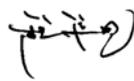


Test Report issued under the responsibility of:



<b>TEST REPORT</b> <b>EN 60947-4-1</b> <b>Low voltage switchgear and controlgear</b> <b>Part 4: Contactors and motor-starters</b> <b>Section 1 - Electromechanical contactors and motor-starters</b>	
<b>Report Number</b> .....	: (2023)FQIIDQCE-0358
<b>Date of issue</b> .....	: 2024-04-10
<b>Total number of pages</b> .....	: 71
<b>Name of Testing Laboratory preparing the Report</b> .....	Fujian Inspection and Research Institute for Product Quality(FQII)
<b>Applicant's name</b> .....	Zhejiang Tengen Electric Co.,Ltd
<b>Address</b> .....	Sulv Industry Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Test specification:</b>	
<b>Standard</b> .....	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
<b>Non-standard test method</b> .....	N/A
<b>TRF template used</b> .....	IECEE OD-2020-F1:2023, Ed.1.6
<b>Test Report Form No.</b> .....	IEC60947_4_1D
<b>Test Report Form(s) Originator</b> :	DEKRA Certification B.V.
<b>Master TRF</b> .....	Dated 2023-11-10
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<b>Test item description</b> .....: Switch capacitor contactor		
<b>Trade Mark</b> .....: TENGGEN		
<b>Manufacturer</b> .....: Zhejiang Tengen Electric Co.,Ltd./ Sulv Industry Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China		
<b>Model/Type reference</b> .....: TGCC1-32, TGCC1-43		
<b>Ratings</b> .....: Uimp:6kV;Ui:690V;lth: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)lth:10A,1NO,1NC;(Switch contactor) lth:10A,1NO,1NC;AC-15:380V/0.95A,DC-13:220V/0.15A		
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>CB Testing Laboratory:</b>	Fujian Inspection and Research Institute for Product Quality(FQII)
<b>Testing location/ address</b> .....:		No.6, Shuangfeng Road, Hongshan, Gulou District, Fuzhou, Fujian 350002 China & No.101, Baozhen Road, Mawei, Mawei District, Fuzhou, Fujian 350015 China
<b>Tested by (name, function, signature)</b> .....:		
<b>Approved by (name, function, signature)</b> ..:		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 1:</b>	
<b>Testing location/ address</b> .....:		
<b>Tested by (name, function, signature)</b> .....:		Cheng kangqiao (Engineer) 
<b>Approved by (name, function, signature)</b> ..:		Wei Yunming (Chief Engineer) 
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 2:</b>	
<b>Testing location/ address</b> .....:		
<b>Tested by (name + signature)</b> .....:		
<b>Witnessed by (name, function, signature)</b> :		
<b>Approved by (name, function, signature)</b> ..:		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 3:</b>	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 4:</b>	