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TC-5389

RP-2526-008958

# TEST REPORT

ULR-TC538925000014793F



| NAME & ADDRESS OF THE CUSTOMER | TEST REPORT NO.: RP-2526-008958<br>DATE OF ISSUE: 17/06/2025 | |
|---|---|---|
| **ELINS SWITCH BOARDS PVT. LTD.**<br># 65A1, 3RD CROSS,<br>BOMMASANDRA INDUSTRIAL AREA,<br>BANGALORE, KARNATAKA – 560099 | **CUSTOMER REF. NO.** | **DATED** |
| | Letter | 29/03/2025 |
| **MANUFACTURED BY:**<br>Elins Switch boards Pvt. Ltd. | **DATE OF SAMPLE RECEIPT** | **DATE OF TESTING** |
| | 31/03/2025 | 17/04/2025 to 17/06/2025 |

**SAMPLE DESCRIPTION**
**(As provided by customer)**

**LOW VOLTAGE MODULAR PANEL**

| | |
|---|---|
| Rated voltage | : 415V |
| Rated current (Incoming) | : 4000A |
| Rated frequency | : 50Hz |
| No. of phases | : 3PH + N + E |
| Quantity (tested) | : 1 No. |

Further details as per attached SHEET 4 to 8 OF 109

**SAMPLE IDENTIFICATION**

**ERDA sample code no.(Sample for severity):**
ERDA-00626435
**ERDA sample code no.(For panel):**
ERDA-00626434

**Type Designation:**
E CUBE MODULAR SWITCH BOARD

**Serial no.:** 2025/03/15

**TEST DETAILS**
As per SHEET 2 OF 109

**TEST SPECIFICATION**
As per customer's requirement &
Test procedure followed as per
IEC 61439-1: 2020 & IEC 61439-2: 2020

**ENCLOSURES:** 1) Photograph Nos. : 2526-000228/A to F (Total 06 Nos.)
2) Oscillogram Nos. : 2526-000228/01 & 10, 2526-000228/11 & 20, 2526-000228/21 & 30, 2526-000228/31 & 40, 2526-000228/41 & 50, 2526-000228/51 & 60, 2526-000228/61 & 70, 2526-000228/71 & 80, 2526-000228/81 & 90, 2526-000228/91 & 100, 2526-000228/101 & 110, 096/01 to 096/30 (Total 52 Nos.)
3) Drawing Nos. : As per SHEET 3 OF 109
4) Test circuit diagram no.: OLSC/SWG/47, OLSC/SWG/49, OLSC/SWG/45

**TEST WITNESSED BY:** Mr. SURESH. S from M/s. ELINS SWITCH BOARDS PVT. LTD.

**NOTE:** i) 02 Nos. Fans were kept in ON condition during temperature rise test.
ii) Sample consist of main horizontal busbars, vertical busbars, neutral busbar, earth busbar, 1no. of incoming ACB, 2nos. of outgoing ACB, 2nos. of outgoing MCCBs and 2nos. Vacant compartment.
iii) Vertical busbar Short circuit withstand Strength test was not carried out as on request of customer.

**REMARKS:** 1) Sample **does not conform** to the requirement of the standard for the test Sr. No. 2.0.
2) Sample **conforms** to the requirement of the standard for the test Sr. No. 1.1, 1.2, 1.3, 1.5, 3.0, 4.0, 5.0 & 6.0.
3) The sample **conforms** to the requirements of short circuit withstand strength test as specified by the customer (Test sr. no. 7.0).

**TEST RESULTS:** As per attached sheets for Marking test (Test sr. no. 1.4).

K.B.Parmar
**CHECKED BY**

**(MUNAF PATEL)**
**APPROVED BY**

Note:
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2. This report cannot be reproduced in part under any circumstances.
3. Publication of this report requires prior permission in writing from Director, ERDA.
4. This report shall not be used for any purpose such as PR brochures, propaganda, advertisement and/or legal proceedings, unless for the granted purpose.
5. Only the tests asked for by the customer have been carried out.
6. Particulars of manufacturer/supplier, given in this report are based on information supplied by the customer, along with the test request/sample. ERDA does not assume any responsibility for the correctness of the information for above mentioned Sample Under Test (SUT). ERDA will not be responsible for any changes in SUT made after the test. This test report is given as per instrument status while testing.
7. In case of any dispute, Vadodara will be the exclusive jurisdiction & shall be construed as where the cause has arised.

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TC 3836899

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