

# CE TEST REPORT

Application No.: CE2020CQC0314-011263

Report Ref. No.: CE-045-1C211446

Name of product: Miniature Circuit-breaker

Model: TGB1N-40,TGBK-40,TGBD-40,TGBG-40,  
TGBH-40,TGB1N-40f,TGB1N-40a

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.

**TEST REPORT**  
**IEC/EN 60898-1**  
**Circuit-breakers for over current protection for  
household and similar installations**

Report Reference No. ....: CE-045-1C211446

Date of issue .....: 21.12.2021

Total number of pages .....: 104 pages

Applicant's name .....: Zhejiang Tengen Electrics Co.,Ltd.

Address .....: Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang  
Province, P.R.China

**Test specification:**

Standard.....:  IEC 60898-1:2015+AMD1:2019 and/or

EN 60898-1:2019

Test procedure .....: ~~CB~~ CCA

Non-standard test method.....: N/A

Test Report Form No. ....: IEC/EN60898\_1E

Test Report Form(s) Originator .....: DEKRA Certification B.V.

Master TRF .....: Dated 2020-04-17

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Test item description .....: Miniature Circuit-breaker

Trade Mark .....: 

Manufacturer .....: Zhejiang Tengen Electrics Co.,Ltd.

Model/Type reference .....: TGB1N-40,TGBK-40,TGBD-40,TGBG-40,TGBH-40,TGB1N-40f,TGB1N-40a

Ratings .....: TGB1N-40,TGBK-40,TGBD-40,TGBG-40,TGBH-40,TGB1N-40f,TGB1N-40a;Ui:500V;Uimp:4kV;  
Ue:AC220V/AC230V/AC240V;TGB1N-40,TGBK-40,TGBD-40,TGBG-40,TGBH-40,TGB1N-40a:Ics=Icn:4500A;TGB1N-40f:Ics=Icn:3000A;In: 6A,10A,16A,20A,25A,32A,40A; Type:C,D; 1P+N;50/60Hz;

<b>Testing procedure and testing location:</b>	
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>	
<input checked="" type="checkbox"/>	<b>Testing Laboratory:</b> Zhejiang Testing & Inspection Institute for Mechanical and Electrical Products Quality Co.,Ltd. <b>Testing location/ address .....</b> : No. 125 Machouwang Road Binjiang District Hangzhou, Zhejiang CHINA <b>Tested by (name, function, signature) .....</b> : Zhu Lin (Test Engineer) <i>Zhu Lin</i> <b>Approved by (name, function, signature) .....</b> : Ma Lin (Approver) <i>Ma Lin</i>
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 1:</b> N/A <b>Testing location/ address .....</b> : N/A <b>Tested by (name, function, signature) .....</b> : N/A <b>Approved by (name, function, signature) ..</b> : N/A
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 2:</b> N/A <b>Testing location/ address .....</b> : N/A <b>Tested by (name + signature) .....</b> : N/A <b>Witnessed by (name, function, signature) . :</b> N/A <b>Approved by (name, function, signature) .. :</b> N/A
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 3:</b> N/A <input type="checkbox"/> <b>Testing procedure: CTF Stage 4:</b> N/A <b>Testing location/ address .....</b> : N/A <b>Tested by (name, function, signature) .....</b> : N/A <b>Witnessed by (name, function, signature) . :</b> N/A <b>Approved by (name, function, signature) .. :</b> N/A <b>Supervised by (name, function, signature) :</b> N/A