



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..... : 00901-CE2022CQC0302-013331
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Name of Testing Laboratory preparing the Report : Shanghai Testing & Inspection Institute for Electrical Equipment Co. Ltd. (STIEE)

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. : 60947_4_1D
Test Report Form(s) Originator : DEKRA Certification B.V.
Master TRF : Dated 2019-05-14

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Test item description :	AC contactor	
Trade Mark :	TENGEN	
Manufacturer	Zhejiang Tengen Electric Co.,Ltd. Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China	
Model/Type reference	CJX2-18,CJX2-18...N	
Ratings	See page 9	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	Testing Laboratory:	Shanghai Testing & Inspection Institute for Electrical Equipment Co. Ltd. (STIEE)
	Testing location/ address :	505 Wu Ning Road Shanghai P. R. China
	Tested by (name, function, signature) :	Huang Yiting/Engineer 
	Approved by (name, function, signature) ... :	Zhuang Xiaoli/Senior engineer 
<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) :	

List of Attachments (including a total number of pages in each attachment):			
Attachment: The test data of auxiliary contacts according to EN 60947-5-1:2017 (total 7 pages from page 122 to page 128)			
Summary of testing:			
Tests performed (name of test and test clause):	Testing location:		
Main Testing (EN IEC 60947-4-1)	Shanghai Testing & Inspection Institute for Electrical Equipment Co. Ltd. (STIEE)/ 505 Wu Ning Road Shanghai P. R. China		
Test Sequence I: CJX2-1810 ¹⁾			Us: AC380V 50/60Hz
Only for Operating limits CJX2-1810 ¹⁾			Us:A220V 50/60Hz
CJX2-1810 ¹⁾			Us:AC127V 50/60Hz
CJX2-1810 ¹⁾			Us:AC110V 50/60Hz
CJX2-1810 ¹⁾			Us: AC48V 50/60Hz
CJX2-1810 ¹⁾			Us: AC36V 50/60Hz
CJX2-1810 ¹⁾			Us: AC24V 50/60Hz
CJX2-1810 ¹⁾			Us:DC48V
CJX2-1810 ¹⁾			Us:DC220V
CJX2-1801Z ²⁾			Us:DC24V
CJX2-1801Z ²⁾			Us:DC110V
CJX2-1810 ²⁾			Us:AC380V 50Hz
CJX2-1810 ²⁾			Us:AC110V 50Hz
CJX2-1810 ²⁾			Us:AC24V 50Hz
CJX2-1810 ³⁾			Us:AC220V 50Hz
CJX2-1810 ³⁾			Us:AC127V 50Hz
CJX2-1810 ³⁾			Us:AC48V 50Hz
CJX2-1810 ³⁾			Us:AC36V 50Hz
Only for Coil power consumption CJX2-1810 ¹⁾			50/60Hz
CJX2-1810 ¹⁾			DC
CJX2-1810 ¹⁾			50Hz
Only for Pole impedance CJX2-1810 ¹⁾			Us: AC380V 50/60Hz
Test Sequence II: CJX2-1810 ¹⁾			AC-3: Ue/Ie:380V/16A
CJX2-1810N ¹⁾			AC-4: Ue/Ie:380V/7.7A
CJX2-1810 ¹⁾			AC-3: Ue/Ie:660V/10.6A
CJX2-1810N ¹⁾			AC-4: Ue/Ie:660V/3.8A