

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



Report Issued By

ULR-TC631424000000427F

Authencity of report can be verified by mail at verification@spectrolab.in

This is a Digitally Signed Report and hence doesn't require Physical Signature.

Confidential Business Information

TEST REPORT

Discipline Name: ElectricalGroup Name: Environmental Test FacilityDEGREE OF PROTECTION: IP-55PROTECTION AGAINST FIRST CHARACTERISTIC NUMERAL: IP5X

Sr.No.	TEST PARAMETER	RESULT	TEST METHOD
1.	<u>Protection against access to hazardous parts with a wire:</u> (First characteristic Numeral 5) <u>Test Condition:</u> <ul style="list-style-type: none"> ➢ 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
	<u>Protection against solid foreign object:</u> <u>(DUST-PROTECTED)</u> (First characteristic Numeral 5) <ul style="list-style-type: none"> ➢ Sample kept in the dust chamber with the dust volume 2kg/m³ for duration of 8 hours. 	No Ingress of dust found inside the sample after the test	


 Surendra Kumar
 Reviewed By


TC-6314



ULR-TC63142400000427F

Authorised Signatory

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TEST REPORT

PROTECTION AGAINST SECOND CHARACTERISTIC NUMERAL: IPX5

Sr.No.	TEST PARAMETER	RESULT	TEST METHOD
2.	<p><u>Protection against water jetting Test:</u> (Second characteristic numeral 5) The test is made by spraying the enclosure from all practical directions with a stream of water from a standard test nozzle. <u>Test Conditions:</u> ➤ Internal diameter of nozzle: 6.3 mm. ➤ Delivery rate: 12.5 LPM ➤ Distance from nozzle to enclosure surface: 3 meter ➤ Test duration: 3 Minutes</p>	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 IEC60529:1989+AMD1:1999+AMD2:2013

with respect to IP 55


Surendra Kumar
Reviewed By



TC-6314



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Authorised Signatory

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