



Test Report issued under the responsibility of:



**TEST REPORT**  
**IEC 60947-2**  
**Low-voltage switchgear and controlgear - Part 2: Circuit-breakers**

**Report Number.....:** (2024)FQIIDQ-1121

**Date of issue.....:** 2024-06-25

**Total number of pages.....** 243

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

**Applicant's name .....** Zhejiang Tengen Electric Co., Ltd.

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

**Test specification:**

**Standard.....:** IEC 60947-2:2016, IEC 60947-2:2016/AMD1:2019, for use in conjunction IEC 60947-1:2007, IEC 60947-1:2007/AMD1:2010, IEC 60947-1:2007/AMD2:2014

**Test procedure .....** CB Scheme

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

**Test Report Form No. ....:** IEC60947\_2K

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

**Master TRF.....:** Dated 2023-09-14

**Copyright © 2023 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved.**

This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

**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.**

**General disclaimer:**

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing NCB. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

<b>Test item description .....</b>	Moulded Case Circuit Breaker
<b>Trade Mark(s) .....</b>	/
<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>	TGM3-250C,TGM3-250E,TGM3-250N,TGM3-250L,TGM3-250S, TGM3-250M,TGM3-250H,TGM3-250R
<b>Ratings :</b>	Ui:1000V;Uimp:8kV; Ue:AC380V/AC400V/AC415V;50Hz/60Hz; In: 100A,125A,140A,150A,160A,170A,180A,200A,225A,250A; Type of over-current release:Thermo-magnetic; Type C:Ics:36kA,Icu:36kA;Type E:Ics:40kA,Icu:40kA; Type N:Ics:40kA,Icu:50kA;Type L:Ics:50kA,Icu:50kA; Type S:Ics:50kA,Icu:70kA;Type M:Ics:70kA,Icu:70kA; Type H:Ics:70kA,Icu:100kA;Type R:Ics:100kA,Icu:100kA; Selectivity category:A;Trip class:20 ; 3P,4P,3P+N;Suitable for isolation(Except 3P+N); Matching auxiliary contact:OF3M12, Alarm contact:SD3M12:1NO1NC,2NO2NC; Ui:690V;Ith:5A;AC-15:AC380V/400V/415V/0.3A; DC-13:DC110V/220V/250V/0.15A.