



सूक्ष्म, लघु एवं मध्यम उद्यम

MICRO, SMALL & MEDIUM ENTERPRISES
MSME - TECHNOLOGY DEVELOPMENT CENTRE, MUMBAI.



(A Govt. of India Society)

TEST REPORT

MSME - Technology Development Centre Mumbai

INSTITUTE FOR DESIGN OF ELECTRICAL MEASURING INSTRUMENTS,
MUMBAI

(A Govt. of India Society)
Ministry of Micro, Small & Medium Enterprises
Government of India

Eastern Express Highway,
Chunabhatti, Sion P.O.,
MUMBAI - 400 022.

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वैद्युतिक मापन उपयंत्र अभिकल्प संस्थान, मुंबई

INSTITUTE FOR DESIGN OF ELECTRICAL
MEASURING INSTRUMENTS, MUMBAI



भारत सरकार की सोसाईटी
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Government of India Society
Ministry of Micro, Small & Medium Enterprises

संदर्भ सं. / Ref. No. IDEMI/PCI/2012-2013

दिनांक : 18-07-2012
Date :

M/s. Samcon Industrial Controls Pvt.Ltd,
Plot No.23, Survey No. 165 A/2&3, Oswal Ind. Estate,
NH 3, Village - sangaon, Tal. Shahapur,
Dist. Thane -421 601

विषय : परिक्षण रिपोर्ट
Sub : Test Report

महोदय,

आपके उपकरणों / अवयवों पर किये हुये परिक्षण रिपोर्ट संख्या (CT/PCI/0447/2012-13) आपको जानकारी के लिए पत्र के साथ भेज रहे हैं। यदि आपको परिक्षित मदों पर स्पष्टीकरण की कोई आवश्यकता हो तो, कृपया परिक्षण रिपोर्ट जारी करने वाले प्राधिकारी को हमारे संदर्भ संख्या और तारीख का उल्लेख करते हुए, रिपोर्ट प्राप्त होने पर चार सप्ताह के अन्दर सम्पर्क करें अथवा लिखें। हम इस पत्र के साथ फीड बैक फॉर्म भेज रहे हैं। कृपया उसे भरके प्रधाननिदेशक, वैमाउअसं को भेजे।

धन्यवाद!

भवदीय

प्रधान निदेशक

संलग्न पत्रानुसार

Dear Sir,

Test Report No. (CT/PCI/0447/2012-13) / on your instruments/ Components/ Equipments are / is enclosed herewith for your information. If you need any clarification on Test Report, please write/contact Test Report issuing officer quoting our reference and date within 4 weeks from the date of receipt of this report. We are also enclosing here with feed back form. Kindly fill up and send to the Principal Director of IDEMI

Thanking you,

Yours faithfully

PRINCIPAL DIRECTOR

Encl. As above



Cert No. T-1568
NABL ACCREDITED LAB

Swatantryaveer Tatya Tope Marg, Chunabhathi, Sion P.o. Mumbai - 400 022. (M.S)

Phone : (022) - 2405 0301/2/3/4 Fax : (022) - 2405 0016.

• Website : www.idemi.org / msmetdcmumbai.org • Email : idemi@vsnl.net, idemi@mtnl.net.in

TEST REPORT



Calibration Field : Electrical Testing
Work Order No. : WO / FLL /039/2012-13
Date : 16- 07- 2012

NABL Accreditation No : T - 1358
Certificate No. CT / PCI /0447/2012-13
Date of Testing : 17/07/2012
Page 1 of 2

Test Item : **ENCLOSURE(Panel Box)**

Tested for : M/s.Samcon Industrial Controls Pvt.Ltd,
Plot No.23, Survey No.165 A/2&3,
Oswal Ind.Estate, NH3, Village -Asangaon
Tal. Shahapur,Dist.Thane-421 601

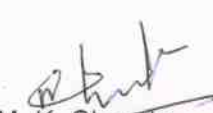
Tested at : IDEMI Mumbai - 22

| Specification of Item under Test | Specification of Standards/ Equipment used |
|---|--|
| Manufacturer : M/s.Samcon Condition of Item on receipt : Good Drawing No. : 1213-019-01-01 Serial No. : 01. Type : Canopy Size : 775x500x350mm | 1) KASCO Dust Chamber Sr.No.015108191 along with vacuum system Gauge Sr. No. 00783110, Range ; 500 to 0 mm wc, Calibration valid up to 04/07/2014 2) S. S. NOZZLE, Internal diameter 6.3 mm Along with Pressure gauge (50 mm) Make : Wika ID No. PG/FLL/JW Calibration valid up to 04/07/2014 Traceability : Standard/Equipment used for testing are traceable to NPL, New Delhi. |

Type of Test : IP - 55

Remarks :

1. Please refer page 2 of 2 for Test Results.
2. Procedure of Testing : The above mentioned item is tested as per IEC 60529:1989+A1:1999 For Enclosure of category 1,OP-ETL-20.
3. This certificate is valid only for Drawing Number 1213-019-01-01 & Copy of the Drawing is Enclosed.


M. K. Charate

Technical Manager

AUTHORISED SIGNATORY

(Note : This report refers only to the particular item(s) submitted for testing. The report should not be reproduced except in full without the prior permission from the Principal Director IDEMI, Mumbai - 400 022)

A GOVERNMENT OF INDIA SOCIETY
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

वैद्युतिक मापन उपयंत्र अभिकल्प संस्थान

Institute for design of Electrical Measuring Instruments

SWATANTRYAVEER TATYA TOPE MARG, CHUNABHATTI, SION P.O. MUMBAI - 400 022.

स्वातंत्र्यवीर तात्या टोपे मार्ग, चुनाभट्टी, सायन डाकघर, मुंबई - ४०० ०२२.

**PROCESS CONTROL INSTRUMENTS LABORATORY****CERTIFICATE OF TESTING**

Drawing No.123-019-01-01,

Date of Test: 17/07/2012

Certificate No:CT/PCI/0447/12-2013

Page 2 of 2

Test Result of **ENCLOSURE -IP 55****1. Test for IP: 5X (Ingress of dust for enclosure of category 1)**

The Test item was tested for dust ingress as per IEC 60529 :1989+A1:1999 for enclosure of category 1.(Test condition clause 13.5) The above mentioned Enclosure is supported inside the dust chamber and pressure inside the Enclosure maintained (-200mm wc) below atmospheric pressure by a vacuum pump.

Observation: The front cover of the above tested Enclosure was opened for interior examination of dust entry. It was observed that no dust has entered the Enclosure.

Result: Hence the Enclosure Passed for IP 5X Test.**2. Test for IP X5 (Protection against Water Jet)**

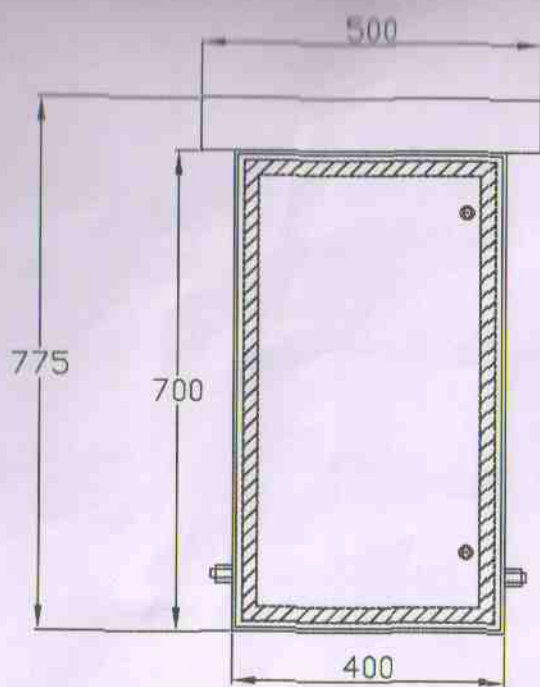
The Test Item was tested for ingress of water as per IEC 60529:1989+A1:1999 (Test condition clause 14.2.5) The above Enclosure was kept in normal mounting position on a turn table during the test.

Observation: The front cover of the above tested Enclosure was opened for interior examination of water entry. It was observed that no water had entered inside Enclosure.

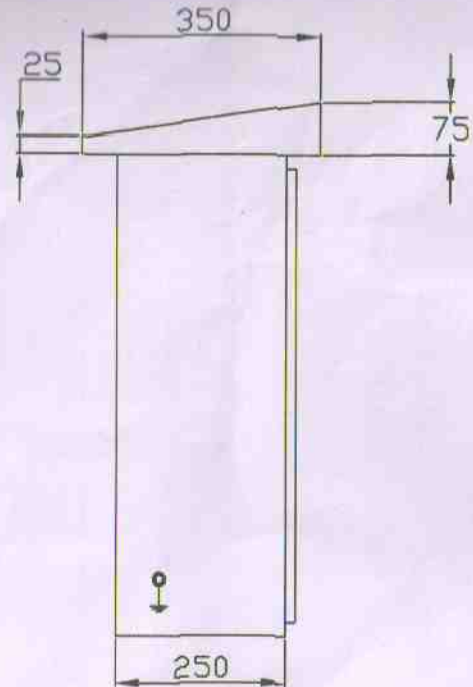
Result: Hence the Enclosure Passed for IP X5 Test.

Checked By

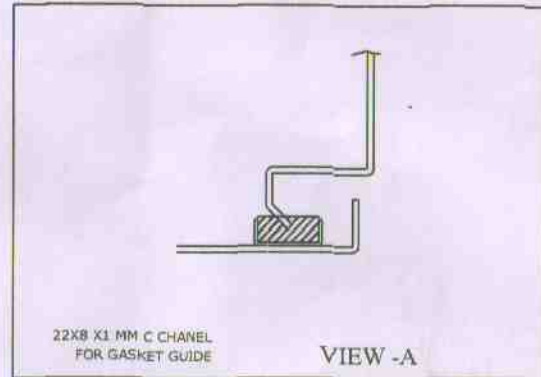
Tested By



FRONT VIEW

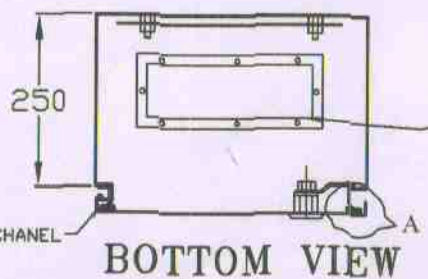


SIDE VIEW



22X8 X1 MM C CHANNEL FOR GASKET GUIDE

VIEW -A



BOTTOM VIEW

GLAND PLATE

22X8 X1 MM C CHANNEL

NOTES-

- 1) PROTECTION IP 55
- 2) PANEL SHEET METAL CRCA THICKNESS:-2.00 MM THK.
- 3) MOUNTING PLATE THICKNESS:-2MM THK.
- 4) REMOVABLE GLAND PLATES IS 2MM THK.
- 5) PAINT SHADE FOR PANEL =7032
- 6) CABLE ENTRY BOTTOM
- 7) ALL DIMNS ARE IN MM

Phulke
19-07-2012

INSTITUTE FOR DESIGN OF
ELECTRICAL MEASURING INSTRUMENTS
(GOVERNMENT OF INDIA SOCIETY)
Chunabhatti, Sion P.O., Bombay-400 022

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DATED :
PDF.No.

| | | | | | | | | | |
|-------------|--|-------------|--|-----------------------|--|--|----------------------|----------------|---|
| | | CUSTOMER : | | ALL DIMENSIONS IN mm. | | TITLE: | DRAWING NO | REV | |
| | | PROJECT : | | | | ± 0.5 | GA FOR IP 55 TESTING | 1213-019-01-01 | 0 |
| | | CONSULTANT: | | | | HOLE ±0.2 | | 01 OF 01 | |
| | | | | ANGLES ±0.5 | | APPD. SPA | 10/07/12 | | |
| | | | | SCALE NTS | | CHKD. TEJAM | 10/07/12 | | |
| | | | | | | DRAWN VISHAL | 10/07/12 | | |
| DESCRIPTION | | INITIALS | | | | SAMCON INDUSTRIAL CONTROLS PVT.LTD. AN ISO 9001-2008 CERTIFIED COMPANY | | DRG.SIZE A4 | |