

Test Report issued under the responsibility of:



**TEST REPORT
EN 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-18D0049-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 Smart Electrics Co.,Ltd

Address..... : No.2777 West Zhongshan Road,Xiuzhou District, Jiaxing City,
Zhejiang Province, P.R.China

Test specification:

Standard : EN 60947-4-1:2010+A1:2012

Test procedure : CCA Scheme

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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Item description AC Contactor
 Trade Mark /
 Manufacturer Zhejiang Tengen Smart Electrics Co.,Ltd.
 No.2777 West Zhongshan Road,Xiuzhou District, Jiaxing City, Zhejiang Province,
 P.R.China
 Model/Type reference TeC5-22, TeC5-22N, TeC5-25, TeC5-25N
 TeC5-32, TeC5-32N, TeC5-38, TeC5-38N
 Ratings Ui:690V;Uimp:6kV;
 Ith:32A(TeC5-22, TeC5-22N), 40A(TeC5-25, TeC5-25N),
 50A(TeC5-32, TeC5-32N, TeC5-38, TeC5-38N);
 TeC5-22: AC-1:Ue:AC220V/230V/380V/400V, Ie:32A
 AC-3:Ue:AC220V/230V/380V/400V, Ie:22A; Ue:AC660V/690V, Ie:14A
 AC-4:Ue:AC220V/230V/380V/400V, Ie:8.5A; Ue:AC660V/690V, Ie:4A
 TeC5-22N:AC-1:Ue:AC220V/230V/380V/400V, Ie:32A
 AC-4:Ue:AC220V/230V/380V/400V, Ie:8.5A; Ue:AC660V/690V, Ie:4A
 TeC5-25: AC-1:Ue:AC220V/230V/380V/400V, Ie:40A
 AC-3:Ue:AC220V/230V/380V/400V, Ie:25A; Ue:AC660V/690V, Ie:18A
 AC-4:Ue:AC220V/230V/380V/400V, Ie:8.5A; Ue:AC660V/690V, Ie:4.4A
 TeC5-25N:AC-1:Ue:AC220V/230V/380V/400V, Ie:40A
 AC-4:Ue:AC220V/230V/380V/400V, Ie:8.5A; Ue:AC660V/690V, Ie:4.4A
 TeC5-32:AC-1:Ue:AC220V/230V/380V/400V, Ie:50A
 AC-3:Ue:AC220V/230V/380V/400V, Ie:32A; Ue:AC660V/690V, Ie:22A
 AC-4:Ue:AC220V/230V/380V/400V, Ie:12A; Ue:AC660V/690V, Ie:7.5A
 TeC5-32N:AC-1:Ue:AC220V/230V/380V/400V, Ie:50A
 AC-4:Ue:AC220V/230V/380V/400V, Ie:12A; Ue:AC660V/690V, Ie:7.5A
 TeC5-38:AC-1:Ue:AC220V/230V/380V/400V, Ie:50A
 AC-3:Ue:AC220V/230V/380V/400V, Ie:38A; Ue:AC660V/690V, Ie:22A
 AC-4:Ue:AC220V/230V/380V/400V, Ie:14A; Ue:AC660V/690V, Ie:8.9A
 TeC5-38N:AC-1:Ue:AC220V/230V/380V/400V, Ie:50A
 AC-4:Ue:AC220V/230V/380V/400V, Ie:14A; Ue:AC660V/690V, Ie:8.9A
 Us: AC24V, AC36V, AC48V, AC110V, AC220V, AC380V, AC400V, AC415V, 50Hz;
 AC24V, AC36V, AC48V, AC110V, AC220V, AC380V, AC400V, AC415V, 50/60Hz;
 3P;IP20;
 Attached auxiliary contacts: (1NO1NC, 2 pairs):
 Ith:10A;Ui:690V;Uimp:6kV;
 AC-15:Ue/Ie:AC380V/0.95A, AC220V/1.6A
 DC-13:Ue/Ie:DC220V/0.15A.

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

<input checked="" type="checkbox"/>	Testing Laboratory:	Suzhou Electrical Apparatus Science Research Institute Co., Ltd.(EETI)
	Testing location/ address.....	No.7 Yonghe Street, Binhe Road, New District, Suzhou, China
	Tested by (name, function, signature).....:	Lu Jianping (Team leader)
	Approved by (name, function, signature):.	Zhang Jie (Supervisor)



Handwritten signatures in black ink: 卢建平 (Lu Jianping) and 张洁 (Zhang Jie).

<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)	