



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-1346
Date of issue	2025-05-26
Total number of pages	138
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
Copyright © 2021 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved. This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context. If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed. This report is not valid as a CB Test Report unless signed by an approved IECEE Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.	
General disclaimer:	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing NCB. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	



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	TGQ3-400,TGQ3-630	
Ratings	Ui:AC800V(Main circuit),AC400V(Control Circuit); Uimp:8kV(Main circuit),2.5kV(Control Circuit); Ue:AC400/415V; TGQ3-400:Ie:250A,315A,350A,400A; TGQ3-630:Ie:400A,500A,630A; Utilization category:AC-33B;lq:120kA; Icw:15kA/60ms;lcm(Peak):26kA;Class PC; ATSE;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):		
<input checked="" type="checkbox"/>	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)		Zheng Jiayin (Engineer) 
Approved by (name, function, signature) ...		Wei Yunming (Chief Engineer) 
<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 + signature)		
Witnessed by (name, function, signature) .:		
Approved by (name, function, signature) ...		
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	
<input type="checkbox"/>	Testing procedure: CTF Stage 4:	
Testing location/ address :		