
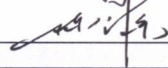


Test Report issued under the responsibility of:



| | |
|--|---|
| TEST REPORT EN 60269-4 Low-voltage fuses Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices | |
| Report Number.....: | 03601-A-23D0187-S |
| Date of issue.....: | 2024-04-25 |
| Total number of pages.....: | 29 |
| Name of Testing Laboratory preparing the Report.....: | Suzhou Electrical Apparatus Science Research Institute Co., Ltd.(EETI) |
| Applicant's name.....: | Zhejiang Tengen Electric Co., Ltd. |
| Address.....: | Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China |
| Test specification: | |
| Standard.....: | EN 60269-4:2009, EN 60269-4:2009/AMD1:2012, EN 60269-4:2009/AMD2:2016 |
| Test procedure.....: | CCA Scheme |
| Non-standard test method.....: | N/A |
| TRF template used.....: | IECEE OD-2020-F1:2022, Ed.1.5 |
| Test Report Form No.: | EN60269_4D |
| Test Report Form(s) Originator | CQC |
| Master TRF.....: | Dated 2023-08-17 |
| 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. | |
| 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. | |

| | | |
|---|--|---|
| Test item description | Fuse for the protection of semiconductor equipment | |
| Trade Mark | TENGEN | |
| Manufacturer | Zhejiang Tengen Electric Co.,Ltd. Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China | |
| Model/Type reference | TGRS3Z-5EP | |
| Ratings | See Page 6 | |
| Responsible Testing Laboratory (as applicable), testing procedure and testing location(s): | | |
| <input checked="" type="checkbox"/> | Testing Laboratory: | Suzhou Electrical Apparatus Science Research Institute Co., Ltd.(EETI) |
| | Testing location/ address | No.7 Yonghe Street, Binhe Road, New District, Suzhou, China |
| | Tested by (name, function, signature) | Fang Gang (Team leader)  |
| | Approved by (name, function, signature) .. | Chen Yuan(Supervisor)  |
| <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) : | |