

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:	CE2024CQC0305-015502
Date of issue:	2024.12.20
Total number of pages:	31 pages
Name of Testing Laboratory preparing the Report:	ZhongJian Quality Test and Certification Research Institute Co.,Ltd.
Applicant's name:	Zhejiang Tengen Electric Co.,Ltd.
Address:	Sulv Industrial Area, Lushi Town, Yueqing City, Zhejiang Province, P.R.China
Test specification:	
Standard:	EN IEC 60947-4-1:2019
Test procedure:	CCA
Non-standard test method:	N/A
Test Report Form No:	EN60947_4_1C
Test Report Form(s) Originator:	DEKRA Certification B.V.
Master TRF:	Dated 2017-06
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Test item description.....	Electromechanical contactor
Trade Mark.....	/
Manufacturer.....	Zhejiang Tengen Smart Electrics Co., Ltd.
Model/Type reference.....	TGCA-120,TGCA-160,TGCA-185,TGCA-225,TGCA-265A, TGC1-120,TGC1-160,TGC1-185,TGC1-225,TGC1-265A
Ratings.....	<p>Ui:1140V,1000V(TGCA), 1000V(TGC1);Uimp:12kV;3P; Ue:AC220V/230V,AC380V/400V,AC660V/690V,AC1140V(TGCA); AC220V/230V,AC380V/400V,AC660V/690V(TGC1); TGCA-120: 200A (Ith); AC-1:Ue/Ie:AC220V/230V/200A,AC380V/400V/200A,AC660V/690V/200A,AC1140V/200A; AC-3:Ue/Ie:AC220V/230V/120A,AC380V/400V/120A,AC660V/690V/86A,AC1140V/37A; AC-4:Ue/Ie:AC220V/230V/120A,AC380V/400V/120A,AC660V/690V/86A,AC1140V/37A; TGCA-160: 200A (Ith) AC-1:Ue/Ie:AC220V/230V/200A,AC380V/400V/200A,AC660V/690V/200A,AC1140V/200A; AC-3:Ue/Ie:AC220V/230V/160A,AC380V/400V/160A,AC660V/690V/107A,AC1140V/40A; AC-4:Ue/Ie:AC220V/230V/160A,AC380V/400V/160A,AC660V/690V/107A,AC1140V/40A; TGCA-185: 275A (Ith) AC-1:Ue/Ie:AC220V/230V/275A,AC380V/400V/275A,AC660V/690V/275A,AC1140V/275A; AC-3:Ue/Ie:AC220V/230V/185A,AC380V/400V/185A,AC660V/690V/107A,AC1140V/57A; AC-4:Ue/Ie:AC220V/230V/160A,AC380V/400V/160A,AC660V/690V/107A,AC1140V/57A; TGCA-225: 275A (Ith) AC-1:Ue/Ie:AC220V/230V/275A,AC380V/400V/275A,AC660V/690V/275A,AC1140V/275A; AC-3:Ue/Ie:AC220V/230V/225A,AC380V/400V/225A,AC660V/690V/118A,AC1140V/72A; AC-4:Ue/Ie:AC220V/230V/185A,AC380V/400V/185A,AC660V/690V/107A,AC1140V/72A; TGC1 -120: 200A (Ith) AC-1:Ue/Ie:AC220V/230V/200A,AC380V/400V/200A,AC660V/690V/200A; AC-3:Ue/Ie:AC220V/230V/120A,AC380V/400V/120A,AC660V/690V/86A; AC-4:Ue/Ie:AC220V/230V/120A,AC380V/400V/120A,AC660V/690V/86A; TGC1 -160: 200A (Ith) AC-1:Ue/Ie:AC220V/230V/200A,AC380V/400V/200A,AC660V/690V/200A; AC-3:Ue/Ie:AC220V/230V/160A,AC380V/400V/160A,AC660V/690V/107A; AC-4:Ue/Ie:AC220V/230V/160A,AC380V/400V/160A,AC660V/690V/107A; TGC1 -185: 275A (Ith) AC-1:Ue/Ie:AC220V/230V/275A,AC380V/400V/275A,AC660V/690V/275A; AC-3:Ue/Ie:AC220V/230V/185A,AC380V/400V/185A,AC660V/690V/107A; AC-4:Ue/Ie:AC220V/230V/160A,AC380V/400V/160A,AC660V/690V/107A; TGC1 -225: 275A (Ith) AC-1:Ue/Ie:AC220V/230V/275A,AC380V/400V/275A,AC660V/690V/275A; AC-3:Ue/Ie:AC220V/230V/225A,AC380V/400V/225A,AC660V/690V/118A; AC-4:Ue/Ie:AC220V/230V/185A,AC380V/400V/185A,AC660V/690V/107A; Us: AC110V,127V,220V,380V; TGCA-265A,TGC1-265A: AC-1:Ue/Ie:AC220V/230V/265A,AC380V/400V/265A,AC660V/690V/265A; Us:AC110V,127V,220V,380V; Auxiliary contacts for use:1NO1NC,2NO,2NC;lth:10A; AC-15:Ue/Ie:AC220V/1.6A,AC380V/0.95A; DC-13: Ue/Ie:DC220V/0.15A</p>

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	ZhongJian Quality Test and Certification Research Institute Co.,Ltd.
Testing location/ address.....:		No.352 Banshan Road Hangzhou,Zhejiang,P.R .CHINA
Tested by (name, function, signature).....:		Wei Yisong <i>Wei yi song</i> Manager of technology department
Approved by (name, function, signature)::		Zeng Zheng <i>Zeng zheng</i> Deputy director
<hr/>		
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
Testing location/ address..... :		
	Tested by (name, function, signature).....:	
	Approved by (name, function, signature)::	
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<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)::	
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<input type="checkbox"/>	Testing procedure: CTF Stage 3:	
<input type="checkbox"/>	Testing procedure: CTF Stage 4:	
Testing location/ address..... :		
	Tested by (name, function, signature).....:	
	Witnessed by (name, function, signature):	
	Approved by (name, function, signature)::	
	Supervised by (name, function, signature)	

