

Test Report issued under the responsibility of:



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-24D0044-S

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Total number of pages.....: 169 pages

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..... : IEC EE 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.

Master TRF : Dated 2023-11-10

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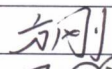
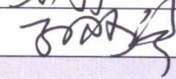
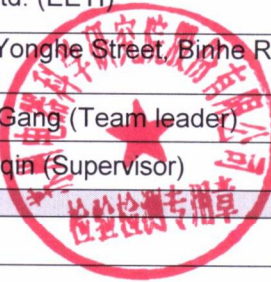
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Test item description	AC Contactor
Trade Mark	/
Manufacturer	Zhejiang Tengen Smart Electrics Co.,Ltd. No.2777 West Zhong shan Road, Xiuzhou District, Jiaxing, Zhejiang Province
Model/Type reference	TeC5-22,TeC5-22N,TeC5-25,TeC5-25N TeC5-32,TeC5-32N,TeC5-38,TeC5-38N
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:22 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,50/60H z; 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"/> 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) 
	
<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)	