chief Engineer) 
☐	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 + signature)		
Witnessed by (name, function, signature) . :		
Approved by (name, function, signature) ... :		
☐	Testing procedure: CTF Stage 3:	
☐	Testing procedure: CTF Stage 4:	
Testing location/ address :		
Tested by (name, function, signature) :		