



**TEST REPORT**  
**IEC 60947-4-1**  
**Contactors and motor-starters**  
**Electromechanical contactors and motor-starters**

**Report Number..... :** (2018)FQIIDQ-0550

**Date of issue..... :** 2018-05-16

**Total number of pages..... :** 207

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

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

**Test specification:**

**Standard..... :** IEC 60947-4-1:2009 + A1:2012

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

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

**Test Report Form No..... :** IEC60947\_4\_1B

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

**Master TRF..... :** Dated 2013-07

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**This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.**

**Test item description..... :** Switch capacitor contactor

**Trade Mark..... :** TENGEN

**Manufacturer..... :** Zhejiang Tengen Electric Co.,Ltd./ Sulv Industry Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China

**Model/Type reference..... :** TGCC1-63

**Ratings..... :** Uimp:6kV;Ui:690V;Ith:63A;  
Ue:AC220V/230V,AC380V/400V,AC660V/690V;Ie:43A;Utilization category:AC-6b;  
Us:AC110V,AC220V,AC380V,AC400V,AC415V,50Hz;  
AC110V,AC220V,AC380V,AC400V,AC415V,50/60Hz;  
Qe:20kvar(220V/230V),35kvar(380V/400V),  
48kvar(660V/690V);3P;IP20;  
Matching auxiliary contact:.(noumenon)Ith:10A, 1NO1NC;(Switch contactor) Ith:10A,1NO,1NC;  
AC-15:380V/0.95A,DC-13:220V/0.15A

<b>Testing procedure and testing location:</b>		
<input checked="" type="checkbox"/>	<b>CB Testing Laboratory:</b>	Fujian Inspection and Research Institute for Product Quality(FQIPI)
<b>Testing location/ address.....:</b>		No. 121, Shan Tou Jiao, West Yang Qiao Road, Fuzhou, Fujian, P.R. China
<input type="checkbox"/>	<b>Associated CB Laboratory:</b>	
<b>Testing location/ address.....:</b>		
<b>Tested by (name + signature) .....</b>		Xie Hongling (Engineer)
<b>Approved by (+ signature)....:</b>		Wei Yunming (Chief Engineer)
<input type="checkbox"/>	<b>Testing procedure: TMP</b>	
<b>Testing location/ address.....:</b>		
<b>Tested by (name + signature)....:</b>		
<b>Approved by (+ signature)..... :</b>		
<input type="checkbox"/>	<b>Testing procedure: WMT</b>	
<b>Testing location/ address.....:</b>		
<b>Tested by (name + signature)....:</b>		
<b>Witnessed by (+ signature)..... :</b>		
<b>Approved by (+ signature)..... :</b>		
<input type="checkbox"/>	<b>Testing procedure: SMT</b>	
<b>Testing location/ address.....:</b>		
<b>Tested by (name + signature)....:</b>		
<b>Approved by (+ signature)..... :</b>		
<b>Supervised by (+ signature).....:</b>		