



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	
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Name of Testing Laboratory preparing the Report	Fujian Inspection and Research Institute for Product Quality(FQII)
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 60947-4-1:2025 to be used in conjunction with EN IEC 60947-1:2021
Test procedure	
Non-standard test method	N/A
TRF template used	IECEE OD-2020-F1:2023, Ed.1.6
Test Report Form No.	IEC60947_4_1E
Test Report Form(s) Originator	DEKRA Certification B.V.
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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-40004,TGCA-50004,TGCA-65004,TGCA-80004,TGCA-95004
Ratings	<p>Ui: 1000V; Uimp: 8kV; Ue: AC220V/240V, AC380V/440V, AC500V/550V, AC660V/690V; Ith=60A (TGCA-40004), 80A (TGCA-50004), 100A (TGCA-65004), 110A (TGCA-80004), 135A (TGCA-95004);</p> <p>TGCA-40004: AC-1: Ue/Ie: AC220V/240V/60A, AC380V/440V/60A, AC500V/550V/60A, AC660V/690V/60A; AC-3: Ue/Ie: AC220V/240V/40A, AC380V/440V/40A, AC500V/550V/34A, AC660V/690V/34A; AC-3e: Ue/Ie: AC220V/240V/40A, AC380V/440V/40A, AC500V/550V/34A, AC660V/690V/34A; AC-4: Ue/Ie: AC220V/240V/18.5A, AC380V/440V/18.5A, AC500V/550V/9A, AC660V/690V/9A;</p> <p>TGCA-50004: AC-1: Ue/Ie: AC220V/240V/80A, AC380V/440V/80A, AC500V/550V/80A, AC660V/690V/80A; AC-3: Ue/Ie: AC220V/240V/50A, AC380V/440V/50A, AC500V/550V/39A, AC660V/690V/39A; AC-3e: Ue/Ie: AC220V/240V/50A, AC380V/440V/50A, AC500V/550V/39A, AC660V/690V/39A; AC-4: Ue/Ie: AC220V/240V/24A, AC380V/440V/24A, AC500V/550V/12A, AC660V/690V/12A;</p> <p>TGCA-65004: AC-1: Ue/Ie: AC220V/240V/100A, AC380V/440V/100A, AC500V/550V/100A, AC660V/690V/100A; AC-3: Ue/Ie: AC220V/240V/65A, AC380V/440V/65A, AC500V/550V/42A, AC660V/690V/42A; AC-3e: Ue/Ie: AC220V/240V/65A, AC380V/440V/65A, AC500V/550V/42A, AC660V/690V/42A; AC-4: Ue/Ie: AC220V/240V/28A, AC380V/440V/28A, AC500V/550V/14A, AC660V/690V/14A;</p> <p>TGCA-80004: AC-1: Ue/Ie: AC220V/240V/110A, AC380V/440V/110A, AC500V/550V/110A, AC660V/690V/110A; AC-3: Ue/Ie: AC220V/240V/80A, AC380V/440V/80A, AC500V/550V/49A, AC660V/690V/49A; AC-3e: Ue/Ie: AC220V/240V/80A, AC380V/440V/80A, AC500V/550V/49A, AC660V/690V/49A; AC-4: Ue/Ie: AC220V/240V/37A, AC380V/440V/37A, AC500V/550V/17.3A, AC660V/690V/17.3A;</p> <p>TGCA-95004: AC-1: Ue/Ie: AC220V/240V/135A, AC380V/440V/135A, AC500V/550V/135A, AC660V/690V/135A; AC-3: Ue/Ie: AC220V/240V/95A, AC380V/440V/95A, AC500V/550V/49A, AC660V/690V/49A; AC-3e: Ue/Ie: AC220V/240V/95A, AC380V/440V/95A, AC500V/550V/49A, AC660V/690V/49A; AC-4: Ue/Ie: AC220V/240V/44A, AC380V/440V/44A, AC500V/550V/21.3A, AC660V/690V/21.3A;</p>