

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

Date: 24.February.2020

Test Report Number : CPRINOAHVMISC20T0047

Name and Address of the Customer : M/s. MRM Procom Pvt. Ltd.
Plot No. -20 & 21, Sector-59(2), HUDA, Faridabad,
Haryana-121004.

Name and Address of the Manufacturer : M/s. MRM Procom Pvt. Ltd.
Plot No. -20 & 21, Sector-59(2), HUDA, Faridabad,
Haryana-121004.

Particulars of sample tested : Bus Bar Support (Finger)
Type : PRO-M-210K-SMC
Description of test sample : Refer sheet 2 of 5
Serial Number : Nil
Number of samples tested : One
Date(s) of Test(s) : 21.February.2020
CPRI Sample code Number(s). : NOAHVMISC20S043
Particulars of tests conducted : i). Verification of Dimensions
ii). Dry Power Frequency Voltage Withstand Test

Test in accordance with Standard/Specification : As per customer requirements
Sampling Plan : None
Customer's Requirement : Test was conducted at 5kVrms for one minute
Deviations if any : Nil

Name of the witnessing persons :
Customers representative : Nil
Other than customer's representatives : Nil

Test subcontracted with address of the laboratory :

Documents constituting this report (in words)
Number of Sheets : Five
Number of Oscillogram(s) : Nil
Number of Graph(s) : Nil
Number of Photograph(s) : One
Number of Test Circuit Diagram(s) : Nil
Number of Drawing(s) : One

(M.K.Jaiswal)
Test Engineer



(S. Bhattacharyya)
Head of Division
Approved by

केन्द्रीय विद्युत अनुसंधान संस्थान
CENTRAL POWER RESEARCH INSTITUTE
Regional Testing Laboratory
प्लॉट नं० 3A, संस्थान क्षेत्र, नोडा-201309 (उ.प्र.)
Plot No.-3A, Institutional Area, Sec-02, Noida-201309 (U.P.)

केन्द्रीय विद्युत अनुसंधान संस्थान
CENTRAL POWER RESEARCH INSTITUTE
Regional Testing Laboratory

High Voltage laboratory
Regional Testing Laboratory, Plot No. 3A,
Institutional Area, Sector-62, Noida-201309. (UP), India.
Fax 0120-2402824 and Phone No. 0120-2402823

प्लॉट नं० 3A, संस्थान क्षेत्र, नोडा-201309 (उ.प्र.)
Plot No.-3A, Institutional Area, Sec-02, Noida-201309 (U.P.)

Sheet 1 of 5

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



Test Report Number: CPRINOAHVMISC20T0047

Date: 24.February.2020

DESCRIPTION OF SAMPLE TESTED (As assigned by the manufacturer)

Sample : Bus Bar Support (Finger)
Rated voltage(Volts) : 600 to 750Vdc
Frequency (Hz) : 50

(M.K.Jaiswal)
Test Engineer

केन्द्रीय विद्युत अनुसंधान संस्थान
CENTRAL POWER RESEARCH INSTITUTE
केन्द्रीय विद्युत अनुसंधान संस्थान
Regional Testing Laboratory
प्लॉट नं० ३A, संस्थानिक क्षेत्र, रोड-६२, नोडा-२०१३०९
Plot No.-3A, Institutional Area, Sec-62, Noida-201309 (U.P.)

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



Test Report Number: CPRINOAHVMISC20T0047

Date: 24.February.2020

CPRI

TEST RESULTS

Laboratory conditions

Dry bulb temperature : 22°C, Wet bulb temperature : 18°C, Atmospheric pressure : 988 mbar

1). **Verification of Dimensions:** Verified as per drawing and found to be in order.

2). **Dry Power Frequency Voltage Withstand Test at 5kVrms**

Test Connection	Voltage applied kV(rms)	Remarks
The insulator was mounted on earthed channel and connected to earth, top end of insulator was connected to high voltage source.	5	Withstood for 60 sec.

Conclusion: the sample tested complies with the requirements of the customer.

(M.K.Jaiswal)
Test Engineer

केन्द्रीय विद्युत अनुसंधान संस्थान
CENTRAL POWER RESEARCH INSTITUTE
केन्द्रीय परीक्षण प्रयोगशाला
Regional Testing Laboratory
प्लॉट नं०-3A, संस्थान क्षेत्र, सेक्टर-62, नोइडा-201309
Plot No-3A, Institutional Area, Sec-62, Noida-201309 (U.P.)

High Voltage laboratory
Regional Testing Laboratory, Plot No. 3A,
Institutional Area, Sector-62, Noida-201309, (UP), India.
Fax 0120-2402824 and Phone No. 0120-2402823

Sheet 4 of 5

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



CPRI

Test Report Number: CPRINOAHVMISC20T0047

Date: 24.February.2020

SUMMARY OF TESTS CONDUCTED

1. Tests conducted : i). Verification of Dimensions
ii). Dry Power Frequency Voltage Withstand Test
2. Rating for which tested : i). Verification of Dimensions as per drawing
ii). Dry Power Frequency Voltage Withstand Test at 5kVrms for one minute
3. Schedule of tests

Tests Conducted	Clause Numbers	Sheet
Verification of Dimensions	As per drawing.	4 of 5
Dry Power Frequency Voltage Withstand Test	As per customer requirements	4 of 5

4. Oscillogram Numbers : NA
5. Graph Numbers : NA
6. Photograph Numbers : CPRINOAHVMISC20T0047P01
7. Test Circuit Diagram Numbers : Nil
8. Drawing Numbers : As given bellow

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	MRM/SMC/PRO-M-210-K/908	00	01 of 01

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.

(M.K.Jaiswal)
Test Engineer

केन्द्रीय विद्युत अनुसंधान संस्थान
CENTRAL POWER RESEARCH INSTITUTE
रेगुलरी टेस्टिंग लैबोरेटरी
Regional Testing Laboratory
प्लॉट नं. 3A, संस्थान क्षेत्र, सेक्टर-02, नोडा-201309
Plot No. 3A, Institutional Area, Sector-02, Noida-201309 (U.P.)

High Voltage laboratory
Regional Testing Laboratory, Plot No. 3A,
Institutional Area, Sector-02, Noida-201309, (UP), India.
Fax 0120-2402824 and Phone No. 0120-2402823

Sheet 3 of 5

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



CPRI

Test Report Number: CPRINOAHVMISC20T0047

Date: 24.February.2020

NOTE

- The Test results relate only to the sample(s) tested.
- Publication or reproduction of this Test Report /Test Certificate in any form other than by complete set of the whole Test Report /Test Certificate and in the language written is not permitted without the written consent of CPRI.
- Any Corrections/erasure invalidates the Test Report/Test Certificate
- Any anomaly/discrepancy in the Test Report / Test Certificate should be brought to the notice of CPRI within 45 days from the date of issue.


(M.K.Jaiswal)
Test Engineer

केन्द्रीय विद्युत अनुसंधान संस्थान
CENTRAL POWER RESEARCH INSTITUTE
उच्च वोल्टेज प्रयोगशाला
Regional Testing Laboratory
प्लॉट नं. 3A, औद्योगिक क्षेत्र, सेक्टर-62, नोडा-201309
Plot No-3A, Institutional Area, Sec-62, Noida-201309 (U.P.)

High Voltage laboratory
Regional Testing Laboratory, Plot No. 3A,
Institutional Area, Sector-62, Noida-201309, (UP), India.
Fax 0120-2402824 and Phone No. 0120-2402823

Sheet 5 of 5

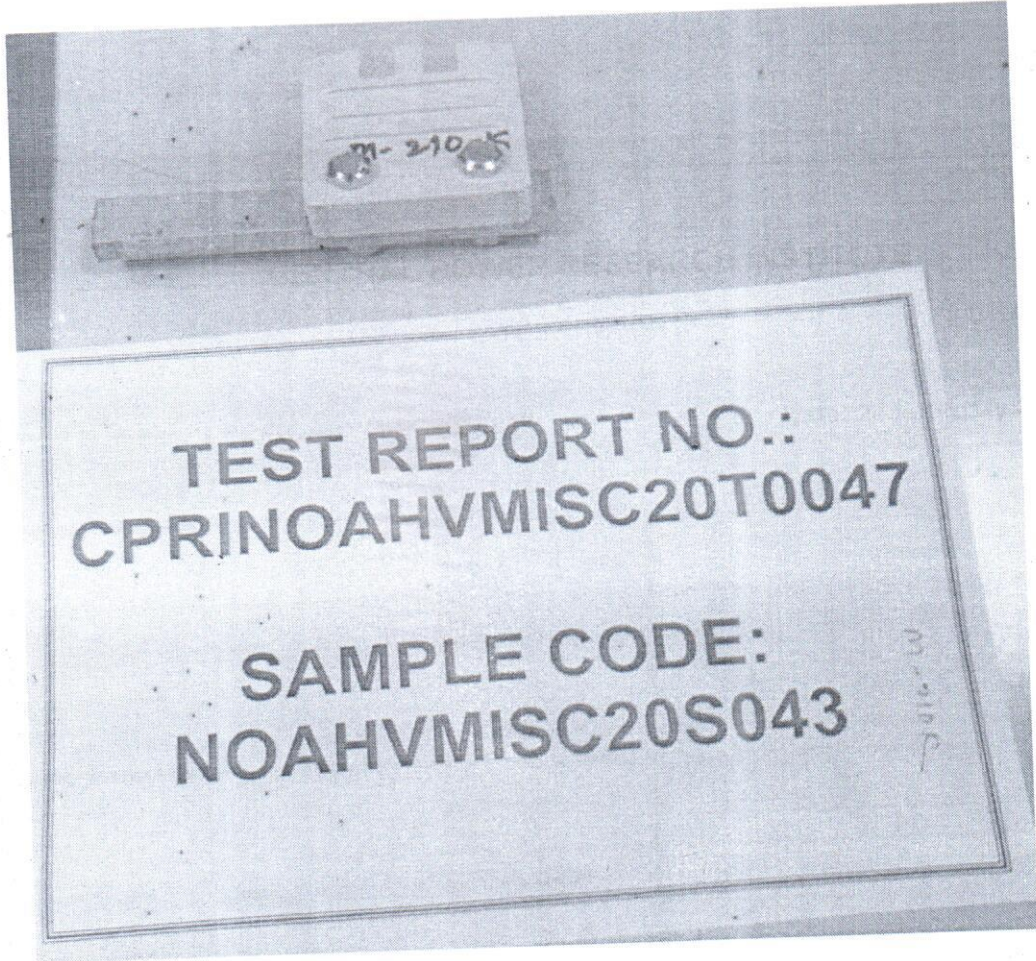
CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT




Test Report Number: CPRINOAHVMISC20T0047

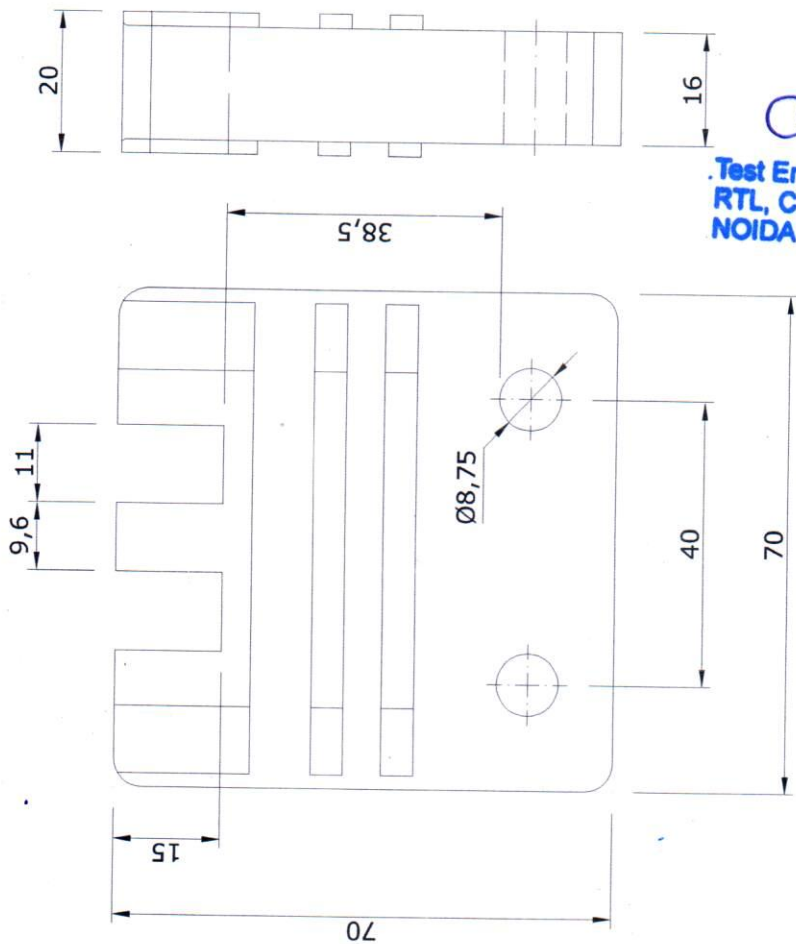
Date: 24.February.2020



Photograph Number: CPRINOAHVMISC20T0047P01


(M.K.Jaiswal)
Test Engineer

केन्द्रीय विद्युत अनुसंधान संस्थान
CENTRAL POWER RESEARCH INSTITUTE
केन्द्रीय परीक्षण प्रयोगशाला
Regional Testing Laboratory
प्लॉट नं०-3A, इंस्टीट्यूट आर.ए.ए.ए. सो. 62, नया-201309
Plot No.-3A, Institute Area, Soc-62, Noida-201309 (U.P.)



THIS DRAWING PERTAINS TO CPRI
 TEST REPORT NUMBER : CPRI NORTHUMBER 20 T047
 Date : 24.02.2020

[Signature]
 Test Engineers
 RTL, CPRI,
 NOIDA

VERIFICATION OF THIS DRAWING
 BY CPRI IS LIMITED TO
 DIMENSIONAL CHECK ONLY
 WHEREVER POSSIBLE

ALL DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED	TOLERANCE CHART	DIMENSION(MM)		TOLERANCE(±)	
		01-15	16-50	51-100	100-250
Revision		(a)		(b)	
Client -		Project -		(c)	
Consultants -		M R M PROCOM PVT. LTD. PLOT NO 20,21 SEC 59 PH 2 FARIDABAD (HR) 121001 Website : www.mrmprocom.com		Drawn	S.S.M
Architects -		Title - PRO-M-210-K		Checked	M.K.SHARMA
		Detail - FINGER SUPPORT SMC 2X10MM		Scale	N.T.S.
				Date	11/02/2020
				Rev. No. -	00
				Sheet No.	01
				No. of Sheets	01

