

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-18D0050-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,Zhejiang
Province

Test specification:

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

Test procedure : CCA Scheme

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

Test Report Form No. : EN 60947_4_1C

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

Master TRF : Dated 2017-06

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Test item description	AC Contactor
Trade Mark	/
Manufacturer	Zhejiang Tengen Smart Electrics Co., Ltd. No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing, Zhejiang Province
Model/Type reference	TeC5-06, TeC5-06N, TeC5-09, TeC5-09N, TeC5-12, TeC5-12N, TeC5-16, TeC5-16N, TeC5-18, TeC5-18N
Ratings	Ui: 690V; 3P; Uimp: 6kV; IP20; Ith: 20A (TeC5-06, TeC5-06N, TeC5-09, TeC5-09N); 25A (TeC5-12, TeC5-12N, TeC5-16, TeC5-16N); 32A (TeC5-18, TeC5-18N); Ue: AC220V/230V, AC380V/400V, AC660V/690V; TeC5-06: Ie: 6A (220V/230V; 380V/400V; AC-3), 3.8A (660V/690V; AC-3) 2.6A (220V/230V; 380V/400V; AC-4), 1A (660V/690V; AC-4) 20A (220V/230V; 380V/400V; AC-1) TeC5-06N: Ie: 2.6A (220V/230V; 380V/400V; AC-4), 1A (660V/690V; AC-4) 20A (220V/230V; 380V/400V; AC-1) TeC5-09: Ie: 9A (220V/230V; 380V/400V; AC-3), 6.6A (660V/690V; AC-3) 3.5A (220V/230V; 380V/400V; AC-4), 1.5A (660V/690V; AC-4) 20A (220V/230V; 380V/400V; AC-1) TeC5-09N: Ie: 3.5A (220V/230V; 380V/400V; AC-4), 1.5A (660V/690V; AC-4) 20A (220V/230V; 380V/400V; AC-1) TeC5-12: Ie: 12A (220V/230V; 380V/400V; AC-3), 8.9A (660V/690V; AC-3) 5A (220V/230V; 380V/400V; AC-4), 2A (660V/690V; AC-4) 25A (220V/230V; 380V/400V; AC-1) TeC5-12N: Ie: 5A (220V/230V; 380V/400V; AC-4), 2A (660V/690V; AC-4) 25A (220V/230V; 380V/400V; AC-1) TeC5-16: Ie: 16A (220V/230V; 380V/400V; AC-3), 8.9A (660V/690V; AC-3) 7.7A (220V/230V; 380V/400V; AC-4), 3.5A (660V/690V; AC-4) 25A (220V/230V; 380V/400V; AC-1) TeC5-16N: Ie: 7.7A (220V/230V; 380V/400V; AC-4), 3.5A (660V/690V; AC-4) 25A (220V/230V; 380V/400V; AC-1) TeC5-18: Ie: 18A (220V/230V; 380V/400V; AC-3), 12A (660V/690V; AC-3) 7.7A (220V/230V; 380V/400V; AC-4), 3.8A (660V/690V; AC-4) 32A (220V/230V; 380V/400V; AC-1) TeC5-18N: Ie: 7.7A (220V/230V; 380V/400V; AC-4), 3.8A (660V/690V; AC-4) 32A (220V/230V; 380V/400V; AC-1) Us: AC24V, AC36V, AC48V, AC110V, AC220V, AC380V, AC400V, AC415V, 50Hz; AC24V, AC36V, AC48V, AC110V, AC220V, AC380V, AC400V, AC415V, 50/60Hz ; Attached auxiliary contacts: (1NO1NC, 2 pairs): Ith: 10A; Ui: 690V; Uimp: 6kV; AC-15: Ue/Ie: AC220V/1.6A, AC380V/0.95A; DC-13: Ue/Ie: DC220V/0.15A.

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
☒	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)
☐	Testing procedure: CTF Stage 1:	
	Testing location/ address	
	Tested by (name, function, signature).....:	
	Approved by (name, function, signature):	
☐	Testing procedure: CTF Stage 2:	
	Testing location/ address	
	Tested by (name + signature).....:	
	Witnessed by (name, function, signature):	
	Approved by (name, function, signature):	
☐	Testing procedure: CTF Stage 3:	
☐	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)	