



# **TESTING & CERTIFICATION PROFILE**

**MODIK – Modular Panels & Enclosure Solutions**

## INTRODUCTION

MODIK designs & manufactures, Modular Panel System, Electrical enclosures, Outdoor enclosures, Aluminium enclosures, Battery cabinets. MODIK designs and manufactures custom made enclosures to customer designs and specifications.

Our Research & Development team with many years of R & D experiences, continuously develop our products to be the best products in the market using best technologies available in the world.

All our products, design & manufacture according to relevant international standards & requirements in the electrical & energy industries. We tested & certified our products at independent, international accredited test labs to relevant standards.

MODIK products, manufacture in our own production plant in Sri Lanka, which is an ultra-modern production plant installed with many latest machines including latest CNC machines and robots.

### MODIK Range of Products

- Modular Panels
- Wall Mounting Box Enclosures
- Distribution Boards
- Outdoor Enclosures
- Battery Cabinets
- Aluminium Enclosures
- Telephone DBs

MODIK products are tested according to relevant international standards at accredited test laboratories as applicable .

We continuously invest for testing of our products. We herewith send the profile of our tests, which you may use for your reference and share as you need.

Please contact us on [info@modikenclosures.com](mailto:info@modikenclosures.com) to get more details or for any clarifications.

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## TESTING DATABASE

## PRODUCT - MODIK - Wall Mounting Box Enclosures



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Ingress Protection Test</b> IP Code	<b>IP65</b>	IEC 60529 :1989 Incorporate Amendments No 1 and 2	Eurofins	Test report number M231028006/ M231028006-21, Issue 03	05
		Protection against access to hazardous parts Test wire : Rigid 1mm diameter wire Force : 1N ± 10%.			
		Protection against solid foreign objects Dust Volume : 2kg/m3 Duration : 8 hours			
		Protection against water Nozzle Diameter : 6.3mm Water jet flow rate : 12.5 L/min Distance : 2.5 to 3 metres Duration : 3 minutes			
<b>Impact Resistance Test</b> IK Code	<b>IK08</b>	IEC 62262:2002	Eurofins	Test report number A1M231028006/ M231028006-11, Issue 03	06
		5 Joule impacts on 5 positions per face Drop height: 300mm Number of impacts: 5 per face Number of faces tested: 6 Ambient Condition: Temperature:26°C, Air pressure: 978 mbar			

## CERTIFICATES

## PRODUCT - MODIK - Wall Mounting Box Enclosures

Test - IP Protection Test

Rating - IP65



Scan the QR code to get test certificate

Format No: ES/F/02  
Issue No:03, Issue Date:01-11-2022  
Rev. No:00, Rev. Date: \_\_\_\_\_

Scan the QR code to get test certificate

**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: M231028006/M231028006-21  
Issue Date: 25-Nov-2023  
Sample Booking/Receipt Date: 28-Oct-2023  
Test Start Date: 04-Nov-2023  
Test Completion Date: 06-Nov-2023

---

Customer Relationship Number 75488

---

Customer Reference No :  
MAIL DT.19/10/2023

Kind Attention : HARSHA DULIP  
E-Mail: sales3@timikenlosures.com Contact No: +947106005246

---

Sample Condition : Good  
Sample Quantity (Approx) : 1 - Nos

Sample Size (Approx) : 250 X 300 X 150 - mm

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

---

Report Issued By

ULR-TC63142300013062F

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

ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory

Page 1 of 5

## CERTIFICATES

## PRODUCT - MODIK - Wall Mounting Box Enclosures

Test - Impact Resistance Test

Rating - IK08



Scan the QR code to get test certificate

		Format No: ES/F/02 Issue No:03, Issue Date:01-11-2022 Rev. No:00, Rev. Date: _____
<b>TEST REPORT</b>		
<b>Test Report Issued To:</b> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;">           AP LANKA (PVT) LTD.             416/5,LEYLAND ROAD,PANAGODA, HOMAGAMA, ,            SRI LANKA 10200,            HOMAGAMA, COLOMBO - 10200,            SRI LANKA         </div>		Test Report No: A1M231028006/M231028006-11 Issue Date: 24-Nov-2023 Sample Booking/Receipt Date: 28-Oct-2023 Test Start Date: 04-Nov-2023 Test Completion Date: 06-Nov-2023
		
Customer Relationship Number 75488		
<b>Sample Description :</b> MODIK Wall Mount Box Enclosure (WXHxD 250X300X150mm)		
		
Customer Reference No : MAIL DT.19/10/2023		<b>Amendment Report to Test Report</b> No: M231028006/M231028006-11 Dated: 06-11-2023
Kind Attention : HARSHA DULIP E-Mail: sales3@timikenenclosures.com Contact No: +947106005246		
Sample Condition : Good Sample Quantity (Approx) : 1 - Nos Sample Size (Approx) : 250 X 300 X 150 - mm		
SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED		
 Report Issued By <b>ULR-TC631423000012559F</b> Authenticity of report can be verified by mail at <a href="mailto:verification@spectrolab.in">verification@spectrolab.in</a> This is a Digitally Signed Report and hence doesn't require Physical Signature.		
<b>Confidential Business Information</b>		
ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory		Page 1 of 3

## TESTING DATABASE

## PRODUCT - MODIK - Distribution Boards



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Ingress Protection Test</b> IP Code	<b>IP65</b>	IEC 60529 :1989 Incorporate Amendments No 1 and 2	Eurofins	Test report number M231028006/ M231028006-21, Issue 03	08
		Protection against access to hazardous parts Test wire : Rigid 1mm diameter wire Force : 1N ± 10%.			
		Protection against solid foreign objects Dust Volume : 2kg/m <sup>3</sup> Duration : 8 hours			
		Protection against water Nozzle Diameter : 6.3mm Water jet flow rate : 12.5 L/min Distance : 2.5 to 3 metres Duration : 3 minutes			
<b>Impact Resistance Test</b> IK Code	<b>IK08</b>	IEC 62262:2002	Eurofins	Test report number A1M231028006/M231028006-11, Issue 03	09
		5 Joule impacts on 5 positions per face Mass used: 1.7kg Drop height: 300mm Number of impacts: 5 per face Number of faces tested: 6 Ambient Condition: Temperature: 26°C, Air pressure: 978 mbar			

## CERTIFICATES

## PRODUCT - MODIK - Distribution Boards

Test - IP Protection Test

Rating - IP65



Scan the QR code to get test certificate

TEST REPORT		Format No: ES/F/02 Issue No:03, Issue Date:01-11-2022 Rev. No:00, Rev. Date: _____
<b>Test Report Issued To:</b> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">           AP LANKA (PVT) LTD.             416/5,LEYLAND ROAD,PANAGODA, HOMAGAMA, ,            SRI LANKA 10200,            HOMAGAMA, COLOMBO - 10200,            SRI LANKA         </div>		Test Report No: M231028006/M231028006-21 Issue Date: 25-Nov-2023 Sample Booking/Receipt Date: 28-Oct-2023 Test Start Date: 04-Nov-2023 Test Completion Date: 06-Nov-2023
Customer Relationship Number 75488		
<b>Sample Description :</b> MODIK Wall Mount Box Enclosure (WXHxD 250X300X150mm)		
Customer Reference No : MAIL DT.19/10/2023		
Kind Attention : HARSHA DULIP E-Mail: sales3@timikenlosures.com		Contact No: +947106005246
Sample Condition : Good Sample Quantity (Approx) : 1 - Nos		Sample Size (Approx) : 250 X 300 X 150 - mm
SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED		
		Report Issued By  <b>ULR-TC631423000013062F</b> Authenticity of report can be verified by mail at <a href="mailto:verification@spectrolab.in">verification@spectrolab.in</a> This is a Digitally Signed Report and hence doesn't require Physical Signature.
<b>Confidential Business Information</b>		
ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory		Page 1 of 5

## CERTIFICATES

## PRODUCT - MODIK - Distribution Boards

Test - Impact Resistance Test

Rating - IK08



Scan the QR code to get test certificate


|
Spectra

Format No: ES/F/02  
 Issue No:03, Issue Date:01-11-2022  
 Rev. No:00, Rev. Date: \_\_\_\_\_

**TEST REPORT**

<b>Test Report Issued To:</b> <div style="border: 1px solid #ccc; padding: 5px; background-color: #f0f8ff;">           AP LANKA (PVT) LTD.             416/5,LEYLAND ROAD,PANAGODA, HOMAGAMA, ,            SRI LANKA 10200,            HOMAGAMA, COLOMBO - 10200,            SRI LANKA         </div>	Test Report No: A1M231028006/M231028006-11 Issue Date: 24-Nov-2023 Sample Booking/Receipt Date: 28-Oct-2023 Test Start Date: 04-Nov-2023 Test Completion Date: 06-Nov-2023
	
Customer Relationship Number 75488	
<b>Sample Description :</b> MODIK Wall Mount Box Enclosure (WXHxD 250X300X150mm)	
	
Customer Reference No : MAIL DT.19/10/2023	
<b>Amendment Report to Test Report</b> <b>No:M231028006/M231028006-11 Dated:</b> <b>06-11-2023</b>	
Kind Attention : HARSHA DULIP E-Mail: sales3@timikenlosures.com Contact No: +947106005246	
Sample Condition : Good Sample Quantity (Approx) : 1 - Nos Sample Size (Approx) : 250 X 300 X 150 - mm	
SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED	
 <b>ULR-TC63142300012559F</b> Authenticity of report can be verified by mail at <a href="mailto:verification@spectrolab.in">verification@spectrolab.in</a> This is a Digitally Signed Report and hence doesn't require Physical Signature.	
<b>Confidential Business Information</b>	
ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory	
Report Issued By _____ Page 1 of 3	

## TESTING DATABASE

## PRODUCT - MODIK - Outdoor Enclosures - Wall Mount



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	11

## CERTIFICATES

## PRODUCT - MODIK - Outdoor Enclosures - Wall Mount

Test - UV Radiation Resistance Test

Rating - 500 hours



Scan the QR code to get test certificate

	<b>TEST REPORT</b> <b>Report No. : PN:EE:1456003160</b> 	<b>ISSUE DATE : 22/01/2024</b>																		
<b>AP LANKA (PVT) LTD</b> 416/5, LEYLAND ROAD Homagama-10200 LK <b>CONTACT PERSON : HARSHA DULIP</b>																				
<b>THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :</b> <b>SAMPLE DESCRIPTION</b> EXTERIOR POWDER COATED EG PLATES <b>COLOUR</b> RAL 7035 <b>OEM</b> OTHER <b>COUNTRY OF ORIGIN</b> SRI LANKA <b>DATE OF REGISTRATION</b> 10/10/2023 <b>TESTING PERIOD :</b> 20/12/2023-14/01/2024 <b>TEST(S) REQUESTED</b> LIGHT RESISTANCE (UV RESISTANCE) TEST																				
<b><u>LIGHT RESISTANCE (UV RESISTANCE) TEST</u></b>																				
<b>Test Method</b> : ISO 4892-2:2013/Amd.1:2021 (Method A – Cycle 1)																				
<b>Test Instrumentation :</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">Instrument Name</th> <th style="text-align: center; padding: 5px;">Instrument Make</th> <th style="text-align: center; padding: 5px;">Date of calibration</th> <th style="text-align: center; padding: 5px;">Calibration due date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">Weatherometer</td> <td style="text-align: center; padding: 5px;">ATLAS</td> <td style="text-align: center; padding: 5px;">12/12/2023</td> <td style="text-align: center; padding: 5px;">12/06/2024</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Spectrophotometer</td> <td style="text-align: center; padding: 5px;">BYK</td> <td style="text-align: center; padding: 5px;">11/08/2023</td> <td style="text-align: center; padding: 5px;">11/08/2024</td> </tr> </tbody> </table>			Instrument Name	Instrument Make	Date of calibration	Calibration due date	Weatherometer	ATLAS	12/12/2023	12/06/2024	Spectrophotometer	BYK	11/08/2023	11/08/2024						
Instrument Name	Instrument Make	Date of calibration	Calibration due date																	
Weatherometer	ATLAS	12/12/2023	12/06/2024																	
Spectrophotometer	BYK	11/08/2023	11/08/2024																	
<b>Test condition</b> : Conducted weathering test as per following conditions: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;">Black standard temperature</td> <td style="width: 10%; text-align: center; padding: 5px;">:</td> <td style="width: 60%; padding: 5px;">65°C±3°C</td> </tr> <tr> <td style="width: 30%; padding: 5px;">Chamber Temperature in dry phase</td> <td style="width: 10%; text-align: center; padding: 5px;">:</td> <td style="width: 60%; padding: 5px;">38±3°C</td> </tr> <tr> <td style="width: 30%; padding: 5px;">Relative Humidity</td> <td style="width: 10%; text-align: center; padding: 5px;">:</td> <td style="width: 60%; padding: 5px;">50±10%</td> </tr> <tr> <td style="width: 30%; padding: 5px;">Irradiance ((300 nm to 400 nm)</td> <td style="width: 10%; text-align: center; padding: 5px;">:</td> <td style="width: 60%; padding: 5px;">60±2 W/m<sup>2</sup></td> </tr> <tr> <td style="width: 30%; padding: 5px;">Dry / Rain ratio per cycle</td> <td style="width: 10%; text-align: center; padding: 5px;">:</td> <td style="width: 60%; padding: 5px;">102 minutes dry / 18 minutes water spray</td> </tr> <tr> <td style="width: 30%; padding: 5px;">Test duration</td> <td style="width: 10%; text-align: center; padding: 5px;">:</td> <td style="width: 60%; padding: 5px;">500 hours</td> </tr> </table>			Black standard temperature	:	65°C±3°C	Chamber Temperature in dry phase	:	38±3°C	Relative Humidity	:	50±10%	Irradiance ((300 nm to 400 nm)	:	60±2 W/m <sup>2</sup>	Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray	Test duration	:	500 hours
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Irradiance ((300 nm to 400 nm)	:	60±2 W/m <sup>2</sup>																		
Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray																		
Test duration	:	500 hours																		
JOE No. : 2356800842 <span style="float: right;">Control No.:1456503711</span> This document is issued by the Company subject to its General Conditions of Service printend overleaf, available on request or accessible at <a href="http://www.sgsgroup.in/Service-Terms">http://www.sgsgroup.in/Service-Terms</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents a <a href="http://www.sgs.com/terms_e-document.htm">www.sgs.com/terms_e-document.htm</a> . Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law. <i>The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer.</i> Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days. from the date of issue of report .The samples from the regulatory bodies are to be retained as specified. This document cannot be reproduced, except in full, without prior written approval of the company.																				
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Member of the SGS Group (SGS SA)																				

## TESTING DATABASE

## PRODUCT - MODIK - Outdoor Enclosures - Free Standing



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Impact Resistance Test</b> IK Code	<b>IK10</b>	IEC 62262	TÜV Rheinland	Test report number IN24OB9F 001	13
	20 Joule impacts on 5 positions per face Drop height: 400mm Number of impacts: 3 per face Number of faces tested: 6				
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	14
	Black standard temperature : $65^{\circ}\text{C} \pm 3^{\circ}\text{C}$ Chamber Temperature in dry phase : $38 \pm 3^{\circ}\text{C}$ Relative Humidity : $50 \pm 10\%$ Irradiance ((300 nm to 400 nm) : $60 \pm 2 \text{ W/m}^2$ Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray				

## CERTIFICATES

## PRODUCT - MODIK - Outdoor Enclosures - Free Standing

Test - Impact Resistance Test

Rating - IK10



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**Prüfbericht - Produkte**  
*Test Report - Products*


<b>Prüfbericht-Nr.:</b> <i>Test report no.:</i>	IN24OB9F 001	<b>Auftrags-Nr.:</b> <i>Order no.:</i>	146845757	Seite 1 von 7 <i>Page 1 of 7</i>
<b>Kunden-Referenz-Nr.:</b> <i>Client reference no.:</i>	2540776	<b>Auftragsdatum:</b> <i>Order date:</i>	2023.10.05	
<b>Auftraggeber:</b> <i>Client:</i>	AP Lanka (Pvt) Ltd. 416/5, Leyland Road, Panagoda, Sri Lanka			
<b>Prüfgegenstand:</b> <i>Test item:</i>	Outdoor Electrical Panels, Battery Cabinets, 19" Racks			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type no.:</i>	MODIK Outdoor Free Standing Enclosures			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	Testing And Issue of Test Report			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	Refer section "Summary of Testing"			
<b>Wareneingangsdatum:</b> <i>Date of sample receipt:</i>	2024.01.03			
<b>Prüfmuster-Nr.:</b> <i>Test sample no.:</i>	A003635944-001			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	2024.01.31			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	Confidential Business Information			
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	Confidential Business Information			
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Refer section "summary of testing"			



geprüft / tested by:

Kontrolliert / reviewed by:

2024.02.06 Tynes T M / Engineer

2024.02.06 Basavant M Magadum / Manager

Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>
----------------------	---	----------------------------------	----------------------	---	----------------------------------

**Sonstiges /** This test report consists of 7 pages, including this cover page and following attachment.  
*Other:* Attachment 1: Photo Document

**Zustand des Prüfgegenstandes bei Anlieferung:** Prüfmuster vollständig und unbeschädigt  
*Condition of the test item at delivery:* Test item complete and undamaged

\* Legende: P(pass) = entspricht o.g. Prüfgrundlage(n) F(all) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet

\* Legend: P(pass) = passed a.m. test specification(s) F(all) = failed a.m. test specification(s) N/A = not applicable N/T = not tested

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.  
*This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.*

VSD

Confidential Business Information

## CERTIFICATES

## PRODUCT - MODIK - Outdoor Enclosures - Free Standing

Test - UV Radiation Resistance Test

Rating - 500 hours



Scan the QR code to get test certificate

	<b>TEST REPORT</b>																				
<b>Report No. : PN:EE:1456003160</b>	<b>ISSUE DATE : 22/01/2024</b>																				
																					
<b>AP LANKA (PVT) LTD</b> 416/5, LEYLAND ROAD Homagama-10200 LK <b>CONTACT PERSON : HARSHA DULIP</b>																					
<b>THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :</b> <b>SAMPLE DESCRIPTION</b> EXTERIOR POWDER COATED EG PLATES <b>COLOUR</b> RAL 7035 <b>OEM</b> OTHER <b>COUNTRY OF ORIGIN</b> SRI LANKA <b>DATE OF REGISTRATION</b> 10/10/2023 <b>TESTING PERIOD :</b> 20/12/2023-14/01/2024 <b>TEST(S) REQUESTED</b> LIGHT RESISTANCE (UV RESISTANCE) TEST																					
<b><u>LIGHT RESISTANCE (UV RESISTANCE) TEST</u></b>																					
<b>Test Method</b> : ISO 4892-2:2013/Amd.1:2021 (Method A – Cycle 1)																					
<b>Test Instrumentation :</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">Instrument Name</th> <th style="text-align: center; padding: 5px;">Instrument Make</th> <th style="text-align: center; padding: 5px;">Date of calibration</th> <th style="text-align: center; padding: 5px;">Calibration due date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">Weatherometer</td> <td style="text-align: center; padding: 5px;">ATLAS</td> <td style="text-align: center; padding: 5px;">12/12/2023</td> <td style="text-align: center; padding: 5px;">12/06/2024</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Spectrophotometer</td> <td style="text-align: center; padding: 5px;">BYK</td> <td style="text-align: center; padding: 5px;">11/08/2023</td> <td style="text-align: center; padding: 5px;">11/08/2024</td> </tr> </tbody> </table>				Instrument Name	Instrument Make	Date of calibration	Calibration due date	Weatherometer	ATLAS	12/12/2023	12/06/2024	Spectrophotometer	BYK	11/08/2023	11/08/2024						
Instrument Name	Instrument Make	Date of calibration	Calibration due date																		
Weatherometer	ATLAS	12/12/2023	12/06/2024																		
Spectrophotometer	BYK	11/08/2023	11/08/2024																		
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## TESTING DATABASE

## PRODUCT - MODIK - Outdoor Battery Cabinets



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Impact Resistance Test</b> IK Code	<b>IK10</b>	IEC 62262	TÜV Rheinland	Test report number IN24OB9F 001	16
		20 Joule impacts on 5 positions per face Drop height: 400mm Number of impacts: 3 per face Number of faces tested: 6			
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	17
		Black standard temperature : 65°C±3°C Chamber Temperature in dry phase : 38±3°C Relative Humidity : 50±10% Irradiance ((300 nm to 400 nm) : 60±2 W/m <sup>2</sup> Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray			

## CERTIFICATES

## PRODUCT - MODIK - Outdoor Battery Cabinets

Test - Impact Resistance Test

Rating - IK10



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**Prüfbericht - Produkte**  
*Test Report - Products*

 Seite 1 von 7  
*Page 1 of 7*

<b>Prüfbericht-Nr.:</b> <i>Test report no.:</i>	IN24OB9F 001	<b>Auftrags-Nr.:</b> <i>Order no.:</i>	146845757
<b>Kunden-Referenz-Nr.:</b> <i>Client reference no.:</i>	2540776	<b>Auftragsdatum:</b> <i>Order date:</i>	2023.10.05
<b>Auftraggeber:</b> <i>Client:</i>	AP Lanka (Pvt) Ltd. 416/5, Leyland Road, Panagoda, Sri Lanka		
<b>Prüfgegenstand:</b> <i>Test item:</i>	Outdoor Electrical Panels, Battery Cabinets, 19" Racks		
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type no.:</i>	MODIK Outdoor Free Standing Enclosures		
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	Testing And Issue of Test Report		
<b>Prüfgrundlage:</b> <i>Test specification:</i>	Refer section "Summary of Testing"		
<b>Wareneingangsdatum:</b> <i>Date of sample receipt:</i>	2024.01.03		
<b>Prüfmuster-Nr.:</b> <i>Test sample no.:</i>	A003635944-001		
<b>Prüfzeitraum:</b> <i>Testing period:</i>	2024.01.31		
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	Confidential Business Information		
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	Confidential Business Information		
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Refer section "summary of testing"		

geprüft / tested by:

Kontrolliert / reviewed by:

2024.02.06 Tynes T M / Engineer

2024.02.06 Basavant M Magadum / Manager

Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>
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**Sonstiges /**  
*Other:* This test report consists of 7 pages, including this cover page and following attachment.  
Attachment 1: Photo Document

**Zustand des Prüfgegenstandes bei Anlieferung:**  
*Condition of the test item at delivery:* Prüfmuster vollständig und unbeschädigt  
*Test item complete and undamaged*

\* Legende: P(pass) = entspricht o.g. Prüfgrundlage(n) F(all) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet

\* Legend: P(pass) = passed a.m. test specification(s) F(all) = failed a.m. test specification(s) N/A = not applicable N/T = not tested

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.  
This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.

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## CERTIFICATES

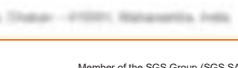
## PRODUCT - MODIK - Outdoor Battery Cabinets

Test - UV Radiation Resistance Test

Rating - 500 hours



Scan the QR code to get test certificate

	<b>TEST REPORT</b> <b>Report No. : PN:EE:1456003160</b> <b>ISSUE DATE : 22/01/2024</b> 																		
<b>AP LANKA (PVT) LTD</b> 416/5, LEYLAND ROAD Homagama-10200 LK <b>CONTACT PERSON : HARSHA DULIP</b>																			
<b>THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :</b> <b>SAMPLE DESCRIPTION</b> EXTERIOR POWDER COATED EG PLATES <b>COLOUR</b> RAL 7035 <b>OEM</b> OTHER <b>COUNTRY OF ORIGIN</b> SRI LANKA <b>DATE OF REGISTRATION</b> 10/10/2023 <b>TESTING PERIOD :</b> 20/12/2023-14/01/2024 <b>TEST(S) REQUESTED</b> LIGHT RESISTANCE (UV RESISTANCE) TEST																			
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<b>Test Method</b> : ISO 4892-2:2013/Amd.1:2021 (Method A – Cycle 1)																			
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## TESTING DATABASE

## PRODUCT - MODIK - Aluminium Wall Mounting Box Enclosures



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Ingress Protection Test</b> IP Code	<b>IP66</b>	IEC 60529 : 2013 Incorporate Amendments No 1 and 2	SGS	Test report number PN:EE:1456002974	19
		<u>Protection against access to hazardous parts</u> Test wire : Rigid 1mm diameter wire Force : 1N ± 10%.			
		<u>Protection against solid foreign objects</u> Dust Volume : 2kg/m <sup>3</sup> Duration : 8 hours			
		<u>Protection against water</u> Nozzle Diameter : 12.5 mm Water jet flow rate : 100 L/min Distance : 2.5 to 3 metres Duration : 3 minutes			
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	20
		Black standard temperature : 65°C ± 3°C Chamber Temperature in dry phase : 38 ± 3°C Relative Humidity : 50 ± 10% Irradiance ((300 nm to 400 nm) : 60 ± 2 W/m <sup>2</sup> Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray			

## CERTIFICATES

## PRODUCT - MODIK - Aluminium Wall Mounting Box Enclosures

Test - IP Protection Test

Rating - IP66



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**TEST REPORT**

Report No. : PN:EE:1456002974 ISSUE DATE : 22/11/2023

**AP LANKA (PVT) LTD**  
 416/5, LEYLAND ROAD  
 HOMAGAMA-10200  
 LK  
**CONTACT PERSON** : MR. HARSHA DULIP

**THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :**  
**SAMPLE DESCRIPTION** MODIK ALUMINUM WALL MOUNT BOX ENCLOSURE  
**COLOUR** RAL 7035  
**PART NO** 775030  
**OEM** OTHERS  
**COUNTRY OF ORIGIN** SRI LANKA  
**DATE OF REGISTRATION** 27/09/2023  
**TEST WITNESSED BY** NA  
**TEST(S) REQUESTED** Refer annexure

**TESTING PERIOD : 21/11/2023 – 22/11/2023**

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6.	Annexure 1 : IP66 Test.....	8
	6.1 Test condition : .....	8
	6.2 No. of DUT's : .....	8
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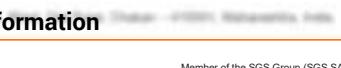
## PRODUCT - MODIK - Aluminium Wall Mounting Box Enclosures

Test - UV Radiation Resistance Test

Rating - 500 hours



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	<b>TEST REPORT</b> <b>Report No. : PN:EE:1456003160</b> 	<b>ISSUE DATE : 22/01/2024</b>																		
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## TESTING DATABASE

## PRODUCT - MODIK - Aluminium Distribution Boards



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Ingress Protection Test</b> IP Code	<b>IP66</b>	IEC 60529 : 2013 Incorporate Ammendments No 1 and 2	SGS	Test report number PN:EE:1456002974	22
		<p><u>Protection against access to hazardous parts</u> Test wire : Rigid 1mm diameter wire Force : 1N ± 10%.</p> <p><u>Protection against solid foreign objects</u> Dust Volume : 2kg/m<sup>3</sup> Duration : 8 hours</p> <p><u>Protection against water</u> Nozzle Diameter : 12.5 mm Water jet Flow rate : 100 L/min Distance : 2.5 to 3 metres Duration : 3 minutes</p>			
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	23
		<p>Black standard temperature : 65°C±3°C Chamber Temperature in dry phase : 38±3°C Relative Humidity : 50±10% Irradiance ((300 nm to 400 nm) : 60±2 W/m<sup>2</sup> Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray</p>			



## CERTIFICATES

## PRODUCT - MODIK - Aluminium Distribution Boards

Test - UV Radiation Resistance Test

Rating - 500 hours



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## TEST REPORT

Report No. : PN:EE:1456003160



ISSUE DATE : 22/01/2024

AP LANKA (PVT) LTD  
416/5, LEYLAND ROAD  
Homagama-10200  
LK

CONTACT PERSON : HARSHA DULIP

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION	EXTERIOR POWDER COATED EG PLATES
COLOUR	RAL 7035
OEM	OTHER
COUNTRY OF ORIGIN	SRI LANKA
DATE OF REGISTRATION	10/10/2023
TEST(S) REQUESTED	TESTING PERIOD : 20/12/2023-14/01/2024 LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TESTTest Method : ISO 4892-2:2013/Amd.1:2021 (Method A – Cycle 1)Test Instrumentation :

Instrument Name	Instrument Make	Date of calibration	Calibration due date
Weatherometer	ATLAS	12/12/2023	12/06/2024
Spectrophotometer	BYK	11/08/2023	11/08/2024

Test condition : Conducted weathering test as per following conditions:

Black standard temperature	:	65°C±3°C
Chamber Temperature in dry phase	:	38±3°C
Relative Humidity	:	50±10%
Irradiance ((300 nm to 400 nm)	:	60±2 W/m <sup>2</sup>
Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray
Test duration	:	500 hours

JOE No. : 2356800842

Page -1 of 3

Control No.:1456503711

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## TESTING DATABASE

## PRODUCT - MODIK - Aluminium Distribution Boards - PAN Busbars



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Ingress Protection Test</b> IP Code	<b>IP66</b>	IEC 60529 : 2013 Incorporate Amendments No 1 and 2	SGS	Test report number PN:EE:1456002974	25
		<u>Protection against access to hazardous parts</u> Test wire : Rigid 1mm diameter wire Force : $1N \pm 10\%$ .			
		<u>Protection against solid foreign objects</u> Duration : 8 hours			
		<u>Protection against water</u> Nozzle Diameter : 12.5 mm Water jet flow rate : 100 L/min Distance : 2.5 to 3 metres Duration : 3 minutes			
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	26
		Black standard temperature : $65^{\circ}\text{C} \pm 3^{\circ}\text{C}$ Chamber Temperature in dry phase : $38 \pm 3^{\circ}\text{C}$ Relative Humidity : $50 \pm 10\%$ Irradiance (300 nm to 400 nm) : $60 \pm 2 \text{ W/m}^2$ Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray			

## CERTIFICATES

## PRODUCT - MODIK - Aluminium Distribution Boards - PAN Busbars

Test - IP Protection Test

Rating - IP66



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certificate

**SGS**

**TEST REPORT**

Report No. : PN:EE:1456002974 ISSUE DATE : 22/11/2023

AP LANKA (PVT) LTD  
416/5, LEYLAND ROAD  
HOMAGAMA-10200  
LK  
CONTACT PERSON : MR. HARSHA DULIP

**THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :**

<b>SAMPLE DESCRIPTION</b>	MODIK ALUMINUM WALL MOUNT BOX ENCLOSURE
<b>COLOUR</b>	RAL 7035
<b>PART NO</b>	775030
<b>OEM</b>	OTHERS
<b>COUNTRY OF ORIGIN</b>	SRI LANKA
<b>DATE OF REGISTRATION</b>	27/09/2023
<b>TEST WITNESSED BY</b>	NA
<b>TEST(S) REQUESTED</b>	Refer annexure

**TESTING PERIOD : 21/11/2023 – 22/11/2023**

---

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1. Summary table :.....	2
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5. DUT Information : .....	6
5.1 Peripheral requirements : .....	7
6. Annexure 1 : IP66 Test.....	8
6.1 Test condition : .....	8
6.2 No. of DUT's : .....	8
6.3 Acceptance criteria : .....	8
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## CERTIFICATES

## PRODUCT - MODIK - Aluminium Distribution Boards - PAN Busbars

Test - UV Radiation Resistance Test

Rating - 500 hours



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	<b>TEST REPORT</b>														
<b>Report No. : PN:EE:1456003160</b>	<b>ISSUE DATE : 22/01/2024</b>														
															
<b>AP LANKA (PVT) LTD</b> 416/5, LEYLAND ROAD Homagama-10200 LK <b>CONTACT PERSON : HARSHA DULIP</b>															
<b>THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :</b>															
<b>SAMPLE DESCRIPTION</b>	EXTERIOR POWDER COATED EG PLATES														
<b>COLOUR</b>	RAL 7035														
<b>OEM</b>	OTHER														
<b>COUNTRY OF ORIGIN</b>	SRI LANKA														
<b>DATE OF REGISTRATION</b>	10/10/2023 <b>TESTING PERIOD :</b> 20/12/2023-14/01/2024														
<b>TEST(S) REQUESTED</b>	LIGHT RESISTANCE (UV RESISTANCE) TEST														
<b><u>LIGHT RESISTANCE (UV RESISTANCE) TEST</u></b>															
<b>Test Method</b> : ISO 4892-2:2013/Amd.1:2021 (Method A – Cycle 1)															
<b>Test Instrumentation :</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">Instrument Name</th> <th style="text-align: center; padding: 5px;">Instrument Make</th> <th style="text-align: center; padding: 5px;">Date of calibration</th> <th style="text-align: center; padding: 5px;">Calibration due date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">Weatherometer</td> <td style="text-align: center; padding: 5px;">ATLAS</td> <td style="text-align: center; padding: 5px;">12/12/2023</td> <td style="text-align: center; padding: 5px;">12/06/2024</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Spectrophotometer</td> <td style="text-align: center; padding: 5px;">BYK</td> <td style="text-align: center; padding: 5px;">11/08/2023</td> <td style="text-align: center; padding: 5px;">11/08/2024</td> </tr> </tbody> </table>				Instrument Name	Instrument Make	Date of calibration	Calibration due date	Weatherometer	ATLAS	12/12/2023	12/06/2024	Spectrophotometer	BYK	11/08/2023	11/08/2024
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<small>JOE No. : 2356800842      Page -1 of 3      Control No.:1456503711</small>															
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## TESTING DATABASE

## PRODUCT - MODIK - Aluminium Terminal Boxes



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Ingress Protection Test</b> IP Code	<b>IP55</b>	IEC 60529 :1989 Incorporate Amendments No 1 and 2	Eurofins	Test report number M231215027/ M231215027-31 Issue No: 03	28
		<u>Protection against access to hazardous parts</u> Test wire : Rigid 1mm diameter wire Force : 1N ± 10%.			
		<u>Protection against solid foreign objects</u> Dust Volume : 2kg/m3 Duration : 8 hours			
		<u>Protection against water</u> Nozzle Diameter : 6.3 mm Water jet flow rate : 12.5 L/min Distance : 2.5 to 3 metres Duration : 3 minutes			
<b>Impact Resistance Test</b> IK Code	<b>IK07</b>	IEC 62262	Eurofins	Test report number A1M231215027/ M231215027-11, Issue No: 03	29
		2 Joule impacts on 5 positions per face Mass used: 0.5kg Drop height: 400mm Number of impacts: 5 per face Number of faces tested: 6 Ambient Condition: Temperature: 26°C, Air pressure: 978 mbar			
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	30
		Black standard temperature : 65°C±3°C Chamber Temperature in dry phase : 38±3°C Relative Humidity : 50±10% Irradiance ((300 nm to 400 nm) : 60±2 W/m² Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray			

## CERTIFICATES

## PRODUCT - MODIK - Aluminium Terminal Boxes

Test - IP Protection Test

Rating - IP55



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TEST REPORT		Format No: ES/F/02 Issue No:03, Issue Date:01-11-2022 Rev. No:00, Rev. Date: _____
<b>Test Report Issued To:</b> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">           AP LANKA (PVT) LTD.             416/5,LEYLAND ROAD,PANAGODA, HOMAGAMA, ,            SRI LANKA 10200,            HOMAGAMA, COLOMBO - 10200,            SRI LANKA         </div>		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		
<b>Sample Description :</b> 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@timikenlosures.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 Authenticity of report can be verified by mail at <a href="mailto:verification@spectrolab.in">verification@spectrolab.in</a> This is a Digitally Signed Report and hence doesn't require Physical Signature.		Report Issued By
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ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory		Page 1 of 5

## CERTIFICATES

## PRODUCT - MODIK - Aluminium Terminal Boxes

Test - Impact Resistance Test

Rating - IK07



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 <b>TEST REPORT</b>		Format No: ES/F/02 Issue No:03, Issue Date:01-11-2022 Rev. No:00, Rev. Date: _____	
<b>Test Report Issued To:</b> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">           AP LANKA (PVT) LTD.             416/5,LEYLAND ROAD,PANAGODA, HOMAGAMA, ,            SRI LANKA 10200,            HOMAGAMA, COLOMBO - 10200,            SRI LANKA         </div>		Test Report No: A1M231215027/M231215027-11 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			
<b>Sample Description :</b> MODIK ALUMINIUM TERMINAL BOX (200X200X120MM)			
Customer Reference No : MAIL DT.13/12/2023, CI-TEST-IN-SSA-002		<b>Amendment Report to Test Report</b> No: M231215027/M231215027-11 Dated: 26-12-2023	
Kind Attention : HARSHA DULIP E-Mail: sales3@timikenlosures.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 <b>ULR-TC63142400000421F</b> Authenticity of report can be verified by mail at <a href="mailto:verification@spectrolab.in">verification@spectrolab.in</a> This is a Digitally Signed Report and hence doesn't require Physical Signature.	
<b>Confidential Business Information</b>			
ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory		Page 1 of 3	

## CERTIFICATES

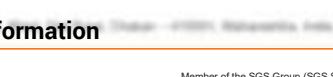
## PRODUCT - MODIK - Aluminium Terminal Boxes

Test - UV Radiation Resistance Test

Rating - 500 hours



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	<b>TEST REPORT</b> <b>Report No. : PN:EE:1456003160</b>  <b>ISSUE DATE : 22/01/2024</b>																		
<b>AP LANKA (PVT) LTD</b> 416/5, LEYLAND ROAD Homagama-10200 LK <b>CONTACT PERSON : HARSHA DULIP</b>																			
<b>THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :</b> <b>SAMPLE DESCRIPTION</b> EXTERIOR POWDER COATED EG PLATES <b>COLOUR</b> RAL 7035 <b>OEM</b> OTHER <b>COUNTRY OF ORIGIN</b> SRI LANKA <b>DATE OF REGISTRATION</b> 10/10/2023 <b>TESTING PERIOD :</b> 20/12/2023-14/01/2024 <b>TEST(S) REQUESTED</b> LIGHT RESISTANCE (UV RESISTANCE) TEST																			
<b><u>LIGHT RESISTANCE (UV RESISTANCE) TEST</u></b>																			
<b>Test Method</b> : ISO 4892-2:2013/Amd.1:2021 (Method A – Cycle 1)																			
<b>Test Instrumentation</b> :																			
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Spectrophotometer	BYK	11/08/2023	11/08/2024																
<b>Test condition</b> : Conducted weathering test as per following conditions: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;">Black standard temperature</td> <td style="width: 10%; text-align: center; padding: 5px;">:</td> <td style="width: 60%; text-align: center; padding: 5px;">65°C±3°C</td> </tr> <tr> <td>Chamber Temperature in dry phase</td> <td style="text-align: center; padding: 5px;">:</td> <td style="text-align: center; padding: 5px;">38±3°C</td> </tr> <tr> <td>Relative Humidity</td> <td style="text-align: center; padding: 5px;">:</td> <td style="text-align: center; padding: 5px;">50±10%</td> </tr> <tr> <td>Irradiance ((300 nm to 400 nm)</td> <td style="text-align: center; padding: 5px;">:</td> <td style="text-align: center; padding: 5px;">60±2 W/m<sup>2</sup></td> </tr> <tr> <td>Dry / Rain ratio per cycle</td> <td style="text-align: center; padding: 5px;">:</td> <td style="text-align: center; padding: 5px;">102 minutes dry / 18 minutes water spray</td> </tr> <tr> <td>Test duration</td> <td style="text-align: center; padding: 5px;">:</td> <td style="text-align: center; padding: 5px;">500 hours</td> </tr> </table>		Black standard temperature	:	65°C±3°C	Chamber Temperature in dry phase	:	38±3°C	Relative Humidity	:	50±10%	Irradiance ((300 nm to 400 nm)	:	60±2 W/m <sup>2</sup>	Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray	Test duration	:	500 hours
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Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray																	
Test duration	:	500 hours																	
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## TESTING DATABASE

## PRODUCT - MODIK - Aluminium Outdoor Enclosures - Free Standing



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Ingress Protection Test</b> IP Code	<b>IP54</b>	IEC 60529 : Edition 2.2 2013-08	TÜV Rheinland	Test report number IN24RECJ 001	32
<u>Protection against access to hazardous parts</u> Test wire : Rigid 1mm diameter wire Force : 1N ± 10%.					
<u>Protection against solid foreign objects</u> Dust Volume : 2kg/m3 Duration : 8 hours					
<u>Protection against water</u> Water jet flow rate : 0.07 l/min/nozzle Distance : 2.5 to 3 metres Duration : 10 minutes					
<b>Impact Resistance Test</b> IK Code	<b>IK07</b>	IEC 62262	TÜV Rheinland	Test report number IN24PBIO 001	33
2 Joule impacts on 5 positions per face Drop height: 400mm Number of impacts: 3 per face Number of faces tested: 5					
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	34
Black standard temperature : 65°C±3°C Chamber Temperature in dry phase : 38±3°C Relative Humidity : 50±10% Irradiance ((300 nm to 400 nm) : 60±2 W/m² Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray					

## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor Enclosures - Free Standing

Test - IP Protection Test

Rating - IP54



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**Prüfbericht - Produkte**  
 Test Report - Products


<b>Prüfbericht-Nr.:</b> Test report no.:	<b>IN24RECJ 001</b>	<b>Auftrags-Nr.:</b> Order no.:	146845757	Seite 1 von 8 Page 1 of 8
<b>Kunden-Referenz-Nr.:</b> Client reference no.:	2540776	<b>Auftragsdatum:</b> Order date:	2023.10.05	
<b>Auftraggeber:</b> Client:	AP Lanka (Pvt) Ltd. 416/5, Leyland Road, Panagoda, Sri Lanka			
<b>Prüfgegenstand:</b> Test item:	Aluminium Outdoor Free Standing Enclosure - Bolted			
<b>Bezeichnung / Typ-Nr.:</b> Identification / Type no.:	MODIK Aluminium Outdoor Free Standing Enclosures			
<b>Auftrags-Inhalt:</b> Order content:	Testing and issue of test report			
<b>Prüfgrundlage:</b> Test specification:	Refer section "Summary of Testing"			
<b>Wareneingangsdatum:</b> Date of sample receipt:	2024.01.03			
<b>Prüfmuster-Nr.:</b> Test sample no.:	A003635944-002			
<b>Prüfzeitraum:</b> Testing period:	IP5X 2024.01.08 & IPX4 2024.01.10			
<b>Ort der Prüfung:</b> Place of testing:	Confidential Business Information			
<b>Prüflaboratorium:</b> Testing laboratory:	Confidential Business Information			
<b>Prüfergebnis*:</b> Test result*:	Refer section "Summary of Testing"			
<b>geprüft / tested by:</b>		<b>Kontrolliert / reviewed by:</b>		



2024.02.06	Tynes T M / Engineer	2024.02.06	Basavant Magadum / Manager		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position	Unterschrift Signature

**Sonstiges /** This test report consists of 8 pages, including this cover page and following attachment.  
**Other:** Attachment 1: Photo Document

**Zustand des Prüfgegenstandes bei Anlieferung:** Prüfmuster vollständig und unbeschädigt  
**Condition of the test item at delivery:** Test item complete and undamaged

\* Legende: P(pass) = entspricht o.g. Prüfgrundlage(n) F(all) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet  
 \* Legend: P(pass) = passed a.m. test specification(s) F(all) = failed a.m. test specification(s) N/A = not applicable N/T = not tested

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.  
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## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor Enclosures - Free Standing

Test - Impact Resistance Test

Rating - IK07

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certificatePrüfbericht - Produkte  
Test Report - Products

Prüfbericht-Nr.:	IN24PBIO 001	Auftrags-Nr.:	146845757	Seite 1 von 7
Test report no.:		Order no.:		Page 1 of 7
Kunden-Referenz-Nr.:	2540776	Auftragsdatum:	2023.10.05	
Client reference no.:		Order date:		
Auftraggeber:	AP Lanka (Pvt) Ltd. Client: 416/5, Leyland Road, Panagoda, Sri Lanka			
Prüfgegenstand:	Aluminium Outdoor Free Standing Enclosure - Bolted			
Test item:				
Bezeichnung / Typ-Nr.:	MODIK Aluminium Outdoor Free Standing Enclosures			
Identification / Type no.:				
Auftrags-Inhalt:	Testing And Issue of Test Report			
Order content:				
Prüfgrundlage:	Refer section "Summary of Testing"			
Test specification:				
Wareneingangsdatum:	2024.01.03			
Date of sample receipt:				
Prüfmuster-Nr.:	A003635944-002			
Test sample no.:				
Prüfzeitraum:	2024.01.31			
Testing period:				
Ort der Prüfung:	Confidential Business Information			
Place of testing:				
Prüflaboratorium:	Confidential Business Information			
Testing laboratory:				
Prüfergebnis*:	Refer section "summary of testing"			
Test result*:				
geprüft / tested by:		Kontrolliert / reviewed by:		
2024.02.06	Tynes T M / Engineer	2024.02.06	Basavant M Magadum / Manager	
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
Unterschrift Signature		Unterschrift Signature	Unterschrift Signature	
Sonstiges / Other:	This test report consists of 7 pages, including this cover page and following attachment. Attachment 1: Photo Document			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
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## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor Enclosures - Free Standing

Test - UV Radiation Resistance Test

Rating - 500 hours



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	<b>TEST REPORT</b>														
<b>Report No. : PN:EE:1456003160</b>	<b>ISSUE DATE : 22/01/2024</b>														
															
<b>AP LANKA (PVT) LTD</b> 416/5, LEYLAND ROAD Homagama-10200 LK <b>CONTACT PERSON : HARSHA DULIP</b>															
<b>THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :</b>															
<b>SAMPLE DESCRIPTION</b>	EXTERIOR POWDER COATED EG PLATES														
<b>COLOUR</b>	RAL 7035														
<b>OEM</b>	OTHER														
<b>COUNTRY OF ORIGIN</b>	SRI LANKA														
<b>DATE OF REGISTRATION</b>	10/10/2023 <b>TESTING PERIOD :</b> 20/12/2023-14/01/2024														
<b>TEST(S) REQUESTED</b>	LIGHT RESISTANCE (UV RESISTANCE) TEST														
<b><u>LIGHT RESISTANCE (UV RESISTANCE) TEST</u></b>															
<b>Test Method</b> : ISO 4892-2:2013/Amd.1:2021 (Method A – Cycle 1)															
<b>Test Instrumentation :</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">Instrument Name</th> <th style="text-align: center; padding: 5px;">Instrument Make</th> <th style="text-align: center; padding: 5px;">Date of calibration</th> <th style="text-align: center; padding: 5px;">Calibration due date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">Weatherometer</td> <td style="text-align: center; padding: 5px;">ATLAS</td> <td style="text-align: center; padding: 5px;">12/12/2023</td> <td style="text-align: center; padding: 5px;">12/06/2024</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Spectrophotometer</td> <td style="text-align: center; padding: 5px;">BYK</td> <td style="text-align: center; padding: 5px;">11/08/2023</td> <td style="text-align: center; padding: 5px;">11/08/2024</td> </tr> </tbody> </table>				Instrument Name	Instrument Make	Date of calibration	Calibration due date	Weatherometer	ATLAS	12/12/2023	12/06/2024	Spectrophotometer	BYK	11/08/2023	11/08/2024
Instrument Name	Instrument Make	Date of calibration	Calibration due date												
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Spectrophotometer	BYK	11/08/2023	11/08/2024												
<b>Test condition</b> : Conducted weathering test as per following conditions:															
Black standard temperature : 65°C±3°C Chamber Temperature in dry phase : 38±3°C Relative Humidity : 50±10% Irradiance ((300 nm to 400 nm) : 60±2 W/m <sup>2</sup> Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray Test duration : 500 hours															
<small>JOE No. : 2356800842      Page -1 of 3      Control No.:1456503711</small>															
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## TESTING DATABASE

## PRODUCT - MODIK - Aluminium Outdoor Battery Cabinets - Free Standing



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Ingress Protection Test</b> IP Code	<b>IP54</b>	IEC 60529 : Edition 2.2 2013-08	TÜV Rheinland	Test report number IN24RECJ 001	36
		<u>Protection against access to hazardous parts</u> Test wire : Rigid 1mm diameter wire Force : 1N ± 10%.			
		<u>Protection against solid foreign objects</u> Dust Volume : 2kg/m3 Duration : 8 hours			
		<u>Protection against water</u> Water jet flow rate : 0.07 l/min/nozzle Distance : 2.5 to 3 metres Duration : 10 minutes			
<b>Impact Resistance Test</b> IK Code	<b>IK07</b>	IEC 62262	TÜV Rheinland	Test report number IN24PBIO 001	37
		2 Joule impacts on 5 positions per face Drop height: 400mm Number of impacts: 3 per face Number of faces tested: 5			
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	38
		Black standard temperature : 65°C±3°C Chamber Temperature in dry phase : 38±3°C Relative Humidity : 50±10% Irradiance ((300 nm to 400 nm) : 60±2 W/m² Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray			

## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor Battery Cabinets - Free Standing

Test - IP Protection Test

Rating - IP54



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Prüfbericht - Produkte  
Test Report - Products



Prüfbericht-Nr.:	IN24RECJ 001	Auftrags-Nr.:	146845757	Seite 1 von 8
Test report no.:		Order no.:		Page 1 of 8
Kunden-Referenz-Nr.:	2540776	Auftragsdatum:	2023.10.05	
Client reference no.:		Order date:		
Auftraggeber:	AP Lanka (Pvt) Ltd. Client: 416/5, Leyland Road, Panagoda, Sri Lanka			
Prüfgegenstand:	Aluminium Outdoor Free Standing Enclosure - Bolted Test item:			
Bezeichnung / Typ-Nr.:	MODIK Aluminium Outdoor Free Standing Enclosures Identification / Type no.:			
Auftrags-Inhalt:	Testing and issue of test report Order content:			
Prüfgrundlage:	Refer section "Summary of Testing" Test specification:			
Wareneingangsdatum:	2024.01.03 Date of sample receipt:			
Prüfmuster-Nr.:	A003635944-002 Test sample no.:			
Prüfzeitraum:	IP5X 2024.01.08 & IPX4 2024.01.10 Testing period:			
Ort der Prüfung:	Confidential Business Information Place of testing:			
Prüflaboratorium:	Confidential Business Information Testing laboratory:			
Prüfergebnis*:	Refer section "Summary of Testing" Test result*:			
geprüft / tested by:		Kontrolliert / reviewed by:		



2024.02.06	Tynes T M / Engineer	2024.02.06	Basavant Magadum / Manager
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date
Sonstiges / Other:	This test report consists of 8 pages, including this cover page and following attachment. Attachment 1: Photo Document		
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
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## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor Battery Cabinets - Free Standing

Test - Impact Resistance Test

Rating - IK07



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Prüfbericht - Produkte  
Test Report - Products

Prüfbericht-Nr.: Test report no.:	IN24PBIO 001	Auftrags-Nr.: Order no.:	146845757	Seite 1 von 7 Page 1 of 7
Kunden-Referenz-Nr.: Client reference no.:	2540776	Auftragsdatum: Order date:	2023.10.05	
Auftraggeber: Client:	AP Lanka (Pvt) Ltd. 416/5, Leyland Road, Panagoda, Sri Lanka			
Prüfgegenstand: Test item:	Aluminium Outdoor Free Standing Enclosure - Bolted			
Bezeichnung / Typ-Nr.: Identification / Type no.:	MODIK Aluminium Outdoor Free Standing Enclosures			
Auftrags-Inhalt: Order content:	Testing And Issue of Test Report			
Prüfgrundlage: Test specification:	Refer section "Summary of Testing"			
Wareneingangsdatum: Date of sample receipt:	2024.01.03			
Prüfmuster-Nr.: Test sample no.:	A003635944-002			
Prüfzeitraum: Testing period:	2024.01.31			
Ort der Prüfung: Place of testing:	Confidential Business Information			
Prüflaboratorium: Testing laboratory:	Confidential Business Information			
Prüfergebnis*: Test result*:	Refer section "summary of testing"			
geprüft / tested by:		Kontrolliert / reviewed by:		
2024.02.06	Tynes T M / Engineer	2024.02.06	Basavant M Magadum / Manager	
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
Sonstiges / Other:	This test report consists of 7 pages, including this cover page and following attachment. Attachment 1: Photo Document			
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## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor Battery Cabinets - Free Standing

Test - UV Radiation Resistance Test

Rating - 500 hours



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	<b>TEST REPORT</b> <b>Report No. : PN:EE:1456003160</b>  <b>ISSUE DATE : 22/01/2024</b>																		
<b>AP LANKA (PVT) LTD</b> 416/5, LEYLAND ROAD Homagama-10200 LK <b>CONTACT PERSON : HARSHA DULIP</b>																			
<b>THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :</b> <b>SAMPLE DESCRIPTION</b> EXTERIOR POWDER COATED EG PLATES <b>COLOUR</b> RAL 7035 <b>OEM</b> OTHER <b>COUNTRY OF ORIGIN</b> SRI LANKA <b>DATE OF REGISTRATION</b> 10/10/2023 <b>TESTING PERIOD :</b> 20/12/2023-14/01/2024 <b>TEST(S) REQUESTED</b> LIGHT RESISTANCE (UV RESISTANCE) TEST																			
<b><u>LIGHT RESISTANCE (UV RESISTANCE) TEST</u></b>																			
<b>Test Method</b> : ISO 4892-2:2013/Amd.1:2021 (Method A – Cycle 1)																			
<b>Test Instrumentation</b> :																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">Instrument Name</th> <th style="text-align: center; padding: 5px;">Instrument Make</th> <th style="text-align: center; padding: 5px;">Date of calibration</th> <th style="text-align: center; padding: 5px;">Calibration due date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">Weatherometer</td> <td style="text-align: center; padding: 5px;">ATLAS</td> <td style="text-align: center; padding: 5px;">12/12/2023</td> <td style="text-align: center; padding: 5px;">12/06/2024</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Spectrophotometer</td> <td style="text-align: center; padding: 5px;">BYK</td> <td style="text-align: center; padding: 5px;">11/08/2023</td> <td style="text-align: center; padding: 5px;">11/08/2024</td> </tr> </tbody> </table>		Instrument Name	Instrument Make	Date of calibration	Calibration due date	Weatherometer	ATLAS	12/12/2023	12/06/2024	Spectrophotometer	BYK	11/08/2023	11/08/2024						
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Spectrophotometer	BYK	11/08/2023	11/08/2024																
<b>Test condition</b> : Conducted weathering test as per following conditions: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;">Black standard temperature</td> <td style="width: 10%; text-align: center; padding: 5px;">:</td> <td style="width: 60%; text-align: center; padding: 5px;">65°C±3°C</td> </tr> <tr> <td>Chamber Temperature in dry phase</td> <td>:</td> <td>38±3°C</td> </tr> <tr> <td>Relative Humidity</td> <td>:</td> <td>50±10%</td> </tr> <tr> <td>Irradiance ((300 nm to 400 nm)</td> <td>:</td> <td>60±2 W/m<sup>2</sup></td> </tr> <tr> <td>Dry / Rain ratio per cycle</td> <td>:</td> <td>102 minutes dry / 18 minutes water spray</td> </tr> <tr> <td>Test duration</td> <td>:</td> <td>500 hours</td> </tr> </table>		Black standard temperature	:	65°C±3°C	Chamber Temperature in dry phase	:	38±3°C	Relative Humidity	:	50±10%	Irradiance ((300 nm to 400 nm)	:	60±2 W/m <sup>2</sup>	Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray	Test duration	:	500 hours
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## TESTING DATABASE

## PRODUCT - MODIK - Aluminium Outdoor 19" Racks - Free Standing



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>Ingress Protection Test</b> IP Code	<b>IP54</b>	IEC 60529 : Edition 2.2 2013-08	TÜV Rheinland	Test report number IN24RECJ 001	40
		<u>Protection against access to hazardous parts</u> Test wire : Rigid 1mm diameter wire Force : 1N ± 10%.			
		<u>Protection against solid foreign objects</u> Dust Volume : 2kg/m3 Duration : 8 hours			
		<u>Protection against water</u> Water jet flow rate : 0.07 l/min/nozzle Distance : 2.5 to 3 metres Duration : 10 minutes			
<b>Impact Resistance Test</b> IK Code	<b>IK07</b>	IEC 62262	TÜV Rheinland	Test report number IN24PBIO 001	41
		2 Joule impacts on 5 positions per face Drop height: 400mm Number of impacts: 3 per face Number of faces tested: 5			
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	42
		Black standard temperature : 65°C±3°C Chamber Temperature in dry phase : 38±3°C Relative Humidity : 50±10% Irradiance ((300 nm to 400 nm) : 60±2 W/m² Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray			

## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor 19" Racks - Free Standing

Test - IP Protection Test

Rating - IP54



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Prüfbericht - Produkte  
Test Report - Products



Prüfbericht-Nr.:	IN24RECJ 001	Auftrags-Nr.:	146845757	Seite 1 von 8
Test report no.:		Order no.:		Page 1 of 8
Kunden-Referenz-Nr.:	2540776	Auftragsdatum:	2023.10.05	
Client reference no.:		Order date:		
Auftraggeber:	AP Lanka (Pvt) Ltd. Client: 416/5, Leyland Road, Panagoda, Sri Lanka			
Prüfgegenstand:	Aluminium Outdoor Free Standing Enclosure - Bolted Test item:			
Bezeichnung / Typ-Nr.:	MODIK Aluminium Outdoor Free Standing Enclosures Identification / Type no.:			
Auftrags-Inhalt:	Testing and issue of test report Order content:			
Prüfgrundlage:	Refer section "Summary of Testing" Test specification:			
Wareneingangsdatum:	2024.01.03 Date of sample receipt:			
Prüfmuster-Nr.:	A003635944-002 Test sample no.:			
Prüfzeitraum:	IP5X 2024.01.08 & IPX4 2024.01.10 Testing period:			
Ort der Prüfung:	Confidential Business Information Place of testing:			
Prüflaboratorium:	Confidential Business Information Testing laboratory:			
Prüfergebnis*:	Refer section "Summary of Testing" Test result*:			
geprüft / tested by:		Kontrolliert / reviewed by:		



2024.02.06	Tynes T M / Engineer	2024.02.06	Basavant Magadum / Manager
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date
Sonstiges / Other:	This test report consists of 8 pages, including this cover page and following attachment. Attachment 1: Photo Document		
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
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<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b></p> <p><i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>			

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## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor 19" Racks - Free Standing

Test - Impact Resistance Test

Rating - IK07



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Prüfbericht - Produkte  
Test Report - Products

Prüfbericht-Nr.: Test report no.:	IN24PBIO 001	Auftrags-Nr.: Order no.:	146845757	Seite 1 von 7 Page 1 of 7
Kunden-Referenz-Nr.: Client reference no.:	2540776	Auftragsdatum: Order date:	2023.10.05	
Auftraggeber: Client:	AP Lanka (Pvt) Ltd. 416/5, Leyland Road, Panagoda, Sri Lanka			
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Wareneingangsdatum: Date of sample receipt:	2024.01.03			
Prüfmuster-Nr.: Test sample no.:	A003635944-002			
Prüfzeitraum: Testing period:	2024.01.31			
Ort der Prüfung: Place of testing:	Confidential Business Information			
Prüflaboratorium: Testing laboratory:	Confidential Business Information			
Prüfergebnis*: Test result*:	Refer section "summary of testing"			
geprüft / tested by:		Kontrolliert / reviewed by:		
2024.02.06	Tynes T M / Engineer	2024.02.06	Basavant M Magadum / Manager	
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
Sonstiges / Other:	This test report consists of 7 pages, including this cover page and following attachment. Attachment 1: Photo Document			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende: P(pass) = entspricht o.g. Prüfgrundlage(n) F(all) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(pass) = passed a.m. test specification(s) F(all) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

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## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor 19" Racks - Free Standing

Test - UV Radiation Resistance Test

Rating - 500 hours



Scan the QR code to get test certificate

	<b>TEST REPORT</b> <b>Report No. : PN:EE:1456003160</b> <b>ISSUE DATE : 22/01/2024</b>																		
<b>AP LANKA (PVT) LTD</b> 416/5, LEYLAND ROAD Homagama-10200 LK <b>CONTACT PERSON : HARSHA DULIP</b>																			
<b>THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :</b> <b>SAMPLE DESCRIPTION</b> EXTERIOR POWDER COATED EG PLATES <b>COLOUR</b> RAL 7035 <b>OEM</b> OTHER <b>COUNTRY OF ORIGIN</b> SRI LANKA <b>DATE OF REGISTRATION</b> 10/10/2023 <b>TESTING PERIOD :</b> 20/12/2023-14/01/2024 <b>TEST(S) REQUESTED</b> LIGHT RESISTANCE (UV RESISTANCE) TEST																			
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<b>Test Instrumentation</b> :																			
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JOE No. : 2356800842 <span style="float: right;">Control No.:1456503711</span> This document is issued by the Company subject to its General Conditions of Service printend overleaf, available on request or accessible at <a href="http://www.sgsgroup.in/Service-Terms">http://www.sgsgroup.in/Service-Terms</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents a <a href="http://www.sgs.com/terms_e-document.htm">www.sgs.com/terms_e-document.htm</a> . Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law. <i>The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer.</i> Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days. from the date of issue of report .The samples from the regulatory bodies are to be retained as specified. This document cannot be reproduced, except in full, without prior written approval of the company.																			
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## TESTING DATABASE

## PRODUCT - MODIK - Aluminium Outdoor 19" Racks - Wall Mounting



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
<b>UV Radiation Resistance Test</b>	<b>500 hours constant exposure</b>	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	44

Black standard temperature : 65°C±3°C  
 Chamber Temperature in dry phase : 38±3°C  
 Relative Humidity : 50±10%  
 Irradiance ((300 nm to 400 nm) : 60±2 W/m<sup>2</sup>  
 Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray

## CERTIFICATES

## PRODUCT - MODIK - Aluminium Outdoor 19" Racks - Wall Mounting

Test - UV Radiation Resistance Test

Rating - 500 hours



Scan the QR code to get test certificate

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## COMPLIANCE CERTIFICATES

Products	Certification	Validity	Standards	Organization	Certification / Report Reference	Page
All Products	<b>ISO 9001</b>	13.03.2023 - 12.03.2026	ISO 9001:2015	DNV	Certificate number C589563	46
Modular Panels Wall Mounting Box Enclosures Distribution Boards Outdoor Enclosures Battery Cabinets Aluminium Enclosures ENIK - Energywall	<b>CE</b>	04.10.2023 - 03.10.2026	2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive	UK Cert	Certificate number CE-4444	47
Modular Panels Wall Mounting Box Enclosures Distribution Boards Outdoor Enclosures Battery Cabinets Aluminium Enclosures ENIK - Energywall	<b>RoHS</b>	04.10.2023 - 03.10.2026	2011/65/EU RoHS Directive 2015/863/EU Amendment	UK Cert	Certificate number UQ-2023100412	48
Modular Panels Wall Mounting Box Enclosures Distribution Boards Outdoor Enclosures Battery Cabinets Aluminium Enclosures ENIK - Energywall	<b>IEC / AS NZS</b>	04.10.2023 - 03.10.2026	IEC 61439 AS NZS 61439	UK Cert	Certificate number UQ-2023100413	49

## COMPLIANCE CERTIFICATES

## ISO 9001



Scan the QR code to get test certificate



## MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:  
C589563

Initial certification date:  
13 March 2023

Valid:  
13 March 2023 – 12 March 2026

This is to certify that the management system of  
**AP Lanka (Pvt) Ltd**  
No.416/5, Leyland Road, Panagoda, Homagama, 10200, Sri Lanka

has been found to conform to the Quality Management System standard:  
**ISO 9001:2015**

This certificate is valid for the following scope:  
**Manufacturing of industrial enclosures**

Place and date:  
Chennai, 13 March 2023

For the issuing office:  
DNV - Business Assurance  
ROMA, No. 10, GST Road, Alandur, Chennai -  
600 016, India



Sivadasan Madiyath  
Management Representative



Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
ACCREDITED UNIT: DNV Business Assurance B.V., Zwolseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. [www.dnv.com/assurance](http://www.dnv.com/assurance)

## COMPLIANCE CERTIFICATES

CE



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## Certificate of Compliance



We hereby declare that the technical file of product complied with the requirement of directives 2014/35/EU Low Voltage Directive & Electromagnetic Compatibility Directive 2014/30/EU.

**Certificate No.: CE-4444**

**Manufacturer**

Name : AP Lanka (Pvt) Ltd. T/A MODIK Enclosures

Address : 416/5, Leyland Road, Panagoda, Sri Lanka

Product : Modular Panels, Wall Mounting Box Enclosures, Distribution Boards, Outdoor Enclosures, Battery Cabinets, Aluminum Enclosures & ENIK Energy wall

**Complies with the requirements applicable to it**

The quality system file has been assessed, approved and is subject to continuous surveillance according to the 2014/35/EU Low Voltage Directive & Electromagnetic Compatibility Directive 2014/30/EU.

**This certificate is issued under the following conditions:**

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are changed.
3. The certificate validity is conditioned by positive results of surveillance audits.

The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production.

**Validity of this certificate can be verified at [www.ukcertifications.org.uk/verify](http://www.ukcertifications.org.uk/verify)**

Date of Certification 04<sup>th</sup> October 2023

1<sup>st</sup> Surveillance Audit Due 03<sup>rd</sup> October 2024

2<sup>nd</sup> Surveillance Audit Due 03<sup>rd</sup> October 2025

Certificate Expiry (subject to the company maintaining its system to the required standard) 03<sup>rd</sup> October 2026

*Daniel..*

Authorised Signatory



Confidential Business Information

## COMPLIANCE CERTIFICATES

RoHS



Scan the QR  
code to get test  
certificate



# Certificate of Compliance

RoHS Directive (2011/65/EU) as Amended (EU) 2015/863 of the European Parliament and of the Council on the restriction of use of certain Hazardous Substances in Electrical and Electronic Equipments.

**Certificate No.: UQ-2023100412**

## Manufacturer

Name : AP Lanka (Pvt) Ltd. T/A MODIK Enclosures

Address : 416/5, Leyland Road, Panagoda, Sri Lanka

**Products** : Modular Panels, Wall Mounting Box Enclosures, Distribution Boards, Outdoor Enclosures, Battery Cabinets, Aluminum Enclosures & ENIK Energy wall

This is to state that the above mentioned product is in compliance with RoHS Directive (2011/65/EU) as Amended (EU) 2015/863 of the European Parliament and Commission Decision 2005/618/EC on the restriction of use of certain Hazardous Substances [Lead (Pb) < 1000 ppm, Mercury (Hg) < 100 ppm, Cadmium (Cd) < 100 ppm, Hexavalent Chromium (Cr VI) < 1000 ppm, Polybrominated Biphenyls (PBB) < 1000 ppm, Polybrominated Diphenyl Ethers (PBDE) < 1000 ppm, Bis (2-Ethylhexyl) phthalate (DEHP) < 1000 ppm, Benzyl butyl phthalate (BBP) < 1000 ppm, Dibutyl phthalate (DBP) < 1000 ppm, Diisobutyl phthalate (DIBP) < 1000 ppm in Electrical and Electronic Equipments.

**Statement:**

**Statement:**  
This certificate declares that the product type / model described above complies with the mentioned above European Standard(s).

### Remarks:

**Remarks:**  
This certificate of complies is based on the evaluation of a sample of the above mentioned products. It does not imply and assessment of the mass-production of the product. This certificate holder may use this certificate in connection with the test report. The certification body should be informed (revision of technical file) for any modification or alterations made to the aforementioned product type(s), including design and manufacture and / or extension to the existing scope of application.

extension to the existing scope of application.  
The certificate is valid for three years if the company applies the technical construction file which has been stored in UKCert office. This certificate includes declaration of manufacturer. Certificate remains property of UKCert (UK Certification and Inspection Ltd.) to whom it must be returned upon request. The certificate validity is conditioned by positive results of surveillance audits.

Validity of this certificate can be verified at [www.ukcertifications.org.uk/verify](http://www.ukcertifications.org.uk/verify)

<b>Date of Certification</b>	04 <sup>th</sup> October 2023
<b>1<sup>st</sup> Surveillance Audit Due</b>	03 <sup>rd</sup> October 2024
<b>2<sup>nd</sup> Surveillance Audit Due</b>	03 <sup>rd</sup> October 2025
<b>Certificate Expiry</b> (subject to the company maintaining its system to the required standard)	03 <sup>rd</sup> October 2026

### Authorised Signatory



**Confidential Business Information**

## COMPLIANCE CERTIFICATES

## IEC / AS NZS



Scan the QR code to get test certificate



## Certificate of Conformity



## Standard Compliance

We hereby declare that the technical file of product confirms with the requirement of **IEC / AS NZS 61439**.

**Certificate No.: UQ-2023100413**

**Manufacturer**

Name : AP Lanka (Pvt) Ltd. T/A MODIK Enclosures

Address : 416/5, Leyland Road, Panagoda, Sri Lanka

Products : Modular Panels, Wall Mounting Box Enclosures, Distribution Boards, Outdoor Enclosures, Battery Cabinets, Aluminum Enclosures & ENIK Energy wall

The Certification body has performed an audit of the above product testing and verified the design system, manufacture and final inspection of the certified product. The product specification has been assessed, approved and is subject to continuous surveillance according to Standard **IEC / AS NZS 61439** requirement.

**This certificate is issued under the following conditions:**

1. Fulfilled are requirement as per implemented of suggested standards
2. The certificate remains valid until the manufacturing conditions are changed.
3. The certificate validity is conditioned by positive results or surveillance audits.
4. After fulfilling the relevant Standard testing performance, the manufacturer shall affix to each device, of the referenced models.

The compliance as shown above can be used, under the responsibility of the manufacturer, after completion of a Declaration of conformity and compliance with all relevant Standard requirements. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production.

**Validity of this certificate can be verified at [www.ukcertifications.org.uk/verify](http://www.ukcertifications.org.uk/verify)**

**Date of Certification** 04<sup>th</sup> October 2023

**1<sup>st</sup> Surveillance Audit Due** 03<sup>rd</sup> October 2024

**2<sup>nd</sup> Surveillance Audit Due** 03<sup>rd</sup> October 2025

**Certificate Expiry** (subject to the company maintaining its system to the required standard) 03<sup>rd</sup> October 2026

Authorised Signatory



**Confidential Business Information**

## NOTES

## NOTES



## MODULAR PANELS & ENCLOSURE SOLUTIONS

### MODIK ENCLOSURES

Suite 400, Plaza 3, 2000 Argentia Rd,  
Mississauga, ON, L5N 1V9,  
Canada.

### Production Plant:

No. 416/5, Leyland Road,  
Panagoda, Homagama,  
Sri Lanka.

[info@modikenclosures.com](mailto:info@modikenclosures.com)

[www.modikenclosures.com](http://www.modikenclosures.com)