

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



Test Report Number : CPRINOAHVMISC22T0027 Date: 18 January 2022

Name and Address of the Customer : M/s Perfect Switchgears (India)
6/81, Kachora Bazar, Belen Ganj, Agra (U.P.)-282006

Name and Address of the Manufacturer : M/s Perfect Switchgears (India)
11/147J, Nunihai Industrial Link Road,
Agra (U.P.)-282006

Particulars of Sample tested : 415Volts, 250Amps, LT Panel

Type : Control Panel

Description of test sample : Refer Sheet 2 of 5

Serial Number : PSI/82

Number of Sample tested : One

Date(s) of Test(s) : 17 & 18 January 2022

CPRI sample code number(s) : NOAHVMISC22S0027

Particulars of test(s) conducted : Refer Sheet 3 of 5

Test in accordance with : IS/IEC: 61439(Part-1), 2011 & IS/IEC: 61439(Part-2), 2011

Standard/specification

Sampling Plan

Customer's Requirement : NIL

Deviations, if any : NIL

Name of the witnessing persons

Customer's Representatives : NIL

Other than Customer's Representatives : NIL

Test subcontracted with address of the laboratory : NONE

Documents constituting this report (in words)

No. of Sheet(s) : FIVE

No. of Oscillogram(s) : NIL

No. of Graph(s) : NIL

No. of Photograph(s) : ONE

No. of Test Circuit Diagram(s) : NIL

No. of drawing(s) : ONE


(Sandeep Singh)
Test Engineer




(MK Jaiswal)
Head of Division
Reviewed and Authorized by

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

Sample	: LT Panel
Rated voltage(Volts)	: 415
Rated current(Amps)	: 250
Frequency (Hz)	: 50
Insulation Level	: 690Volts
No. of Phases	: 3-ph + N
Dimension of Equipment (HxWxD)	: 525mm x 450mm x 225mm


(Sandeep Singh)
Test Engineer

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SUMMARY OF TESTS CONDUCTED

- | | |
|----------------------------|--|
| 1. Tests conducted | : Degree of Protection: IP-55 |
| 2. Rating for which tested | : 1). Protection against solid foreign body: IP-5X
2). Protection against Ingress of water: IP-X5 |
| 3. Schedule of tests | |

Tests Conducted	Clause Numbers	Sheet
Degree of Protection :IP-55	10.3 of IS/IEC: 61439(Part-1) & IS/IEC: 61439(Part-2)	4 of 5

- | | |
|----------------------------------|---------------------------|
| 4. Oscillogram Numbers | : NA |
| 5. Graph Numbers | : NA |
| 6. Photograph Numbers | : CPRINOAHVMISC22T0027P01 |
| 7. Test Circuit Diagram Numbers. | : NIL |
| 8. Drawing Numbers | : As given bellow |

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	PSI/TEST/82	01 of 01	0

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


(Sandeep Singh)
Test Engineer