

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
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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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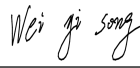

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Test item description.....: DC contactor		
Trade Mark.....: TENGEN		
Manufacturer.....: Zhejiang Tengen Electric Co.,Ltd.		
Model/Type reference.....: TGCZP-400,TGCZC-400,TGCZQ-400, TGCZP-500,TGCZC-500,TGCZQ-500, TGCZP-600,TGCZC-600,TGCZQ-600		
Ratings.....: 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; lth: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; lth: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; lth: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 
<hr/>		
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
Testing location/ address.....:		
	Tested by (name, function, signature).....:	
	Approved by (name, function, signature)::	
<hr/>		
<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)		

