

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-21D0089-S-A
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Total number of pages.....	132 pages
Name of Testing Laboratory preparing the Report.....	Suzhou Electrical Apparatus Science Research Institute Co., Ltd. (EETI)
Applicant's name.....	Zhejiang Tengen Electric Co., Ltd.
Address	Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R. China.
Test specification:	
Standard	EN IEC 60947-4-1:2019
Test procedure	CCA Scheme
Non-standard test method	N/A
Test Report Form No.	EN IEC60947_4_1D
Test Report Form(s) Originator	DEKRA Certification B.V.
Master TRF	Dated 2019-05-14
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Test item description	AC Contactor	
Trade Mark	TENGEN	
Manufacturer	Zhejiang Tengen Electric Co., Ltd. Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China.	
Model/Type reference	TGCA-3211, TGCA-3211N, TGCA-3811, TGCA-3811N	
Ratings	Ui: 690V; Uimp: 6kV; Ith: 50A; AC-1: TGCA-3211: Ue/Ie: 220V/230V; 380V/400V/50A; TGCA-3811: Ue/Ie: 220V/230V; 380V/400V/50A; TGCA-3211N: Ue/Ie: 220V/230V; 380V/400V/50A; TGCA-3811N: Ue/Ie: 220V/230V; 380V/400V/50A; AC-3: TGCA-3211: Ue/Ie: 220V/230V/32A ; 380V/400V/32A; 660V/690V/22A; TGCA-3811 : Ue/Ie: 220V/230V/38A; 380V/400V/38A; 660V/690V/22A; AC-4: TGCA-3211: Ue/Ie: 220V/230V/12A; 380V/400V/12A; 660V/690V/7.5A ; TGCA-3811 : Ue/Ie: 220V/230V/14A; 380V/400V/14A; 660V/690V/8.9A ; TGCA-3211N: Ue/Ie: 220V/230V/12A; 380V/400V/12A; 660V/690V/7.5A ; TGCA-3811N: Ue/Ie: 220V/230V/14A; 380V/400V/14A; 660V/690V/8.9A ; Us: AC24V, AC36V, AC48V, AC110V, AC220V, AC380V, AC400V, AC415V, 50Hz; AC24V, AC36V, AC48V, AC110V, AC220V, AC380V, AC400V, AC415V, 50/60Hz; Utilization category: AC-1, AC-3, AC-4; Number of poles: 3P; IP20; Attached auxiliary contact: 1NO, 1NC, 2sets; Ith: 10A; Ui: 690V; Uimp: 6kV; AC-15: 1.6A/220V, 0.95A/380V, DC-13: 0.15A/220V.	
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)	Fang Gang (Team leader)	方刚
Approved by (name, function, signature)	Xu Jianlin (Supervisor)	许建林
<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:		