



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

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Name of Testing Laboratory preparing the Report : Fujian Inspection and Research Institute for Product Quality (FQI)

Applicant's name : Zhejiang Tengen Electrics Co.,Ltd.
Address..... : Sulv Industry Zone, 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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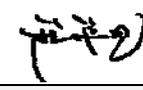
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Test item description	AC Contactor
Trade Mark	
Manufacturer	Zhejiang Tengen Electrics Co.,Ltd./ Sulv Industry Zone, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
Model/Type reference	TGCA-0911, TGCA-0911N, TGCA-1211, TGCA-1211N, TGCA-1611, TGCA-1611N
Ratings	<p>Uimp:6kV;Ui:690V;Ue:AC220/230V,AC380/400V,AC660/690V;</p> <p>TGCA-0911: Ith:20A; AC-1:20A(AC220/230V,AC380/400V); AC-3:9A/9A/6.6A(AC220/230V,AC380/400V,AC660/690V); AC-4:3.5A/3.5A/1.5A(AC220/230V,AC380/400V,AC660/690V);</p> <p>TGCA-1211: Ith:25A; AC-1:25A(AC220/230V,AC380/400V); AC-3:12A/12A/8.9A(AC220/230V,AC380/400V,AC660/690V); AC-4:5A/5A/2A(AC220/230V,AC380/400V,AC660/690V);</p> <p>TGCA-1611: Ith:25A; AC-1:25A(AC220/230V,AC380/400V); AC-3:16A/16A/8.9A(AC220/230V,AC380/400V,AC660/690V); AC-4:7.7A/7.7A/3.5A(AC220/230V,AC380/400V,AC660/690V);</p> <p>TGCA-0911N: Ith:20A; AC-1:20A(AC220/230V,AC380/400V); AC-4:3.5A/3.5A/1.5A(AC220/230V,AC380/400V,AC660/690V);</p> <p>TGCA-1211N: Ith:25A; AC-1:25A(AC220/230V,AC380/400V); AC-4:5A/5A/2A(AC220/230V,AC380/400V,AC660/690V);</p> <p>TGCA-1611N: Ith:25A; AC-1:25A(AC220/230V,AC380/400V); AC-4:7.7A/7.7A/3.5A(AC220/230V,AC380/400V,AC660/690V);</p> <p>Utilization category: AC-1(TGCA-0911, TGCA-0911N, TGCA-1211, TGCA-1211N, TGCA-1611, TGCA-1611N), AC-3(TGCA-0911, TGCA-1211, TGCA-1611), AC-4(TGCA-0911, TGCA-0911N, TGCA-1211, TGCA-1211N, TGCA-1611, TGCA-1611N);</p> <p>Us:AC24V,AC36V,AC48V,AC110V,AC220V,AC380V,AC400V, AC415V,50Hz; AC24V,AC36V,AC48V,AC110V,AC220V,AC380V,AC400V,AC415V, 50/60Hz;</p> <p>3P; Auxiliary contact:1NO1NC;Uimp:6kV,Ui:690V,Ith:10A; AC-15:Ue/Ie:AC380V/0.95A,AC220V/1.6A; DC-13:AC220V/0.15A.</p>

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Fujian Inspection and Research Institute for Product Quality(FQII)
Testing location/ address.....:		No. 121, Shan Tou Jiao, West Yang G. Road, Fuzhou, Fujian, P.R.China & No.101 Baozhen Road Mawei Economic Development Zone, Fuzhou,Fujian,China
Tested by (name, function, signature).....:		Zhang Fan (Engineer) 
Approved by (name, function, signature)....:		Wei Yunming (Chief Engineer) 
Testing procedure: CTF Stage 1:		
Testing location/ address.....:		
Tested by (name, function, signature).....:		
Approved by (name, function, signature)....:		
Testing procedure: CTF Stage 2:		
Testing location/ address.....:		
Tested by (name + signature).....:		
Witnessed by (name, function, signature) .:		
Approved by (name, function, signature)....:		
Testing procedure: CTF Stage 3:		
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) :		