



Test Report issued under the responsibility of:



TEST REPORT IEC 61009-1 Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) Part 1: General rules	
Report Number :	CN237G3J 001
Date of issue :	2023-03-27
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Name of Testing Laboratory preparing the Report	Zhejiang Testing & Inspection Institute for Mechanical and Electrical Products Quality Co., Ltd. (ZTME) No 125 Miaohouwang Road Binjiang District Hangzhou, Zhejiang CHINA
Applicant's name	Zhejiang Tengen Electric Co., Ltd.
Address :	Sulv Industrial Area, Liushi Town, Yueqing City, 325604 Zhejiang P.R. China
Test specification:	
Standard	IEC 61009-1:2010, IEC 61009-1:2010/AMD1:2012, IEC 61009-1:2010/AMD2:2013 used in conjunction with IEC 61009-2-1:1991 or IEC 61009-2-2:1991
Test procedure	CB Scheme
Non-standard test method	N/A
TRF template used :	IECEE OD-2020-F1:2021, Ed.1.4
Test Report Form No.	IEC61009_1G
Test Report Form(s) Originator :	OVE
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Test item description	RCBOs	
Trade Mark(s).....	TENGEN	
Manufacturer	Zhejiang Tengen Electric Co., Ltd.	
Model/Type reference	TGB1NLE-40L;TGB1NLA-40L	
Ratings	U _e : AC230/240V(1P+N) 50/60 Hz; U _i :500V; U _{imp} :4kV; I _n :10/16/20/25/32/40A; B-/C-/D- type; I _{Δn} :30mA, 50 mA, 75 mA , 100mA, 300mA; Type A, Type AC for general type ; I _{Δm} =I _m =3000A; I _{cs} =I _{cn} =6kA; -25 to +50 °C	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Zhejiang Testing & Inspection Institute for Mechanical and Electrical Products Quality Co., Ltd. (ZTME)
Testing location/ address.....	No 125 Miaohouwang Road Binjiang District Hangzhou, Zhejiang CHINA	
Tested by (name, function, signature)	Cai Yizhou (Tester)	<i>Cai Yizhou</i>
Approved by (name, function, signature) ...:	Ma Lin (Approver)	<i>Ma Lin</i>
<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:	
Testing location/ address.....		
Tested by (name + signature)		
Witnessed by (name, function, signature) ...:		
Approved by (name, function, signature) ...:		
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	
<input type="checkbox"/>	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) ...:		