Test Report issued under the responsibility of:

TEST REPORT
EN 60947-4-1
Low voltage switchgear and controlgear
Part 4: Contactors and motor-starters
Section 1 - Electromechanical contactors and motor-starters

Report Number..... :	(2023)FQIIDQCE-0358
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Total number of pages ..... :	71
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 Industry Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
Test specification:	
Standard ..... :	EN 60947-4-1:2019 to be used in conjunction with EN 60947-1:2007, EN 60947-1:2007/AMD1:2011, EN 60947-1:2007/AMD2:2014
Non-standard test method…….:	N/A
TRF template used..... :	IECEE OD-2020-F1:2023, Ed.1.6
Test Report Form No. ..... :	IEC60947_4_1D
Test Report Form(s) Originator :	DEKRA Certification B.V.
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Test item description.....:	Switch capacitor contactor
Trade Mark.....:	TENGEN
Manufacturer .....:	Zhejiang Tengen Electric Co.,Ltd./ Sulv Industry Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
Model/Type reference.....:	TGCC1-32, TGCC1-43
Ratings.....:	Uimp:6kV;Ui:690V;Ith:32A (TGCC1-32),43A (TGCC1-43); Ue:AC220V/230V,AC380V/400V,AC660V/690V; Ie:23A (TGCC1-32),29A (TGCC1-43) ; Utilization category:AC-6b;Us:AC110V,AC220V,AC380V,AC400V, AC415V,50Hz;AC110V,AC220V,AC380V,AC400V,AC415V,50/60Hz; TGCC1-32: Qe:10kvar(220V/230V),20kvar(380V/400V), 26kvar(660V/690V); TGCC1-43: Qe:15kvar(220V/230V),25kvar(380V/400V), 36kvar(660V/690V);3P;IP20; Matching auxiliary contact::(noumenon)Ith:10A,1NO,1NC;(Switch contactor) Ith:10A,1NO,1NC;AC-15:380V/0.95A,DC-13:220V/0.15A

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).....:			
Approved by (name, function, signature).:			
☐	**Testing procedure: CTF Stage 1:**		
Testing location/ address.....			
Tested by (name, function, signature).....:		Cheng kangqiao (Engineer)	程康桥
Approved by (name, function, signature).:		Wei Yunming (Chief Engineer)	
☐	**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:**		