

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



CPRI

Test Report Number: CPRI BLREATD19T0077

Dated: 13.02.2019

Name & Address of the Customer : M/s. Rittal India Pvt. Ltd.
Plot No. 23 & 24 KIADB Industrial Area, Veerapura,
Doddaballapur – 561203.

Name & Address of the Manufacturer : M/s. Rittal India Pvt. Ltd.
Plot No. 23 & 24 KIADB Industrial Area, Veerapura,
Doddaballapur – 561203.

Particulars of sample tested

Condition of the sample on Receipt : Good
Type : Indoor
Designation : PS 4208.500 (1200WX2000+100HX800D)
Serial Number : 1005045094
Number of samples tested : One only.
Date (s) of Test (s) : 12.02.2019 & 13.02.2019
CPRI sample code no(s) : EATDIP19S0035

Particulars of tests conducted

Test in accordance with : IP 55 Category 2 Test, as per IS/IEC 60529:2001 RA 2014
Standard / specification : Standard. Clause 11.5, 13.4 and 14.2.5.
Sampling Plan : Not applicable
Customer's requirement : 1. IP 55 Category 2 Test, as per IS/IEC 60529:2001 RA 2014
Standard. Clause 11.5, 13.4 and 14.2.5.
2. Visual observation for entry of dust (IP 5X) Category 2 and
water (IP X5)

Deviations if any : -Nil-

Name of the witnessing persons

Customer's representative : Mr. B.S.Patil, Sr. Engineer.
Other than customer's representatives : None
Test subcontracted with :
address of the laboratory : None

Documents constituting this report (In words)

Number of sheets : Three only
Number of oscillograms : -Nil-
Number of graphs : -Nil-
Number of photos : -Nil-
Number of test circuit diagrams : -Nil-
Number of drawings : Two Only. Drawing No. N86075
Sheet 1 of 2 and Sheet 2 of 2.


(D VENKATESH)
Test Engineer




(Dr. P. CHANDRA SEKHAR)
Head of Division
Approved by

ULR-TC5452190EADT0077F

Sheet 1 of 3

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TEST RESULTS:

Sl. No.	PARTICULARS		OBSERVATIONS
	TESTS CONDUCTED	REFERENCE CLAUSE	
1.0	IP 5X Category 2 Test, as per IS/IEC 60529:2001 RA 2014 Standard.	Clause No. 11.5 and 13.4 Protection against Ingress of solid foreign objects – Dust Protection Test.	No entry of dust found observed inside the "PS 4208.500 (1200WX2000+100HX800D)" Enclosure.
2.0	IP X5 Test as per IS/IEC 60529:2001 RA 2014 Standard.	Clause No. 11.5 and 14.2.5 Protection against harmful ingress of water – Hose jet of water using nozzle of dia. 6.30 mm, water flow rate 12.5 l/min ± 5% and 3 m distance.	Droplets of water found observed on the right side of bottom plate inside the "PS 4208.500 (1200WX2000+100HX800D)" Enclosure.


 (D VENKATESH)
 Test Engineer

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NOTE

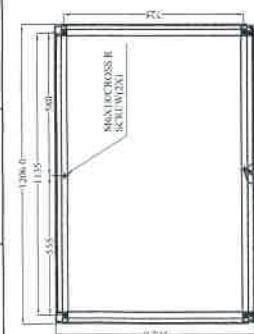
- a) The test results relate only to the item(s) tested.
- b) Publication or reproduction of this report in any form other than by complete set of the whole report and in the language written is not permitted without the written consent of CPRI.
- c) Any correction / erasure invalidate this test report / certificate.
- d) NABL has accredited this laboratory as per ISO/IEC 17025: 2005 Standard vide certificate No. TC – 5452 for the tests carried out.
- e) Any anomaly / discrepancy in the test report / certificate should be brought to our notice within 45 days from the date of issue.


(D VENKATESH)
Test Engineer

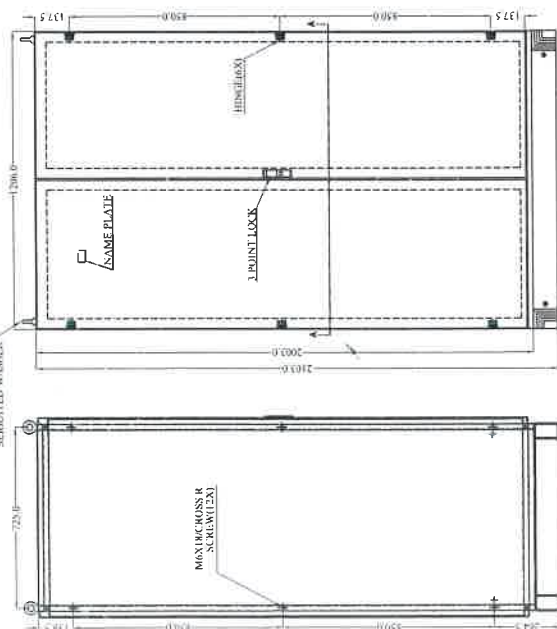
परीक्षण इंजीनियर
TEST ENGINEER
ए टी डी, सी पी आर आई
EATD / CPRI
भिलाई - 560 080
BENGALURU - 560 080

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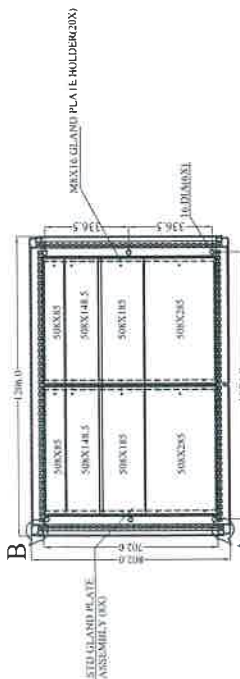
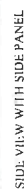
वर्ग 10 विज्ञान



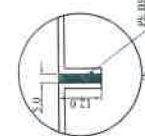
TOP VIEW



FRONT VIEW WITH DOOR



SECTION A-A DETAILS
(BOTTOM VIEW)



GLAND PLATE ASS'LY DETAIL

[illegible]

NOTE: ALL DIMENSIONS ARE IN MM

NOTE: IP 55 TEST CAT-2 AS PER IS/IEC 60529:2001 RA2014 STANDARD.

PANEL SL.NO-1005045094

ALL THE HOLES CLOSED DURING TESTING WITH PLASTIC PLUGS.



Attestation of this drawing is limited to the checking of Dimensions only.

This Drawing pertains to the Test
Report No. C-4436-LE-AP-19-00177
dated: 12-20-2019

12.20.2019

परीक्षण इंजीनियर
TEST ENGINEER
ए टी डी, सी पी आर आई
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[illegible]

TENTATIVE MOUNTING ARRANGEMENT

NOTE-The tentative mounting and spacing arrangement of likely electrical equipment's for the purpose of IP55 test as per clause 11.5 of IS/IEC 60529:2001 RA2014 Standard