

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** : CPRINOAHVMISC20T0046

**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** : DMC PRO-M-110-K

**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)** : NOAHVMISC20S042

**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** : Mr. K.K Sharma

**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

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Regional Testing Laboratory  
प्लॉट नं० ३५, इन्स्टीटयुशनल एरिया, सेक्टर-६२, नोडा-२०१३०९  
Plot No.-3A, Institutional Area, Sec-62, Noida-201309 (U.P.)



(S. Bhattacharyya)  
Head of Division

Approved by  
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CENTRAL POWER RESEARCH INSTITUTE  
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Regional Testing Laboratory

High Voltage laboratory  
Regional Testing Laboratory, Plot No. 3A,  
Institutional Area, Sector-62, Noida-201309, (UP), India  
Fax 9120-2402824 and Phone No. 9120-2402823

प्लॉट नं० ३५, इन्स्टीटयुशनल एरिया, सेक्टर-६२, नोडा-२०१३०९  
Plot No.-3A, Institutional Area, Sec-62, Noida-201309 (U.P.)

Sheet 1 of 5

# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



**CPRI**

Test Report Number: CPRINOAHVMISC20T0046

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

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# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



Test Report Number: CPRINOAHVMISC20T0046

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 : CPRINOAHVMISC20T0046P01
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

SI. No.	Drawing Number	Sheet Number	Revision Number
1	MRM/DMC/PRO-M-110-K/901	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

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Plot No.-3A, Institutional Area, Sector-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 3 of 5

# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



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Test Report Number: CPRINOAHVMISC20T0046

Date: 24.February.2020

### 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

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# CENTRAL POWER RESEARCH INSTITUTE

## TEST REPORT



**CPRI**

Test Report Number: CPRINOAHVMIISC20T0046

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

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CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



Test Report Number: CPRINOAHV MISC20T0046

Date: 24.February.2020

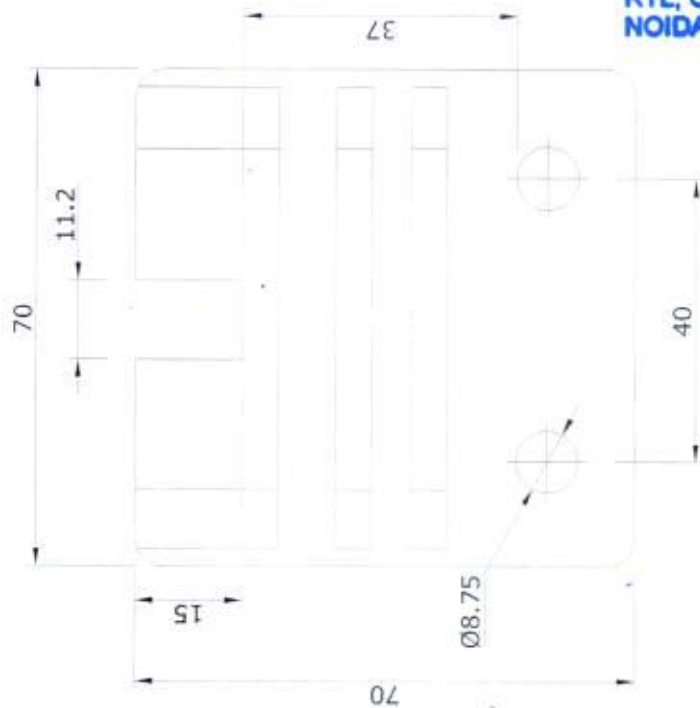
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Photograph Number: CPRINOAHV MISC20T0046P01

(M.K.Jaiswal)  
Test Engineer

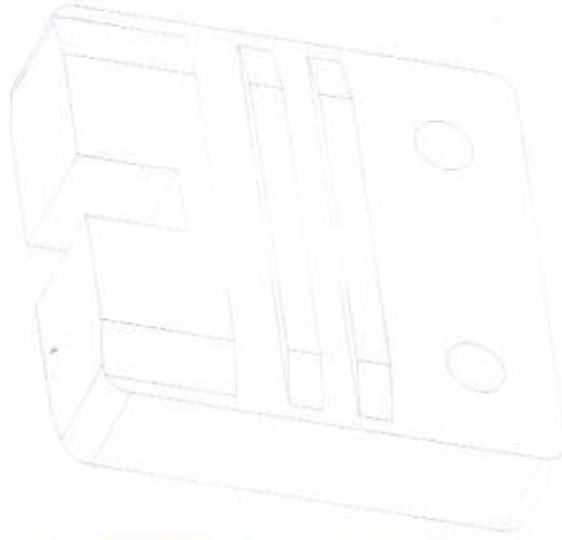
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Plot No. 02, Indira Prasad Road, Gate-62, Naula-201309 (U.P.)



Test Engineers  
RTL, CPRI,  
NOIDA

THIS DRAWING PERTAINS TO CPRI  
TEST REPORT NUMBER: CPRI ALU@HU MISC 20 T0046  
Date: 24.02.2020

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(±)	
Revision		(a)		01-15	0.25mm	16-50	0.5mm
Client -		Project -		51-100	1.0mm	100-250	1.5mm
Consultants -		Title - PRO-M-110-K		ABOVE 250	2mm		
Architects -		Detail - FINGER SUPPORT DMC 1X10MM					
		M R M PROCCOM PVT. LTD. PLOT NO 20/21 SEC-59 PH 2 FARIDABAD (HR) 121001 Website : www.mrmproccom.com					
		Logo:					
		Drawn S.S.M					
		Checked M.K.SHARMA					
		Scale N.T.S.					
		Date 11/02/2020					
		Drg. No. - MRM/DMC/PRO-M-110-K/001					
		Rev. No. - 00					
		Sheet No. 01					
		No. of Sheets 01					

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