



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..... : 03601-A-24D0045-S

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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 Zhong shan Road, Xiuzhou District, Jiaxing, Zhejiang Province

Test specification:

Standard : EN IEC60947-4-1:2019

Test procedure..... : CCA Scheme

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

TRF template used..... : IECEE OD-2020-F1:2023, Ed.1.6

Test Report Form No. : EN IEC 60947_4_1D

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

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Test item description AC Contactor	
Trade Mark /	
Manufacturer..... Zhejiang Tengen Smart Electrics Co.,Ltd. No.2777 West Zhong shan 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):	
☒ CB 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).....:	Fang Gang (Team leader)
Approved by (name, function, signature)::	Sun Aqin (Supervisor)