



Test Report issued under the responsibility of:



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

**Report Number .....** 03601-A-21CB0134-S-A

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**Name of Testing Laboratory preparing the Report.....** Suzhou Electrical Apparatus Science Research Institute Co., Ltd. (EETI)

**Applicant's name.....** Zhejiang Tengen Electric Co., Ltd.

**Address .....** Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R. China.

**Test specification:**

**Standard .....** IEC 60947-4-1:2018

**Test procedure .....** CB Scheme

**Non-standard test method .....** N/A

**Test Report Form No. ....** IEC60947\_4\_1D

**Test Report Form(s) Originator ....** DEKRA Certification B.V.

**Master TRF .....** Dated 2019-05-14

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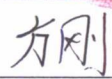
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<b>Test item description .....</b>	AC Contactor	
<b>Trade Mark .....</b>	TENGEN	
<b>Manufacturer .....</b>	Zhejiang Tengen Electric Co., Ltd. Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China.	
<b>Model/Type reference .....</b>	TGCA-7511, TGCA-7511N, TGCA-8511, TGCA-8511N, TGCA-10011, TGCA-10011N	
<b>Ratings .....</b>	Ui:690V;Uimp:8kV; Ith: TGCA-7511, TGCA-7511N:90A; TGCA-8511, TGCA-8511N:100A; TGCA-10011, TGCA-10011N:110A; Ui:690V;Uimp:8kV; AC-1: TGCA-7511, TGCA-7511N:Ue/Ie:220V/230V,380V/400V/90A; TGCA-8511, TGCA-8511N:Ue/Ie:220V/230V,380V/400V/100A; TGCA-10011, TGCA-10011N :Ue/Ie:220V/230V,380V/400V/110A; AC-3: TGCA-7511:Ue/Ie:220V/230V/75A ;380V/400V/75A; 660V/690V/42A; TGCA-8511 :Ue/Ie: 220V/230V/85A;380V/400V/85A; 660V/690V/49A; TGCA-10011 :Ue/Ie: 220V/230V/100A;380V/400V/100A; 660V/690V/49A; AC-4: TGCA-7511, TGCA-7511N:Ue/Ie:220V/230V/37A;380V/400V/37A;660V/690V/17.3A; TGCA-8511, TGCA-8511N :Ue/Ie:220V/230V/44A;380V/400V/44A;660V/690V/21.3A; TGCA-10011, TGCA-10011N:Ue/Ie:220V/230V/54A;380V/400V/54A;660V/690V/27A; Us: AC24V,AC36V,AC48V,AC110V,AC220V,AC380V,AC400V,AC415V,50Hz; AC24V,AC36V,AC48V,AC110V,AC220V,AC380V,AC400V,AC415V,50/60Hz; Utilization category:AC-1, AC-3,AC-4; Number of poles:3P; IP20; Attached auxiliary contact: 1NO,1NC,2sets; Ith:10A;Ui:690V;Uimp:6kV; AC-15:1.6A/220V,0.95A/380V, DC-13:0.15A/220V	
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>CB Testing Laboratory:</b>	Suzhou Electrical Apparatus Science Research Institute Co., Ltd. (EETI)
<b>Testing location/ address .....</b>		No.7 Yonghe Street, Binhe Road, New District, Suzhou, China
<b>Tested by (name, function, signature) .....</b>		Fang Gang (Team leader) 
<b>Approved by (name, function, signature) .....</b>		Xu Jianlin (Supervisor) 
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 1:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name, function, signature) .....</b>		
<b>Approved by (name, function, signature) .....</b>		