

Test Report issued under the responsibility of:



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

Report Number.....: CE2024CQC0305-015401
Date of issue.....: 2024.12.17
Total number of pages.....: 123 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, Liushi 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.....: DC contactor

Trade Mark.....: TENGEN

Manufacturer.....: Zhejiang Tengen Electric Co.,Ltd.

Model/Type reference.....: TGCZP-400,TGCZC-400,TGCZQ-400,
TGCZP-500,TGCZC-500,TGCZQ-500,
TGCZP-600,TGCZC-600,TGCZQ-600

Ratings.....: TGCZP-400,TGCZC-400,TGCZQ-400
Usage category: DC-1 Ui: 1500V; Uimp:8kV;
Ue:DC1500V,DC1000V,DC750V;lth:600A
Ie(A): 1500VDC × 50A: 1000VDC × 100A: 750VDC × 400A;
Us:12VDC,24VDC,9~36VDC
Auxiliary circuit: Use category DC-12 Ue:30V DC; Ie:0.5A; Ith:0.5A;
Uimp:1.5kV; Contact form: 1NO;
TGCZP-500,TGCZC-500,TGCZQ-500
Usage category: DC-1 Ui: 1500V; Uimp:8kV;
Ue:DC1500V,DC1000V,DC750V;lth:600A
Ie(A): 1500VDC × 50A: 1000VDC × 100A: 750VDC × 500A;
Us:12VDC,24VDC,9~36VDC
Auxiliary circuit: Use category DC-12 Ue:30V DC; Ie:0.5A; Ith:0.5A;
Uimp:1.5kV; Contact form: 1NO;
TGCZP-600,TGCZC-600,TGCZQ-600
Usage category: DC-1 Ui: 1500V; Uimp:8kV;
Ue:DC1500V,DC1000V,DC750V;lth:600A
Ie(A): 1500VDC × 50A: 1000VDC × 100A: 750VDC × 600A;
Us:12VDC,24VDC,9~36VDC
Auxiliary circuit: Use category DC-12 Ue:30V DC; Ie:0.5A; Ith:0.5A;
Uimp:1.5kV; Contact form: 1NO

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):

<input checked="" type="checkbox"/>	GB 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 	Manager of technology department
Approved by (name, function, signature) ..:		Zeng Zheng 	Deputy director
<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..... :		
	Tested by (name, function, signature).....:	
	Witnessed by (name, function, signature):	
	Approved by (name, function, signature).:	
	Supervised by (name, function, signature)	

