



# केन्द्रीय विद्युत अनुसंधान संस्थान

(भारत सरकार, विद्युत मंत्रालय)

क्षेत्रीय परीक्षण प्रयोगशाला

3 ए, इंस्टीट्यूशनल एरिया, सेक्टर- 62, नोएडा- 201 309, गौतम बुद्ध नगर, उत्तर प्रदेश, भारत

**CENTRAL POWER RESEARCH INSTITUTE**

( Govt. of India, Ministry of Power )

**REGIONAL TESTING LABORATORY**

3 A, Institutional Area, Sector - 62, Noida - 201 309, Gautam Buddha Nagar, Uttar Pradesh, India

वेबसाइट website : [www.cpri.res.in](http://www.cpri.res.in)

संदर्भ क्रमांक : सीपीआरआई/आरटीएल/एचवी/2026-27/ 2353  
सेवा में/To,

दिनांक (Date) : 03 AUG 2026

मेसर्स. टेलीपावर इंजीनियर्स

पहला, एफ44, 156ए, लेनिन सरानी, वेलिंगटन,

कोलकाता, बेस्ट बंगाल-700 013.

Contact No. 9831274287

M/s. Telepower Engineers

1st, F44, 156A, Lenin Sarani, Waylington,  
Kolkata, West Bengal-700 013.

विषय (Sub): परीक्षण प्रमाणपत्र (Test Report): CPRINOAHV26T0457

Dt.: 24.07.2026

महोदय / Dear sir,

हमारी प्रयोगशाला में आपके सैंपल पर दिनांक 13.07.2026 से 14.07.2026 तक संचालित परीक्षण के संबंध में विषयानुसार दस्तावेज संलग्न है।

Please find attached the subjected documents in respect of the test(s) conducted on your sample from 13.07.2026 to 14.07.2026 at our laboratory.

रिपोर्ट में यदि असंगतियां हो तो इस रिपोर्ट के जारी होने की तारीख से 45 दिन के अंदर लिखित रूप में हमारे ध्यान में लाई जाय ताकि आवश्यक संसोधन किया जा सके और इसके लिए रिपोर्ट की सभी मूल प्रतियां लौटाई जाय। कृपया नोट करें कि इस तारीख के बाद प्राप्त अनुरोधों पर कोई कार्यवाही नहीं की जायेगी।

Any discrepancies in the test report must be brought to our notice in writing within 45 days of the date of issue of this test report for effecting necessary corrections for which all the original copies of the test report must be returned.

Please note that request received beyond this date will not be entertained.

दस्तावेजों की प्राप्ति की पावती भेजे।

Please acknowledge receipt of the documents.

सधन्यवाद, Thanking you,

संलग्न : उपरोक्त

Encl : As above

भवदीय (Yours sincerely)

*[Signature]*  
31/07/2026  
ईकोई-प्रमुख  
Unit-Head

**CPRI**

# **TEST REPORT**



**CENTRAL POWER RESEARCH INSTITUTE**

**(A Govt. of India Society)**

**Regional Testing Laboratory**

**3A, Institutional Area, Sector - 62**

**Noida - 201 309**

# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



### CPRI

**Test Report Number** : CPRINOAHV26T0457

**Name and Address of the Customer** : M/s. Telepower Engineers  
1st, F44, 156A, Lenin Sarani, Waylington,  
Kolkata, West Bengal-700 013.

**Name and Address of the Manufacturer** : M/s. Telepower Engineers  
1st, F44, 156A, Lenin Sarani, Waylington,  
Kolkata, West Bengal-700 013.

**Particulars of sample tested** : 415 V, 400 A, 3 Phase, LT Panel

**Type** : Outdoor

**Description of test sample** : Refer Sheet 2 of 5

**Serial Number** : TE/TEST/703

**Number of samples tested** : One

**Date of receipt of sample** : 10 July 2026

**Date(s) of Test(s)** : 13 July 2026 to 14 July 2026

**CPRI Sample code number(s)** : NOAHV26S0404

**Particulars of tests conducted** : Refer Sheet 3 of 5

**Test in accordance with Standard/Specification** : IS/IEC 61439-1: 2020 & IS/IEC 61439-2: 2020

**Sampling Plan** : Nil

**Customer's Requirement** : Nil

**Deviations if any** : Nil

**Name of the witnessing persons**

**Customers representative** : Mr. Tarun Kumar Bhattacharjee

**Other than customer's representatives** : Nil

**Name and Address of External Service Provider (if applicable)** : Nil

**Documents constituting this report (in words)**

**Number of Sheets** : Five

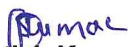
**Number of Oscillogram(s)** : Nil

**Number of Graph(s)** : Nil

**Number of Photograph(s)** : Two

**Number of Test Circuit Diagram(s)** : Nil

**Number of Drawing(s)** : Three

  
(Satish Kumar)  
Test Engineer



  
(L.N. GIRI)  
Engineering Officer Gr. 4  
Reviewed and Authorized by

# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



Test Report Number: CPRINOAHV26T0457

Date: 24 July 2026

### DESCRIPTION OF SAMPLE TESTED (As assigned by the manufacturer)

|                                |                          |
|--------------------------------|--------------------------|
| Sample                         | : LT Panel               |
| Rated voltage (Volts)          | : 415                    |
| Rated current (Amps)           | : 400                    |
| Frequency (Hz)                 | : 50                     |
| Insulation level               | : 690 V                  |
| No. of Phases                  | : 3 PH+N                 |
| Dimension of Equipment (HxWxD) | : 850 mm x600 mm x350 mm |

  
(Satish Kumar)  
Test Engineer

# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



Test Report Number: CPRINOAHV26T0457

Date: 24 July 2026

### SUMMARY OF TESTS CONDUCTED

1. Tests conducted : Degree of Protection: IP-65
2. Rating for which tested : 1) Protection against solid foreign body: IP-6X  
2) Protection against Ingress of water: IP-X5
3. Schedule of tests

| Test Conducted              | Clause Numbers                                      | Sheet  |
|-----------------------------|-----------------------------------------------------|--------|
| Degree of Protection: IP-65 | 10.3 of IS/IEC 61439-1: 2020 & IS/IEC 61439-2: 2020 | 4 of 5 |

4. Oscillogram Numbers : Nil
5. Graph Numbers : Nil
6. Photograph Numbers : CPRINOAHV26T0457P01 & CPRINOAHV26T0457P02
7. Test Circuit Diagram Numbers : Nil
8. Drawing Numbers : As given below

### Drawing Numbers

The manufacturer has guaranteed that the sample submitted for the test(s) has been manufactured in accordance with the following drawings

| Sl. No. | Drawing Number | Sheet Number | Revision Number |
|---------|----------------|--------------|-----------------|
| 1       | TE/TEST/703    | 1 of 3       | 0               |
| 2       | TE/TEST/703    | 2 of 3       | 0               |
| 3       | TE/TEST/703    | 3 of 3       | 0               |

It is verified that these drawings adequately represent the sample tested. Verification of these drawings by CPRI is limited to dimensional check only wherever possible.

  
(Satish Kumar)  
Test Engineer

# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



Test Report Number: CPRINOAHV26T0457

Date: 24 July 2026

### TEST RESULTS

Test conducted : Degree of Protection: IP-65

1) Protection against solid foreign body: IP-6X

Date of test : 13 July 2026

Condition of the sample before test : New

Test Details

| Test Description                                                                                                                                 | Differential Pressure | Test Duration |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|
| The test object is placed inside a closed chamber in which talcum powder (unscented) is maintained in suspension by air current as per standard. | 200 mm                | 8 Hours       |

Observations: No traces of talcum powder were observed inside the sample after IP-6X.

2) Protection against ingress of water: IP-X5

Date of test : 14 July 2026

Test details : The sample was washed from all the directions by means of hose nozzle with a diameter of 6.3 mm held at distance of 3 meters, delivery rate being maintained at 12.5 litres per minute as per standard. Test duration was 3.0 minutes.

Observations : No traces of water observed inside the sample after IPX5 test.

Conclusion : The sample tested complies with the requirement of clause no. 10.3 of IS/IEC 61439-1: 2020 & IS/IEC 61439-2: 2020 for the tests conducted.

  
(Satish Kumar)  
Test Engineer

# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



Test Report Number: CPRINOAHV26T0457

Date: 24 July 2026

### NOTE

- The Test results relate only to the sample(s) tested.
- Publication or reproduction of this Test Report in any form other than by complete set of the whole Test Report and in the language written is not permitted without the written consent of CPRI.
- Any Corrections / erasure invalidate the Test Report.
- Any anomaly / discrepancy in the Test Report should be brought to notice of CPRI within 45 days from the date of issue.
- The laboratory is responsible for all the information provided in the report, except for the information provided by the customer. Data provided by a customer is clearly identified.
- NABL has Accredited this laboratory as per ISO/IEC 17025: 2017, vide certificate no. TC-5223 for the tests carried out.



TC-5223



  
(Satish Kumar)  
Test Engineer

-----End of Test Report-----

# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



**CPRI**

Test Report Number: CPRINOAHV26T0457

Date: 24 July 2026



Photograph Number: CPRINOAHV26T0457P01 (During Test)

  
(Satish Kumar)  
Test Engineer

# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



# CPRI

Test Report Number: CPRINOAHV26T0457

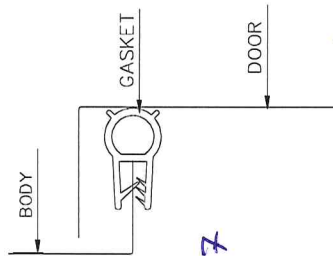
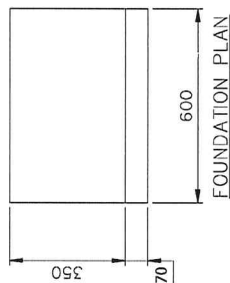
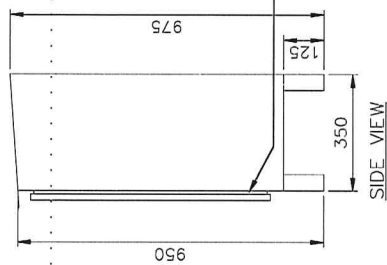
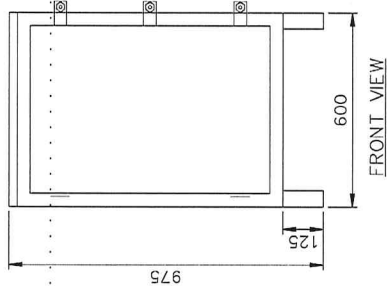
Date: 24 July 2026



Photograph Number: CPRINOAHV26T0457P02 (After Test)

  
(Satish Kumar)  
Test Engineer

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
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| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12 | 13                                                                      | 14 | 15                                                                                                                                                                                                                                                                    | 16 | 17 | 18 |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>150</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>TELEPOWER ENGINEERS</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>KOLKATA, WEST BENGAL-700013</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>EQUIPMENT : LT PANEL</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>SR.NO. : TE/TEST/703</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>RATED VOLTAGE : 415V</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>RATED CURRENT : 400A</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>RATED FREQUENCY : 50HZ</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>NAME PLATE</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>यह चित्र सीपीआरआई से संबंधित है।<br/>This drawing pertains to CPRI<br/>परीक्षण रिपोर्ट सं./Test Report No. CPRI/NO.A HV26 T0457<br/>दिनांक/Date. 24 July 2022</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>GENERAL TOLERANCE ±2%</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>सीपीआरआई द्वारा इस चित्र का सत्यापन<br/>जुहों भी संभव हो, यह केवल आयामी<br/>जांच तक ही सीमित है।<br/>VERIFICATION OF THIS DRAWING<br/>BY CPRI IS LIMITED TO<br/>DIMENSIONAL CHECK ONLY, WHEREVER POSSIBLE</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <div>परीक्षण अभियंता<br/>आरटीएल, सीपीआरआई नोएडा<br/>TEST ENGINEER<br/>RTL, CPRI, NOIDA</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <table><tr><td colspan="2">TITLE</td><td colspan="2">415V 400A LT SWITCHBOARD</td><td colspan="2">SR.NO.<br/>TE/TEST/703</td></tr><tr><td colspan="2">CLIENT</td><td colspan="2">--</td><td colspan="2">DRAWING NO.<br/>TE/TEST/703</td></tr><tr><td colspan="2">PROJECT</td><td colspan="2">IP65 DEGREE OF PROTECTION TEST</td><td colspan="2">REV. SHEET<br/>0 1 OF 3</td></tr><tr><td colspan="2">CONSULTANT</td><td colspan="2">--</td><td colspan="2">ALL DIMENSION ARE IN mm.</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    | TITLE               |  | 415V 400A LT SWITCHBOARD                                                |  | SR.NO.<br>TE/TEST/703 |  | CLIENT |  | --                                                                                                                                                                                                                                                                    |  | DRAWING NO.<br>TE/TEST/703 |  | PROJECT |  | IP65 DEGREE OF PROTECTION TEST |  | REV. SHEET<br>0 1 OF 3 |  | CONSULTANT |  | -- |  | ALL DIMENSION ARE IN mm. |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| TITLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | 415V 400A LT SWITCHBOARD                                                |    | SR.NO.<br>TE/TEST/703                                                                                                                                                                                                                                                 |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| CLIENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    | --                                                                      |    | DRAWING NO.<br>TE/TEST/703                                                                                                                                                                                                                                            |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| PROJECT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    | IP65 DEGREE OF PROTECTION TEST                                          |    | REV. SHEET<br>0 1 OF 3                                                                                                                                                                                                                                                |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| CONSULTANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    | --                                                                      |    | ALL DIMENSION ARE IN mm.                                                                                                                                                                                                                                              |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| <table><tr><td colspan="2">TELEPOWER ENGINEERS</td><td colspan="2">1st, F44, 156A LENIN SARANI, WAYLINGTON,<br/>KOLKATA, WEST BENGAL-700013</td></tr><tr><td colspan="2">CHKD.</td><td colspan="2">CHKD.</td><td colspan="2">This Drawing &amp; any information or descriptive matter set out hereon are the confidential property of<br/>TELEPOWER ENGINEERS &amp; must not be disclosed, loaned, copied or used for manufacturing,<br/>tendering or for any other purpose without their written permission</td></tr><tr><td colspan="2">DRWN.</td><td colspan="2">DRWN.</td><td colspan="2"></td></tr><tr><td colspan="2">DATE</td><td colspan="2">DATE</td><td colspan="2"></td></tr><tr><td colspan="2">REV.</td><td colspan="2">REV.</td><td colspan="2"></td></tr><tr><td colspan="2">TARUN</td><td colspan="2">TARUN</td><td colspan="2">03.07.26</td></tr><tr><td colspan="2">CHKD.</td><td colspan="2">CHKD.</td><td colspan="2"></td></tr><tr><td colspan="2">APPD.</td><td colspan="2">APPD.</td><td colspan="2"></td></tr><tr><td colspan="2">DATE</td><td colspan="2">DATE</td><td colspan="2"></td></tr></table> |    |                                                                         |    |                                                                                                                                                                                                                                                                       |    |    |    | TELEPOWER ENGINEERS |  | 1st, F44, 156A LENIN SARANI, WAYLINGTON,<br>KOLKATA, WEST BENGAL-700013 |  | CHKD.                 |  | CHKD.  |  | This Drawing & any information or descriptive matter set out hereon are the confidential property of<br>TELEPOWER ENGINEERS & must not be disclosed, loaned, copied or used for manufacturing,<br>tendering or for any other purpose without their written permission |  | DRWN.                      |  | DRWN.   |  |                                |  | DATE                   |  | DATE       |  |    |  | REV.                     |  | REV. |  |  |  | TARUN |  | TARUN |  | 03.07.26 |  | CHKD. |  | CHKD. |  |  |  | APPD. |  | APPD. |  |  |  | DATE |  | DATE |  |  |  |
| TELEPOWER ENGINEERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    | 1st, F44, 156A LENIN SARANI, WAYLINGTON,<br>KOLKATA, WEST BENGAL-700013 |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| CHKD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | CHKD.                                                                   |    | This Drawing & any information or descriptive matter set out hereon are the confidential property of<br>TELEPOWER ENGINEERS & must not be disclosed, loaned, copied or used for manufacturing,<br>tendering or for any other purpose without their written permission |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| DRWN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | DRWN.                                                                   |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    | DATE                                                                    |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| REV.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    | REV.                                                                    |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| TARUN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | TARUN                                                                   |    | 03.07.26                                                                                                                                                                                                                                                              |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| CHKD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | CHKD.                                                                   |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| APPD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | APPD.                                                                   |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |
| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    | DATE                                                                    |    |                                                                                                                                                                                                                                                                       |    |    |    |                     |  |                                                                         |  |                       |  |        |  |                                                                                                                                                                                                                                                                       |  |                            |  |         |  |                                |  |                        |  |            |  |    |  |                          |  |      |  |  |  |       |  |       |  |          |  |       |  |       |  |  |  |       |  |       |  |  |  |      |  |      |  |  |  |



यह चित्र रीपीआरआई से संबंधित है।

This drawing pertains to CPRI

परिक्षण रिपोर्ट सं./Test Report No. **CPAINOAHV2670457**

दिनांक/Date. 24 July 2026

सीपीआरआई द्वारा इस चित्र का सत्यापन जहाँ भी संभव हो, यह केवल आयामी जाँच तक ही सीमित है।

VERIFICATION OF THIS DRAWING

BY CPRI IS LIMITED TO

BY CPRI IS LIMITED TO  
DIMENSIONAL CHECK ONLY, WHEREVER POSSIBLE

## NOTES

- NOTES
1. PAINT SHADE ENCL.: SEIMENS GREY, RAL 7032
  2. SHEET ENCL.: 2MM THICK CRCA SHEET
  3. CABLE ENTRY: BOTTOM
  4. ALL DIMENSIONS ARE IN MM.

2. SHEET ENCL.: 2MM THICK CRCA SHEET

3. CABLE ENTRY: BOTTOM

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BUS BAR SIZE

PHASE: 40x10 MM ALUMINIUM  
NEUTRAL: 40x6 MM ALUMINIUM

NEUTRAL: 40x6 MM ALUMINIUM

RATING: 415 V AC, 400 A

TOLERANCE:  $\pm 2\%$

**Pranav**  
परीक्षेण अभियंता  
आस्टीएन, सीपीआरआई नोएडा  
TEST ENGINEER  
RTL, CPRI, NIDA

आरटीएल, सीपीआरआई नोएडा

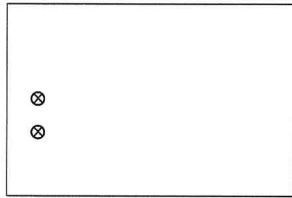
TEST ENGINEER

RTL, CPRI, NODA

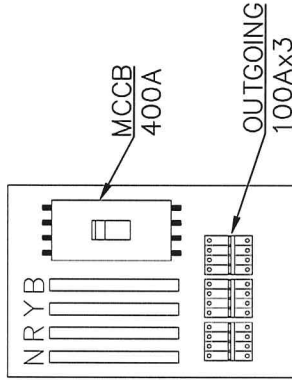
[illegible]

11 12 13 14 15 16 17 18

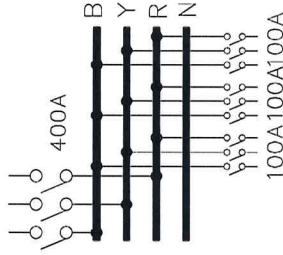
A B C D



FRONT VIEW WITH  
OUTER DOOR IN  
OPEN POSITION



FRONT VIEW WITH  
INNER DOOR IN OPEN  
POSITION



BUS BAR SIZE

PHASE: 40x10 MM ALUMINIUM  
NEUTRAL: 40x6 MM ALUMINIUM

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सीपीआरआई द्वारा इस चित्र का सत्यापन  
जहाँ भी संभव हो, यह केवल आयामी  
जाँच तक ही सीमित है।  
VERIFICATION OF THIS DRAWING  
BY CPRI IS LIMITED TO  
DIMENSIONAL CHECK ONLY, WHEREVER POSSIBLE

यह चित्र सीपीआरआई से संबंधित है।

This drawing pertains to CPRI

परिक्षण रिपोर्ट सं./Test Report No. CPRI/FOA/HY2670457

दिनांक/Date... 24 July 2022

**परिक्षण अभियंता**  
**आस्टीएल, सीपीआरआई नोएडा**  
**TEST ENGINEER**  
**RTL, CPRI, NOIDA**

|                                                                                                                                                                                                                                                                       |       |          |       |  |                                                                                                |         |                                |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|-------|--|------------------------------------------------------------------------------------------------|---------|--------------------------------|-----------------------|
|                                                                                                                                                                                                                                                                       | DRWN. | TARUN    | CHKD. |  | TELEPOWER ENGINEERS<br>1st, F44, 156A LENIN SARANI, WAYLINGTON,<br>KOLKATA, WEST BENGAL-700013 | TITLE   | 415V 400A LT SWITCHBOARD       | SR.NO.<br>TE/TEST/703 |
|                                                                                                                                                                                                                                                                       | CHKD. | TARUN    | DRWN. |  |                                                                                                |         | --                             |                       |
|                                                                                                                                                                                                                                                                       | APPD. | TARUN    | DATE  |  |                                                                                                |         | IP65 DEGREE OF PROTECTION TEST |                       |
|                                                                                                                                                                                                                                                                       | DATE  | 03.07.26 | REV.  |  |                                                                                                |         | --                             |                       |
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|                                                                                                                                                                                                                                                                       |       |          |       |  |                                                                                                |         | 0                              | 3 OF 3                |
|                                                                                                                                                                                                                                                                       |       |          |       |  | ALL DIMENSION ARE IN mm.                                                                       |         |                                |                       |