



भारत सरकार
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

11/1 जजेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027
11/1, Judges' Court Road, Alipore, Kolkata - 700 027



परीक्षण प्रमाण पत्र

Number of Copies issued Single

TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र नं
Test Certificate No

जारी होने की तिथि

कोड नं

पृष्ठ

पृष्ठों की संख्या

Date of Issue

Code No

Page

No of Pages

NTH(ER)/EL(A)/2020/0029A

03/02/2020

1580108435095

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जिसे जारी करना है

CONTROLBLUE AUTOMATION & SOFTWARE (I) PRIVATE LIMITED

Issued To

पता

GE-171,Rajdanga Main Road,Kolkata-700107.

Address

ग्राहक का संदर्भ सं एवं दिनांक

Email

Date: 21/01/2020

Customer's Ref. No.

पंजिका सं एवं दिनांक

0029/NTH(ER)/EL(A)/27/01/2020

Register No & Date

परीक्षण सामग्री का विवरण

One sample stated to be control panel of size 400mm X 300mm X 250mm,Brand:blue automation.

Description of Test Item

परीक्षण सामग्री का पहचान

Marking:As in attached sheet 'IP-42'.

Identification of Test Item

नमूना का विशिष्टि (यदि हों)

Not Applicable.

Product Specification (If any)

नमूना प्राप्ति की तिथि

27/01/2020

Date of Receipt of the Test Item

कार्य सम्पादन की तिथि

From: 27/01/2020

To: 31/01/2020

Date(s) of Performance of Tests

IS/IEC:60529-2001.

व्यावहृत प्रणाली का पहचान

Not Applicable.

Method(s) used for Test

नमूना प्रक्रिया जहाँ प्रासंगिक हों

Sampling Procedure where relevant

Tested By

Checked By

Approved By

Sayantan Das

Samriddha Gangopadhyay

Marisetty Venkat Kishore

SO Electrical

SO Electrical

Scientist- B (Electrical)



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"IP-42"

Marking: On metallic plate pasted on the sample :-
blue
automation
ControlBlue Automation & Software (I) Pvt. Ltd.
Kolkata

Tests : IP-42 Class of protection test :
[carried out as per IS/IEC:60529-2001]

Sl. No.	Test Details	Requirements	Test Result	Remarks
1	1st Characteristic Numeral '4': Protection against access to solid foreign objects of 1.0 mm dia and greater	The object probe, sphere of 1.0 mm dia shall not penetrate at all.	No penetration of the object probe, sphere of 1.0 mm dia was occurred.	Satisfactory
2	2 nd characteristic numeral 2: Protected against vertically falling water drops when enclosure tilted upto 15°.	Vertically falling drops shall have no harmful effects when the enclosure is tilted at any angle upto 15° on either side of the vertical.	No water entered inside the enclosure at the end of the test.	Satisfactory

Tested By

fom
Sayantan Das
SO(Electrical)

Checked By

Gasopadhyay
Samridha Gangopadhyay
SO(Electrical)

Approved By

M V Kishore
Marisetty Venkat Kishore
Scientist - B (Electrical)