

# CE TEST REPORT

Application No.: CE2023CQC0303-014328

Report Ref. No.: CE-045-1CE230031

Name of product: Residual-current circuit breakers

Model: TGB1NLE-125,TGB1NLE-125H,TGB1NLA-125,TGB1NLA-125H,TGB1NLG-125,TGB1NLG-125H,TGBKLE-125,TGBKLE-125H,TGBKLG-125,TGBKLG-125H,TGBKLA-125,TGBKLA-125H,TGBDLE-125,TGBDLE-125H,TGBDLG-125,TGBDLG-125H,TGBGLE-125,TGBGLE-125H,TGBGLG-125,TGBGLG-125H,TGBGLA-125,TGBGLA-125H,TGBHLE-125,TGBHLE-125H,TGBHLG-125,TGBHLG-125H,TGBHLA-125,TGBHLA-125H


Name of Laboratory: Zhejiang Testing & Inspection  
Institute for Mechanical and  
Electrical Products Quality Co.,Ltd.




CHINA QUALITY CERTIFICATION CENTRE

Test Report issued under the responsibility of:

Zhejiang Testing & Inspection Institute for  
Mechanical And Electrical Products Quality Co.,Ltd.

<b>TEST REPORT</b> <b>EN 60947-2</b> <b>Low-voltage switchgear and controlgear - Part 2: Circuit-breakers</b>	
<b>Report Reference No.</b> .....	CE-045-1CE230031
Date of issue .....	26,02,2024
Total number of pages .....	17
<b>Testing Laboratory</b> .....	<b>Zhejiang Testing &amp; Inspection Institute for Mechanical and Electrical Products Quality Co., Ltd. (ZTME)</b>
Address .....	No 125 Miaohouwang Road Binjiang District Hangzhou, Zhejiang CHINA
<b>Applicant's name</b> .....	<b>Zhejiang Tengen Electrics Co.,Ltd.</b>
Address .....	Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Test specification:</b>	
Standard .....	EN 60947-2:2017+A1:2020
Test procedure .....	Type approval
Non-standard test method .....	N/A
<b>Test Report Form No.</b> .....	IEC60947_2H
Test Report Form(s) Originator .....	DEKRA Certification BV
Master TRF .....	Dated 2017-04
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<b>This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.</b>	
<b>Test item description</b> .....	<b>Residual-current circuit breakers</b>
Trade Mark .....	
Manufacturer .....	Zhejiang Tengen Electrics Co.,Ltd./ Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
Model/Type reference .....	TGB1NLE-125,TGB1NLE-125H,TGB1NLA-125,TGB1NLA-125H,TGB1NLG-125,TGB1NLG-125H,TGBKLE-125,TGBKLE-125H,TGBKLG-125,TGBKLG-125H,TGBKLA-125,TGBKLA-125H,TGBDLE-125,TGBDLE-125H,TGBDLG-125,TGBDLG-125H,TGBGLE-125,TGBGLE-125H,TGBGLG-125,TGBGLG-125H,TGBGLA-125,TGBGLA-125H,TGBHLE-125,TGBHLE-125H,TGBHLG-125,TGBHLG-125H,TGBHLA-125,TGBHLA-125H
Ratings .....	Ue:AC220V/230V/240V(1P+N,2P),AC380V/400V/415V (3P,3P+N,4P/TGB1NLE-125,TGB1NLE-125H,TGB1NLA-125,TGB1NLA-125H,TGBKLE-125,TGBKLE-125H,TGBKLA-

125,TGBKLA-125H,TGBDLE-125,TGBDLE-125H,TGBGLE-125,TGBGLE-125H,TGBGLA-125,TGBGLA-125H,TGBHLE-125,TGBHLE-125H,TGBHLA-125,TGBHLA-125H);  
Ui:690V;Uimp:4kV;In:63A,80A,100A,125A; Thermal Magnetic Over-current Release;Icu=Ics:6kA; Type H Icu:10kA;Ics:7.5kA;I $\Delta$ n:30mA,50mA,75mA,100mA,300mA/type AC, type A;Electronic Residual Current Tripping Unit;I $\Delta$ m:2kA; Type H:I $\Delta$ m:2.5kA; Selectivity category: A; Poles: 1P+N(With one protective poles, Uninterrupted neutral, not used for disconnection), 2P(used for disconnection), 3P(used for disconnection), 3P+N(With three protective poles, Uninterrupted neutral, not used for disconnection), 4P(used for disconnection)

<b>Testing procedure and testing location:</b>		
<input checked="" type="checkbox"/>	<b>Testing Laboratory:</b>	<b>Zhejiang Testing &amp; Inspection Institute For Mechanical and Electrical Products Quality Co.,Ltd.</b>
<b>Testing location/ address.....:</b>		No.125, Miaohouwan Road, Binjiang District, Hangzhou, Zhejiang 310051, P.R. China
<b>Tested by (name + signature) .....</b> :		Gao yunyan(test engineer) 
<b>Approved by (name + signature) .....</b> :		Ma Lin(Approver) <i>Malin</i>
<input type="checkbox"/>	<b>Testing procedure: TMP</b>	
<b>Testing location/ address.....:</b>		
<b>Tested by (name + signature) .....</b> :		
<b>Approved by (name + signature) .....</b> :		
<input type="checkbox"/>	<b>Testing procedure: WMT</b>	
<b>Testing location/ address.....:</b>		
<b>Tested by (name + signature) .....</b> :		
<b>Witnessed by (name + signature) .....</b> :		
<b>Approved by (name + signature) .....</b> :		
<input type="checkbox"/>	<b>Testing procedure: SMT</b>	
<b>Testing location/ address.....:</b>		
<b>Tested by (name + signature) .....</b> :		
<b>Approved by (name + signature) .....</b> :		
<b>Supervised by (name + signature) .....</b> :		