

## TEST REPORT

## Test Report Issued To:

AP LANKA (PVT) LTD.

416/5, LEYLAND ROAD, PANAGODA, HOMAGAMA, ,  
SRI LANKA 10200,  
HOMAGAMA, COLOMBO - 10200,  
SRI LANKA

Test Report No: M231215027/M231215027-31

Issue Date: 10-Jan-2024

Sample Booking/Receipt Date: 15-Dec-2023

Test Start Date: 23-Dec-2023

Test Completion Date: 25-Dec-2023



Customer Relationship Number 75488

## Sample Description :

MODIK ALUMINIUM TERMINAL BOX (200X200X120MM)

Customer Reference No :  
MAIL DT.13/12/2023, CI-TEST-IN-SSA-002

Kind Attention : HARSHA DULIP

E-Mail: sales3@timikenclosures.com

Contact No: +947106005246

Sample Condition : Good

Sample Quantity (Approx) : 1 - Nos

Sample Size (Approx) : \* - \*

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED



ULR-TC631424000000427F

Report Issued By

Authenticity of report can be verified by mail at [verification@spectrolab.in](mailto:verification@spectrolab.in)  
This is a Digitally Signed Report and hence doesn't require Physical Signature.

Confidential Business Information

## TEST REPORT

Discipline Name: **Electrical**

Group Name: **Environmental Test Facility**

**DEGREE OF PROTECTION: IP-55**

**PROTECTION AGAINST FIRST CHARACTERISTIC NUMERAL: IP5X**

Sr.No.	TEST PARAMETER	RESULT	TEST METHOD
1.	<b><u>Protection against access to hazardous parts with a wire:</u></b> (First characteristic Numeral 5) <u>Test Condition:</u> ➤ Diameter of Rigid Metal Wire:1 mm ➤ Length of Wire:100 mm ➤ Wire edges free from burrs ➤ Applied force:1N	The wire does not penetrate through the opening of enclosure and adequate clearance was kept	IEC:60529:1989 +AMD1:1999 & AMD2:2013
	<b><u>Protection against solid foreign object:</u></b> <b><u>(DUST-PROTECTED)</u></b> (First characteristic Numeral 5) ➤ Sample kept in the dust chamber with the dust volume 2kg/m <sup>3</sup> for duration of 8 hours.	No Ingress of dust found inside the sample after the test	

Surendra Kumar  
Reviewed By



TC-6314



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Authorised Signatory

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## TEST REPORT

### PROTECTION AGAINST SECOND CHARACTERISTIC NUMERAL: IPX5

Sr.No.	TEST PARAMETER	RESULT	TEST METHOD
2.	<p><b><u>Protection against water jetting Test:</u></b> (Second characteristic numeral 5)</p> <p>The test is made by spraying the enclosure from all practical directions with a stream of water from a standard test nozzle.</p> <p><u>Test Conditions:</u></p> <ul style="list-style-type: none"> <li>➤ Internal diameter of nozzle: 6.3 mm.</li> <li>➤ Delivery rate: 12.5 LPM</li> <li>➤ Distance from nozzle to enclosure surface: 3 meter</li> <li>➤ Test duration: 3 Minutes</li> </ul>	No Ingress of water was observed inside the sample after the test	IEC:60529:1989 +AMD1:1999 & AMD2:2013

**Conclusion: Sample meets the requirement given in the specification as per IE60529:1989+AMD1:1999+AMD2:2013 with respect to IP 55**

Surendra Kumar  
Reviewed By



TC-6314



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