



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@modkenclosures.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
Ingress Protection Test IP Code	IP65	IEC 60529 : 1989 Incorporate Amendments No 1 and 2	Eurofins	Test report number M231028006/ M231028006-21, Issue 03	05
	<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 : 6.3mm Water jet flow rate : 12.5 L/min Distance : 2.5 to 3 metres Duration : 3 minutes				
Impact Resistance Test IK Code	IK08	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
certificateFormat No: ES/F/02
Issue No:03, Issue Date:01-11-2022
Rev. No:00, Rev. Date: __-__-__

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

Sample Description :

MODIK Wall Mount Box Enclosure (WXHxD 250X300X150mm)

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

Kind Attention : HARSHA DULIP

E-Mail: sales3@timikenclosures.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



ULR-TC631423000013062F

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

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

Report Issued By

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: __-__-__

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: 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

Sample Description :

MODIK Wall Mount Box Enclosure (WXHxD 250X300X150mm)



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

Amendment Report to Test Report
No:M231028006/M231028006-11 Dated:
06-11-2023

Kind Attention : HARSHA DULIP

E-Mail: sales3@timikenclosures.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



ULR-TC631423000012559F

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Page 1 of 3

TESTING DATABASE

PRODUCT - MODIK - Distribution Boards



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Ingress Protection Test IP Code	IP65	IEC 60529 : 1989 Incorporate Ammendments No 1 and 2	Eurofins	Test report number M231028006/ M231028006-21, Issue 03	08
Impact Resistance Test IK Code	IK08	IEC 62262:2002	Eurofins	Test report number A1M231028006/M231028006-11, Issue 03	09



CERTIFICATES

PRODUCT - MODIK - Distribution Boards

Test - IP Protection Test

Rating - IP65



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code to get test
certificate



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

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

Sample Description :

MODIK Wall Mount Box Enclosure (WXHxD 250X300X150mm)



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

Kind Attention : HARSHA DULIP

E-Mail: sales3@timikenclosures.com

Contact No: +947106005246

Sample Condition : Good

Sample Quantity (Approx) : 1 - Nos

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

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ULR-TC631423000013062F

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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

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: 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

Sample Description :

MODIK Wall Mount Box Enclosure (WXHxD 250X300X150mm)

Customer Reference No :
MAIL DT.19/10/2023Amendment Report to Test Report
No:M231028006/M231028006-11 Dated:
06-11-2023

Kind Attention : HARSHA DULIP

E-Mail: sales3@timikenclosures.com

Contact No: +947106005246

Sample Condition : Good

Sample Quantity (Approx) : 1 - Nos

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

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Page 1 of 3



TESTING DATABASE

PRODUCT - MODIK - Outdoor Enclosures - Wall Mount



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

Test - UV Radiation Resistance Test

Rating - 500 hours

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certificate

SGS

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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray
Test duration	:	500 hours

JOE No. : 2356800842

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Control No.:1456503711

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TESTING DATABASE

PRODUCT - MODIK - Outdoor Enclosures - Free Standing



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Impact Resistance Test IK Code	IK10	IEC 62262	TÜV Rheinland	Test report number IN240B9F 001	13
	20 Joule impacts on 5 positions per face Drop height: 400mm Number of impacts: 3 per face Number of faces tested: 6				
UV Radiation Resistance Test	500 hours constant exposure	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	14
	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 - Outdoor Enclosures - Free Standing

Test - Impact Resistance Test


Rating - IK10



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Prüfbericht - Produkte
Test Report - Products



Prüfbericht-Nr.: Test report no.:	IN24OB9F 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:	Outdoor Electrical Panels, Battery Cabinets, 19" Racks			
Bezeichnung / Typ-Nr.: Identification / Type no.:	MODIK 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.:	A003635944-001			
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 Magadam / 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		
<p>* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet</p> <p>* Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested</p>				
<p>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.</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 - Outdoor Enclosures - Free Standing

Test - UV Radiation Resistance Test

Rating - 500 hours

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certificate

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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
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 - Outdoor Battery Cabinets



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Impact Resistance Test IK Code	IK10	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				
UV Radiation Resistance Test	500 hours constant exposure	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/m² Dry / Rain ratio per cycle : 102 minutes dry / 18 minutes water spray				

CERTIFICATES

PRODUCT - MODIK - Outdoor Battery Cabinets

Test - Impact Resistance Test

Rating - IK10



Scan the QR code to get test certificate

Prüfbericht - Produkte
Test Report - Products



Prüfbericht-Nr.: Test report no.:	IN24OB9F 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:	Outdoor Electrical Panels, Battery Cabinets, 19" Racks			
Bezeichnung / Typ-Nr.: Identification / Type no.:	MODIK 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.:	A003635944-001			
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 Magadam / 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		
<p>* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet</p> <p>* Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested</p>				
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CERTIFICATES

PRODUCT - MODIK - Outdoor Battery Cabinets

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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray
Test duration	:	500 hours

JOE No. : 2356800842

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TESTING DATABASE

PRODUCT - MODIK - Aluminium Wall Mounting Box Enclosures



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Ingress Protection Test IP Code	IP66	IEC 60529 : 2013 Incorporate Ammendments 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/m3 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				
UV Radiation Resistance Test	500 hours constant exposure	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/m² 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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JOE No. : 2356800793

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Control No.:1456503393

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CERTIFICATES

PRODUCT - MODIK - Aluminium Wall Mounting Box Enclosures

Test - UV Radiation Resistance Test

Rating - 500 hours



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certificate



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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
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



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Ingress Protection Test IP Code	IP66	IEC 60529 : 2013 Incorporate Ammendments No 1 and 2	SGS	Test report number PN:EE:1456002974	22
	<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 : 12.5 mm Water jet flow rate : 100 L/min Distance : 2.5 to 3 metres Duration : 3 minutes				
UV Radiation Resistance Test	500 hours constant exposure	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	23
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 Distribution Boards

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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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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray
Test duration	:	500 hours

JOE No. : 2356800842

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TESTING DATABASE

PRODUCT - MODIK - Aluminium Distribution Boards - PAN Busbars



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Ingress Protection Test IP Code	IP66	IEC 60529 : 2013 Incorporate Ammendments 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 ± 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				
UV Radiation Resistance Test	500 hours constant exposure	ISO 4892 :2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	26
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 Distribution Boards - PAN Busbars

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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6.5 Test photographs :	9
6.6 Instruments details :	12

JOE No. : 2356800793

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CERTIFICATES

PRODUCT - MODIK - Aluminium Distribution Boards - PAN Busbars

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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray
Test duration	:	500 hours

JOE No. : 2356800842

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TESTING DATABASE

PRODUCT - MODIK - Aluminium Terminal Boxes



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Ingress Protection Test IP Code	IP55	IEC 60529 : 1989 Incorporate Amendments No 1 and 2	Eurofins	Test report number M231215027/ M231215027-31 Issue No: 03	28
Impact Resistance Test IK Code	IK07	IEC 62262	Eurofins	Test report number A1M231215027/ M231215027-11, Issue No: 03	29
UV Radiation Resistance Test	500 hours constant exposure	ISO 4892 : 2013 Method A Cycle 1	SGS	Test report number PN:EE:1456003160	30



CERTIFICATES

PRODUCT - MODIK - Aluminium Terminal Boxes

Test - IP Protection Test

Rating - IP55



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

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

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Page 1 of 5

CERTIFICATES

PRODUCT - MODIK - Aluminium Terminal Boxes

Test - Impact Resistance Test

Rating - IK07

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Spectra

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

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: 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

Sample Description :

MODIK ALUMINIUM TERMINAL BOX (200X200X120MM)

Customer Reference No :
MAIL DT.13/12/2023, CI-TEST-IN-SSA-002Amendment Report to Test Report
No:M231215027/M231215027-11 Dated:
26-12-2023

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-TC63142400000421F

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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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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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray
Test duration	:	500 hours

JOE No. : 2356800842

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Control No.:1456503711

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TESTING DATABASE

PRODUCT - MODIK - Aluminium Outdoor Enclosures - Free Standing



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Ingress Protection Test IP Code	IP54	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				
Impact Resistance Test IK Code	IK07	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				
UV Radiation Resistance Test	500 hours constant exposure	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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Test Report - Products

Prüfbericht-Nr.: Test report no.:	IN24RECJ 001	Auftrags-Nr.: Order no.:	146845757	Seite 1 von 8 Page 1 of 8	
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:	IP5X 2024.01.08 & IPX4 2024.01.10				
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 Magadam / Manager			
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position	Unterschrift Signature
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			
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) * Legend: P(ass) = passed a.m. test specification(s)		F(ail) = entspricht nicht o.g. Prüfgrundlage(n) F(ail) = failed a.m. test specification(s)			N/A = nicht anwendbar N/A = not applicable
N/T = nicht getestet N/T = not tested					
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CERTIFICATES

PRODUCT - MODIK - Aluminium Outdoor Enclosures - Free Standing

Test - Impact Resistance Test

Rating - IK07

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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 Magadam / Manager		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position	Unterschrift Signature
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CERTIFICATES

PRODUCT - MODIK - Aluminium Outdoor Enclosures - Free Standing

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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
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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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 Battery Cabinets - Free Standing



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Ingress Protection Test IP Code	IP54	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				
Impact Resistance Test IK Code	IK07	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				
UV Radiation Resistance Test	500 hours constant exposure	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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Test Report - Products

Prüfbericht-Nr.: Test report no.:	IN24RECJ 001	Auftrags-Nr.: Order no.:	146845757	Seite 1 von 8 Page 1 of 8	
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:	IP5X 2024.01.08 & IPX4 2024.01.10				
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 Magadam / Manager		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position	Unterschrift Signature
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			
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) * Legend: P(ass) = passed a.m. test specification(s)		F(ail) = entspricht nicht o.g. Prüfgrundlage(n) F(ail) = failed a.m. test specification(s)			N/A = nicht anwendbar N/A = not applicable
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CERTIFICATES

PRODUCT - MODIK - Aluminium Outdoor Battery Cabinets - Free Standing

Test - Impact Resistance Test

Rating - IK07

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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 Magadam / Manager		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position	Unterschrift Signature
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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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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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
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 Outdoor 19" Racks - Free Standing



Test	Tested Ratings	Standard	Testing Laboratory / Accreditation	Certification / Report Reference	Page
Ingress Protection Test IP Code	IP54	IEC 60529 : Edition 2.2 2013-08	TÜV Rheinland	Test report number IN24RECJ 001	40
	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 Water jet Flow rate : 0.07 l/min/nozzle Distance : 2.5 to 3 metres Duration : 10 minutes				
Impact Resistance Test IK Code	IK07	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				
UV Radiation Resistance Test	500 hours constant exposure	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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Test Report - Products

Prüfbericht-Nr.: Test report no.:	IN24RECJ 001	Auftrags-Nr.: Order no.:	146845757	Seite 1 von 8 Page 1 of 8	
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:	IP5X 2024.01.08 & IPX4 2024.01.10				
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 Magadam / Manager		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position	Unterschrift Signature
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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			
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 Magadam / Manager	
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
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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 19" Racks - Free Standing

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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray
Test duration	:	500 hours

JOE No. : 2356800842

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Control No.:1456503711

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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
UV Radiation Resistance Test	500 hours constant exposure	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/m² 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



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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

TESTING PERIOD : 20/12/2023-14/01/2024

TEST(S) REQUESTED LIGHT RESISTANCE (UV RESISTANCE) TEST

LIGHT RESISTANCE (UV RESISTANCE) TEST

Test 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 ²
Dry / Rain ratio per cycle	:	102 minutes dry / 18 minutes water spray
Test duration	:	500 hours

JOE No. : 2356800842

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COMPLIANCE CERTIFICATES

Products	Certification	Validity	Standards	Organization	Certification / Report Reference	Page
All Products	ISO 9001	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	CE	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	RoHS	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	IEC / AS NZS	04.10.2023 - 03.10.2026	IEC 61439 AS NZS 61439	UK Cert	Certificate number UQ-2023100413	49



COMPLIANCE CERTIFICATES

ISO 9001



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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

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 or 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

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

Daniel..

Authorised Signatory



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COMPLIANCE CERTIFICATES

RoHS



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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:

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

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.

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 or surveillance audits.

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

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

Daniel..

Authorised Signatory



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COMPLIANCE CERTIFICATES

IEC / AS NZS

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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

Date of Certification 04th October 2023

1st Surveillance Audit Due 03rd October 2024

2nd Surveillance Audit Due 03rd October 2025

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

Daniel..



Authorised Signatory

Confidential Business Information





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,
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