



<b>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</b>	
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<b>Name of Testing Laboratory preparing the Report</b> .....	Fujian Inspection and Research Institute for Product Quality(FQII)
<b>Applicant's name</b> .....	Zhejiang Tengen Electric Co.,Ltd.
<b>Address</b> .....	Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Test specification:</b>	
<b>Standard</b> .....	EN IEC 60947-4-1:2025 to be used in conjunction with EN IEC 60947-1:2021
<b>Test procedure</b> .....	
<b>Non-standard test method</b> .....	N/A
<b>TRF template used</b> .....	IECEE OD-2020-F1:2023, Ed.1.6
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<b>Test item description .....</b>	AC Contactor
<b>Trade Mark .....</b>	TENGEN
<b>Manufacturer .....</b>	Zhejiang Tengen Electric Co.,Ltd./ Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Model/Type reference .....</b>	TGCA-40004, TGCA-50004, TGCA-65004, TGCA-80004, TGCA-95004
<b>Ratings .....</b>	<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);            TGCA-40004:            AC-1: Ue/le: AC220V/240V/60A, AC380V/440V/60A,            AC500V/550V/60A, AC660V/690V/60A;            AC-3: Ue/le: AC220V/240V/40A, AC380V/440V/40A,            AC500V/550V/34A, AC660V/690V/34A;            AC-3e: Ue/le: AC220V/240V/40A, AC380V/440V/40A,            AC500V/550V/34A, AC660V/690V/34A;            AC-4: Ue/le: AC220V/240V/18.5A, AC380V/440V/18.5A,            AC500V/550V/9A, AC660V/690V/9A;            TGCA-50004:            AC-1: Ue/le: AC220V/240V/80A, AC380V/440V/80A,            AC500V/550V/80A, AC660V/690V/80A;            AC-3: Ue/le: AC220V/240V/50A, AC380V/440V/50A,            AC500V/550V/39A, AC660V/690V/39A;            AC-3e: Ue/le: AC220V/240V/50A, AC380V/440V/50A,            AC500V/550V/39A, AC660V/690V/39A;            AC-4: Ue/le: AC220V/240V/24A, AC380V/440V/24A,            AC500V/550V/12A, AC660V/690V/12A;            TGCA-65004:            AC-1: Ue/le: AC220V/240V/100A, AC380V/440V/100A,            AC500V/550V/100A, AC660V/690V/100A;            AC-3: Ue/le: AC220V/240V/65A, AC380V/440V/65A,            AC500V/550V/42A, AC660V/690V/42A;            AC-3e: Ue/le: AC220V/240V/65A, AC380V/440V/65A,            AC500V/550V/42A, AC660V/690V/42A;            AC-4: Ue/le: AC220V/240V/28A, AC380V/440V/28A,            AC500V/550V/14A, AC660V/690V/14A;            TGCA-80004:            AC-1: Ue/le: AC220V/240V/110A, AC380V/440V/110A,            AC500V/550V/110A, AC660V/690V/110A;            AC-3: Ue/le: AC220V/240V/80A, AC380V/440V/80A,            AC500V/550V/49A, AC660V/690V/49A;            AC-3e: Ue/le: AC220V/240V/80A, AC380V/440V/80A,            AC500V/550V/49A, AC660V/690V/49A;            AC-4: Ue/le: AC220V/240V/37A, AC380V/440V/37A,            AC500V/550V/17.3A, AC660V/690V/17.3A;            TGCA-95004:            AC-1: Ue/le: AC220V/240V/135A, AC380V/440V/135A,            AC500V/550V/135A, AC660V/690V/135A;            AC-3: Ue/le: AC220V/240V/95A, AC380V/440V/95A,            AC500V/550V/49A, AC660V/690V/49A;            AC-3e: Ue/le: AC220V/240V/95A, AC380V/440V/95A,            AC500V/550V/49A, AC660V/690V/49A;            AC-4: Ue/le: AC220V/240V/44A, AC380V/440V/44A,            AC500V/550V/21.3A, AC660V/690V/21.3A;</p>