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01 OCT 2025

PROVISIONAL REPORT

Test Report No. CPRIPLSTNBMISC25T0386

Date of test: 30 September 2025

1. Customer: PVJ POWER SOLUTIONS PRIVATE LIMITED
C/o PVJ Power Solutions, Nasrall, Dabhota, Solan, Himachal Pradesh, 174101
2. Sample tested: 12 kV, 630A, 31.5kA HT Panel
3. Serial Number: PVJ/TEST/2502
4. Sample Code No.: STNBMISC25S1264
5. Type: Indoor
- 5.1 Designation: 12kV, 630A, HT Panel without VCB
6. Drawing Number: PVJ/TEST/2502 Sheet 01 of 04, PVJ/TEST/2502 Sheet 02 of 04, PVJ/TEST/2502 Sheet 03 of 04, PVJ/TEST/2502 Sheet 04 of 04 (Drawings to be revised and verified)
7. Rating of the Sample:
 - 7.1 Rated Voltage : 12 kV
 - 7.2 Rated Current : 630A
 - 7.3 No. of phases: 3
 - 7.4 From of separation: Nil
 - 7.5 Impulse level if any: -
 - 7.6 Rated frequency: 50Hz
 - 7.7 Rated Insulation voltage 28kVrms
 - 7.8 Degree of protection : -
 - 7.9 Rated short time current: 31.5 kArms for three seconds with initial peak of 78.75kA for busbar
8. Sample tested for the following ratings:
 - 8.1 Voltage : 12 kV
 - 8.2 Current : 630A
 - 8.3 Short time current: 31.5 kArms for three seconds with initial peak of 78.75kA for busbar
9. Type of test carried out: Short time withstand current and peak withstand current tests
10. Specification followed: As per customer requirement & generally procedure followed cl. 7.6 of IEC 62271-200: 2021
10. Customer's requirement / Only Busbar to be tested
1. Deviation from standard:
11. Test results:

Oscillogram No.	Short time current in kApk/kArms			Duration in seconds	Average current in kArms
	R	Y	B		
CPRIPLSTNB MISC25 T0386S002	32.91	33.01	80.14/32.67	3.0	32.86

(Three phase Short time withstand current and peak withstand current test on busbar)

Observations No abnormality.
& Remarks: The sample withstood HV test at 28 kVrms for one minute at phase to earth as per standard.

TEST ENGINEER

This is only a provisional report. The final report alongwith drawings and other documents will be issued separately within one month from the date of test.

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