



<b>ELECTRONICS TEST &amp; DEVELOPMENT CENTRE - PUNE</b> Standardisation Testing & Quality Certification Directorate Department of Information Technology Ministry of Communication & Information Technology Government of India Agriculture College Campus, Shivajinagar <b>PUNE – 411 005</b>				<b>TEST REPORT</b> MD Series Switch.			
Report No.	TG-019(21-22)	Date	18/01/22	Page	2	of	3

1 Service Request No. TG-19(21-22) Date 12/02/22

2 Tested at ETDC,Pune

3 Item submitted on 14/01/22 4 Job completed on 17/01/22

5 Description & Identification of item

Nomenclature	Sr. No.	Type / Model	Make	Qty
MD Series Switch #	A 16011348	MD1 PF2 H01A7S52	Kaustubha Udyog	01

6 Condition of item when received Satisfactory.

7 Test Method used OPT-14

8 Test specification As per the specifications given in the column "TEST", "CONDITION", "REQUIREMENT" on page no. 3 of this report.

9 Major equipments used in the test

Sr.	Name of the Equipment	Calibration Validity (dd-mm-yy)
1	Dust chamber (Kasco)	01/03/22
2	Test nozzle 12.5 mm as per IEC60529	---

# As specified by customer.

Tested by	Approved by Head [Testing]	Issued by Head [CSC]
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ETDC, PUNE

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Report No. TG-019(21-22)

## TEST SPECIFICATIONS / RESULTS

### 10.0 : TEST SPECIFICATIONS / TEST RESULTS

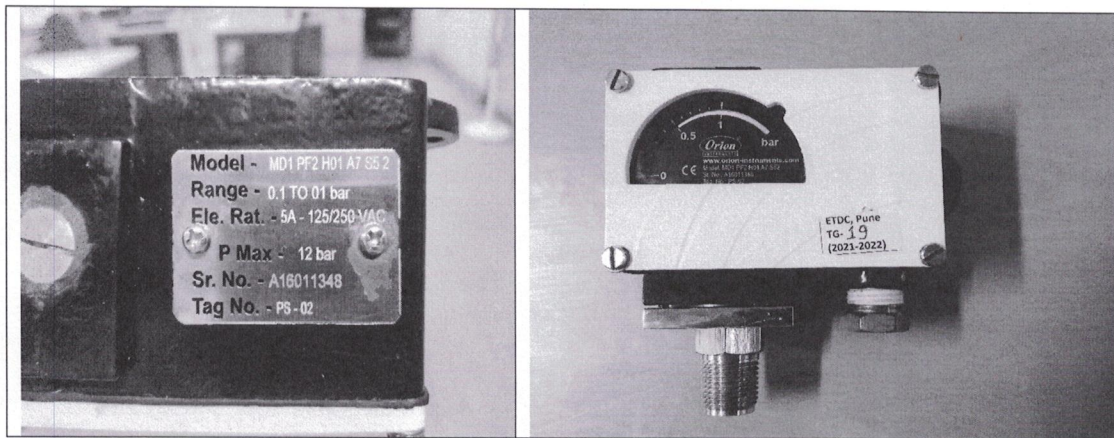
Sr. No.	Test	Condition	Requirement	Observations
10.1	IP6X (Dust tightness test), Category 2	Ref: IEC 60529, Category-2 Clause 13.4, 13.6.2 Type of dust: Talcum powder. (Circulating dust and item not connected to vacuum pump). Duration: 8 hours. Condition of item: Normal mounting.	To be conditioned	Conditioned
10.2	Visual check	After the test	No deposit of dust is observable inside the enclosure.	Complied
10.2	IP X6 (Protection against powerful water jets)	Ref: IEC 60529, Clause 14.2.6, 14.3. With the 12.5 mm nozzle. Test Duration:- 3 minutes Direction of spray: All practicable directions. Distance from nozzle to enclosure surface : Between 2.5 m. and 3 m.	To be conditioned	Conditioned
10.2.1	Visual check	After the test	Visual check for ingress of water.	Complied


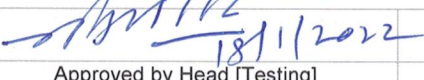
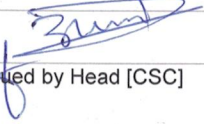
Remarks : As desired by the indenter, the sample has been tested for limited parameters only as reflected in the test-report.  
Hence the report must not be used for any publicity purpose regarding overall quality of the product.

### 11.0 : Photo of UUT:

Photo of Enclosure for MD Series Switch.

(Refer Page-2 for Description and Identification of item)



Tested by 	Approved by Head [Testing] (Narendra Kumar) Scientist E" 	Issued by Head [CSC] 
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अरुण कोकणी / ARUN KOKANI  
वैज्ञानिक 'क' / SCIENTIST 'C'  
ई.टी.डी.सी.पुणे / ETDC, PUNE  
सूचना प्रौद्योगिकी विभाग / DEPT OF I.T.  
भारत सरकार / GOVT. OF INDIA  
शिवाजीनगर, पुणे / Shivaji Nagar, Pune





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Report No.	TG- 019(21-22)	Date	18/01/22	Page	1 OF 3

1 Service Request No. \_\_\_\_\_ TG-019(21-22) Date \_\_\_\_\_ 12/01/22

2 Service requested by \_\_\_\_\_ Kaustubha Udyog (Br. Name-Orion Instruments), Sr. No 36/1/1, Vadgaon khurd, Sinhagad road, Pune 411 041

3. Report Issued to \_\_\_\_\_ Kaustubha Udyog (Br. Name-Orion Instruments), Sr. No 36/1/1, Vadgaon khurd, Sinhagad road, Pune 411 041

### MEMORANDUM

This report issued by ETDC, Pune is a record of the tests conducted on the items submitted to it for testing and the results thereof does not apply to other items even though declared to be identical.

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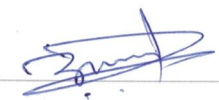
The report shall not be regarded in any way diminishing the normal contractual responsibilities/ obligations between the customer and ETDC-Pune.

The results reported in this report are valid at the time of and under the stated conditions of the measurements.

ETDC, Pune provides third party testing and calibration service and does not approve any product. It shall therefore not be construed that the product to which this report relates is approval by the laboratory.

This report or a part of it shall not be used for such purposes that NABL or ETDC, Pune may consider to be misleading.



  
 Issued by Head [CSC]  
 अरुण कोकणी / ARUN KOKANI  
 वैज्ञानिक 'क' / SCIENTIST 'C'  
 ई.टी.डी.सी.पुणे / ETDC, PUNE  
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