



Test Report issued under the responsibility of:



TEST REPORT 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-21CB0135-S-A
Date of issue.....:	2022-05-18
Total number of pages.....:	167 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.....:	IEC 60947-4-1:2018
Test procedure.....:	CB Scheme
Non-standard test method.....:	N/A
Test Report Form No.:	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-4011, TGCA-4011N, TGCA-5011, TGCA-5011N, TGCA-6511, TGCA-6511N	
Ratings	Ui:690V;Uimp:6kV; Ith: TGCA-4011, TGCA-4011N:60A; TGCA-5011, TGCA-6511, TGCA-5011N, TGCA-6511N:80A; AC-1: TGCA-4011, TGCA-4011N:Ue/Ie:220V/230V;380V/400V/60A; TGCA-5011, TGCA-6511, TGCA-5011N, TGCA-6511N : Ue/Ie:220V/230V;380V/400V/80A; AC-3: TGCA-4011:Ue/Ie:220V/230V/40A ;380V/400V/40A; 660V/690V/34A; TGCA-5011 :Ue/Ie: 220V/230V/50A;380V/400V/50A; 660V/690V/39A; TGCA-6511 :Ue/Ie: 220V/230V/65A;380V/400V/65A; 660V/690V/42A; AC-4: TGCA-4011, TGCA-4011N: Ue/Ie:220V/230V/18.5A;380V/400V/18.5A;660V/690V/9A; TGCA-5011, TGCA-5011N : Ue/Ie:220V/230V/24A;380V/400V/24A;660V/690V/12A; TGCA-6511, TGCA-6511N: Ue/Ie:220V/230V/28A;380V/400V/28A;660V/690V/14A; 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"/>	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)		Xu Jianlin (Supervisor) 
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
Testing location/ address		
Tested by (name, function, signature)		