

alfanar MODULAR ENCLOSURES





PARTNERSHIP

SAFETY

DURABILITY

Modular Enclosures

APPLICATIONS

alfanar Modular Enclosures are standard products suitable for mounting various types of din rail mounted LV components. They are used for a safe and reliable distribution and control of power.



- Available up to 6 rows
- Door earthing provided to ensure earth continuity.
- Adjustable painted mounting assembly made of electro-galvanized Steel
- Fine texture polyester powder coated in RAL 7035 light grey colour & RAL 9010 white.
- Each row is capable of holding up to 24 din rail modules.

Modular Enclosures

SPECIFICATIONS:

- Made of high quality electro-galvanized steel sheet of thickness up to 1.2mm
- Fine texture polyester powder coated in RAL 7035 light grey color & RAL 9010 White
- Complies with IEC 60529 standards
- Degree of protection IP41

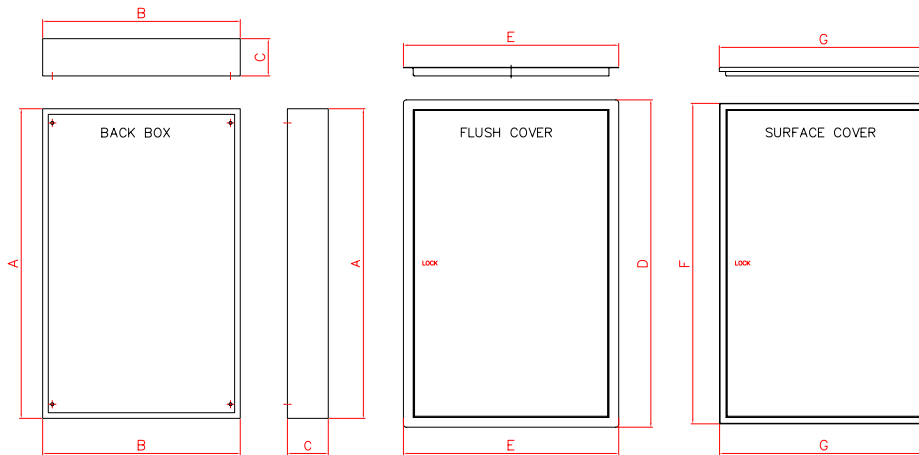


FEATURES:

- Press-formed Dead Front Cover (DFC) and door for better strength and aesthetic look*
- Hemming on box edges for additional mechanical strength.
- Circuit numbers are embossed on the DFC**
- Knockouts on both top and bottom sides of the enclosure
- Adjustable painted rail mounting assembly made of electro-galvanized steel
- Spacious enclosures facilitating ease of wiring and efficient heat dissipation
- Easily removable hinges, ideal for changing the door-opening direction
- Available in Flush and Surface mounting types
- Available up to 6 rows and each row can have up to 24 modules***
- Customized powder coating colors and textures upon request
- C-bend on hinge door for additional stiffness and strength****

*	Available for 1-3 Rows 16 Modules
**	Available for 1-4 Rows 16 Modules
***	Refer to Order Reference Tables
****	Available for 4-6 Rows 16 Modules

Product Range



Modular Enclosure 12 Modules



MODULAR ENCLOSURE 12 MODULES WITH SLIDE LOCK

No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
1	45-112MS00F	45-112MS00S	300	365	115	325	390	305	370
2	45-212MS00F	45-212MS00S	450	365	115	475	390	455	370
3	45-312MS00F	45-312MS00S	600	365	115	625	390	605	370
4	45-412MS00F	45-412MS00S	750	365	115	775	390	755	370
5	45-512MS00F	45-512MS00S	900	365	115	925	390	905	370
6	45-612MS00F	45-612MS00S	1050	365	115	1075	390	1055	370

Product Range **Modular Enclosure 12 Modules**

MODULAR ENCLOSURE 12 MODULES WITH KEY LOCK

No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
1	45-112MK00F	45-112MK00S	300	365	115	325	390	305	370
2	45-212MK00F	45-212MK00S	450	365	115	475	390	455	370
3	45-312MK00F	45-312MK00S	600	365	115	625	390	605	370
4	45-412MK00F	45-412MK00S	750	365	115	775	390	755	370
5	45-512MK00F	45-512MK00S	900	365	115	925	390	905	370
6	45-612MK00F	45-612MK00S	1050	365	115	1075	390	1055	370

MODULAR ENCLOSURE 12 MODULES WITH SLIDE LOCK, EARTH & NEUTRAL

No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
1	45-112MSNEF	45-112MSNES	300	365	115	325	390	305	370
2	45-212MSNEF	45-212MSNES	450	365	115	475	390	455	370
3	45-312MSNEF	45-312MSNES	600	365	115	625	390	605	370
4	45-412MSNEF	45-412MSNES	750	365	115	775	390	755	370
5	45-512MSNEF	45-512MSNES	900	365	115	925	390	905	370
6	45-612MSNEF	45-612MSNES	1050	365	115	1075	390	1055	370

MODULAR ENCLOSURE 12 MODULES WITH TRANSPARENT DOOR, KEYLOCK, EARTH & NEUTRAL

No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
1	45-112TKNEF	45-112TKNES	300	365	115	325	390	305	370
2	45-212TKNEF	45-212TKNES	450	365	115	475	390	455	370
3	45-312TKNEF	45-312TKNES	600	365	115	625	390	605	370
4	45-412TKNEF	45-412TKNES	750	365	115	775	390	755	370
5	45-512TKNEF	45-512TKNES	900	365	115	925	390	905	370
6	45-612TKNEF	45-612TKNES	1050	365	115	1075	390	1055	370

Product Range

Modular Enclosure 16 Modules



MODULAR ENCLOSURE 16 MODULES WITH SLIDE LOCK

No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
1	45-116MS00F	45-116MS00S	300	440	115	325	465	305	445
2	45-216MS00F	45-216MS00S	450	440	115	475	465	455	445
3	45-316MS00F	45-316MS00S	600	440	115	625	465	605	445
4	45-416MS00F	45-416MS00S	750	440	115	775	465	755	445
5	45-516MS00F	45-516MS00S	900	440	115	925	465	905	445
6	45-616MS00F	45-616MS00S	1050	440	115	1075	465	1055	445

Product Range Modular Enclosure 16 Modules

MODULAR ENCLOSURE 16 MODULES WITH KEY LOCK

No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
1	45-116MK00F	45-116MK00S	300	440	115	325	465	305	445
2	45-216MK00F	45-216MK00S	450	440	115	475	465	455	445
3	45-316MK00F	45-316MK00S	600	440	115	625	465	605	445
4	45-416MK00F	45-416MK00S	750	440	115	775	465	755	445
5	45-516MK00F	45-516MK00S	900	440	115	925	465	905	445
6	45-616MK00F	45-616MK00S	1050	440	115	1075	465	1055	445

MODULAR ENCLOSURE 16 MODULES WITH SLIDE LOCK, EARTH & NEUTRAL

No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
1	45-116MSNEF	45-116MSNES	300	440	115	325	465	305	445
2	45-216MSNEF	45-216MSNES	450	440	115	475	465	455	445
3	45-316MSNEF	45-316MSNES	600	440	115	625	465	605	445
4	45-416MSNEF	45-416MSNES	750	440	115	775	465	755	445
5	45-516MSNEF	45-516MSNES	900	440	115	925	465	905	445
6	45-616MSNEF	45-616MSNES	1050	440	115	1075	465	1055	445

MODULAR ENCLOSURE 16 MODULES WITH TRANSPARENT DOOR, KEYLOCK, EARTH & NEUTRAL

No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
1	45-116TKNEF	45-116TKNES	300	440	115	325	465	305	445
2	45-216TKNEF	45-216TKNES	450	440	115	475	465	455	445
3	45-316TKNEF	45-316TKNES	600	440	115	625	465	605	445
4	45-416TKNEF	45-416TKNES	750	440	115	775	465	755	445
5	45-516TKNEF	45-516TKNES	900	440	115	925	465	905	445
6	45-616TKNEF	45-616TKNES	1050	440	115	1075	465	1055	445

Product Range

Modular Enclosure 24 Modules



MODULAR ENCLOSURE 24 MODULES WITH SLIDE LOCK									
No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
4	45-424MS00F	45-424MS00S	750	584	115	775	609	755	589
5	45-524MS00F	45-524MS00S	900	584	115	925	609	905	589
6	45-624MS00F	45-624MS00S	1050	584	115	1075	609	1055	589

Product Range Modular Enclosure 24 Modules

MODULAR ENCLOSURE 24 MODULES WITH KEY LOCK

No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
4	45-424MK00F	45-424MK00S	750	584	115	775	609	755	589
5	45-524MK00F	45-524MK00S	900	584	115	925	609	905	589
6	45-624MK00F	45-624MK00S	1050	584	115	1075	609	1055	589

MODULAR ENCLOSURE 24 MODULES WITH SLIDE LOCK, EARTH & NEUTRAL

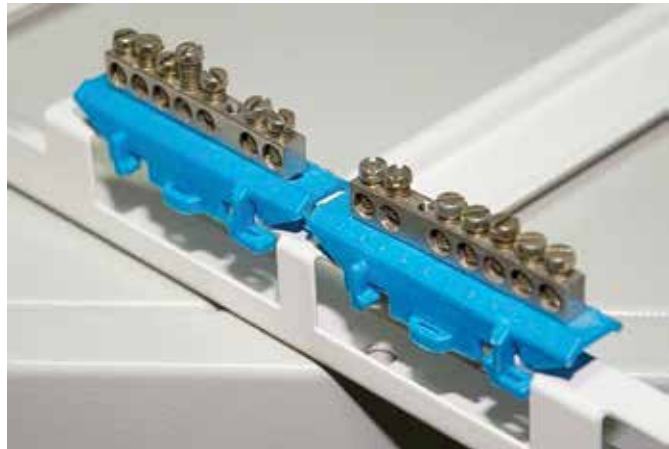
No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
4	45-424MSNEF	45-424MSNES	750	584	115	775	609	755	589
5	45-524MSNEF	45-524MSNES	900	584	115	925	609	905	589
6	45-624MSNEF	45-624MSNES	1050	584	115	1075	609	1055	589

Technical Data

OPTIONS

- Door with transparent window
- Door with cam type key-lock
- Customized enclosure depth
- Enclosures in other colors
- Extruded earth terminals
- Snap fit style neutral terminals

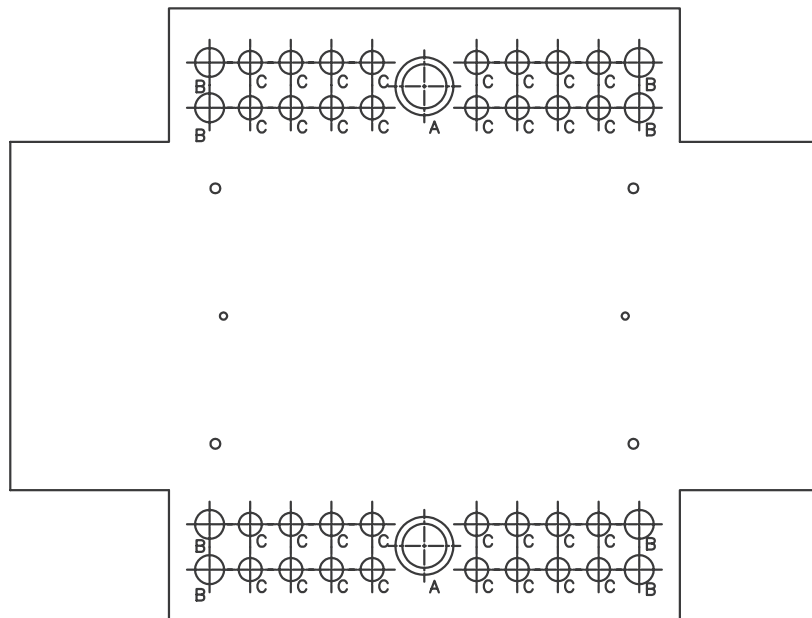
Above options are available upon request.



GLAND BOX:

Item code	Dimension
45-GB16ME	16 Module 440(w)X200(h)X115(d)
45-GB24ME	24 Module 584(w)X200(h)X115(d)

(Knockout layout)



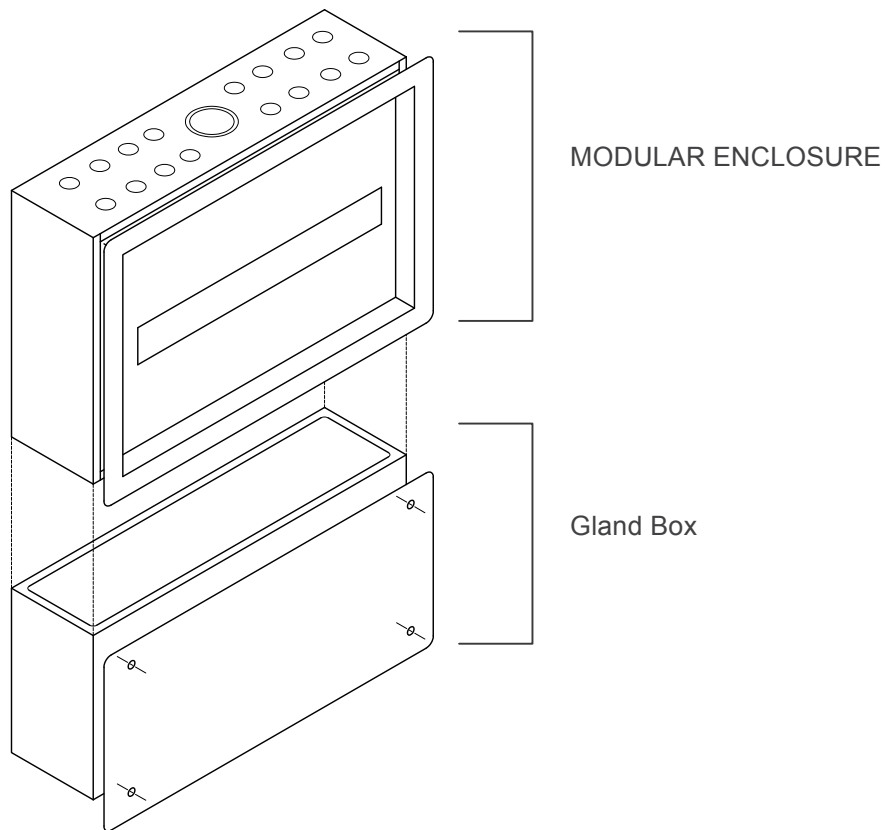
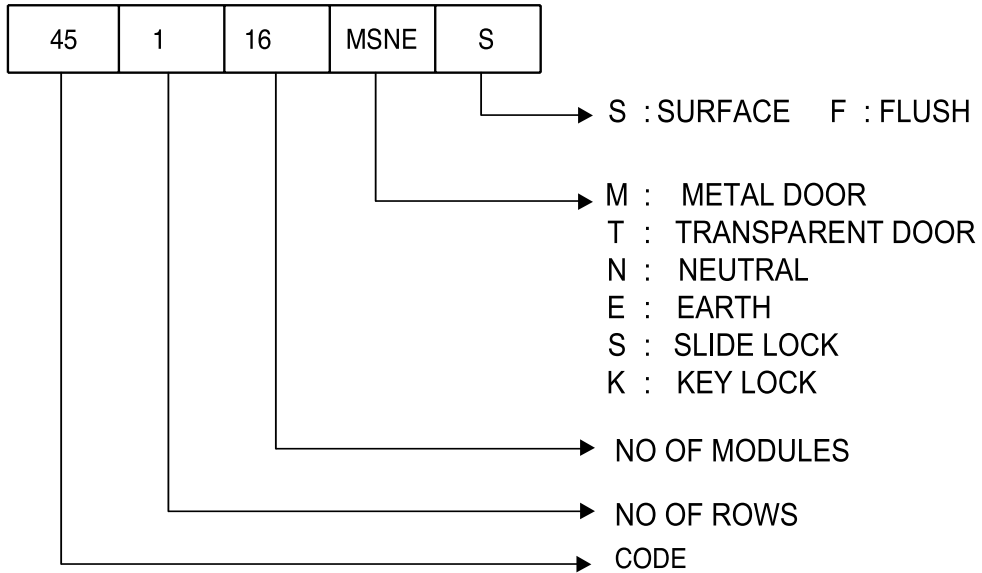
KNOCKOUT DETAILS:
 A - $\varnothing 38/\varnothing 50$ DOUBLE KNOCKOUT - 2NO
 B - $\varnothing 25$ KNOCKOUT - 8NOS.
 C - $\varnothing 20$ KNOCKOUT - 32NOS.

* Typical knockout details of 16 module (Details for other varieties will be provided upon request)

Coding

CODING KEY

CODE DETAIL FOR MODULAR ENCLOSURE



Certifications



CERTIFICATE OF APPROVAL

This is to certify that the Management System of:

Alfanar Electrical Systems LLC
Plot number 598-1037, Dubai Investment Park-1
Dubai
United Arab Emirates

has been approved by Lloyd's Register Quality Assurance to the following Quality, Environmental and Safety Management System Standards:

ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007

The scope of this approval is applicable to:

**Design and Manufacturing of Metal Enclosures and
LV Switchgear.**
Provision and Management of Labour Accommodation.

alfanar PRODUCTS ARE APPROVED BY:

- SEC - Saudi Electric Company
- SAUDI ARAMCO - Saudi Arabian Oil Company
- SABIC - Saudi Basic Industries Corporation
- SASO - Saudi Arabian Standards Organization
- Several Ministries, Universities and Governmental Organizations In Saudi Arabia
- Abu Dhabi Water and Electricity Authority (ADWEA) - UAE
- Abu Dhabi Distribution Co. (ADDC) - UAE
- Al Ain Distribution Co. (AADC) - UAE
- Sharjah Electricity & Water Authority (SEWA) - UAE
- Ministry of Public Works (MOPW) - UAE
- Ministry of Electricity, Bahrain
- State Electricity Board Of Qatar
- Public Electricity Corporation, Ministry Of Electricity, Yemen
- Dubai Water & Electricity Authority (DEWA) - UAE
- Federal Electricity & Water Authority (FEWA) - UAE

OUR OBJECTIVE:

We reach exacting standards in the safety and distribution of power and go well beyond a customer's expectations. This is done by focusing our technology and expertise on the ultimate reward we can get. Complete satisfaction of our customers.

alfanar PRODUCTS

- Wiring Accessories
- Wires and Cables
- Switches and Socket Boxes
- Junction Boxes
- Metal Enclosures IP65
- Stainless Steel Enclosures NEMA-4X
- Telephone Enclosures
- Circuit Breaker Enclosures – NEMA 1 & NEMA 3R
- Busbar chambers
- Modular Enclosures
- Raysan Load Centers
- NEMA Type LA Load Centers
- IEC Type LD Load Centers
- Split Busbar Unit Type LAS/LDS Load Centers
- MCCB Distribution Boards
- Pump Control Panels
- Motor Control Centers
- LV Switchboards up to 6300A, Tested for 100KA, 1 Sec Short Circuit Withstand
- AC/DC Panels up to 5000A, Tested for 85kA, 1 Sec Short Circuit Withstand
- Pole Mounted Metering Structures
- Package Substations
- Oil-Immersed Distribution Transformers
- Extendable and Non-Extendable Ring Main Units
- Control and Automation Panels
- Relay and Control Panels
- Medium Voltage Switchgears



QHSE POLICY

alfanar Electrical Systems L.L.C., recognizes its corporate and social responsibility and commits to provide high Quality Products & Service , Safe and Healthy Environment to all the employees and interested parties.

Our policy governs the following commitments:

- Achieve customer satisfaction by providing products conforming to governing standards and consistent quality.
- Comply with Health, Safety and Environment (HSE) Legislation as well as statutory, regulatory and other requirements.
- Identify and assess all HSE hazards or aspects involved in our operations and products and define effective control measures to mitigate HSE Risks.
- Redefine and execute new processes/ systems to meet market/business requirement.
- Prevent occurrence of injury, ill-health and environmental pollution.
- Control and optimize wastage and conserve resources.
- Develop and maintain a motivated team of competent employees and vendors and create awareness and sense of responsibility towards QHSE among them.
- Communicate QHSE requirements effectively throughout the organization and interested parties.
- Continually improve QHSE management systems performance by structured audits, management reviews, monitoring & measurements.

Guiding principle to achieve these objectives are based on ISO:9001:2008, ISO:14001:2004, OHSAS 18001:2007, Legal and other requirements.

Management extends its full support to this program and ensures that all the employees are guided by the systems and procedures laid down in the QHSE Manual.

Free Maintenance Service at Home for alfanar Products

Switches, Sockets, Distribution Boards, & Circuit Breakers



Our customer satisfaction rate was 94.4% on services delivered by our Technical Support team.

Customer Service
800-124-1333

Scan the QR code
to learn more about our
free maintenance service



Notes

A series of horizontal dotted lines for writing notes, spanning the width of the page.



Scan the QR to download the catalogue

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alfanar METAL ENCLOSURES

UP TO IP66



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Introduction

alfanar Metals is a market leader in the highly specialized area of professional enclosures and cabinets for industrial applications. Projects range from residential/commercial to mega utility, to design/build/commission projects.

Working in difficult environments without the right protection will deteriorate your electrical installation. alfanar metal enclosures are rated for high ingress protection against entry of dust, dirt, oil and water making them well suited for wet environments.

Industries Served

alfanar Metal Enclosures are designed to accommodate various types of switchgear and controlgear assemblies to suit a variety of electrical installations in commercial and industrial premises.



Wind



Solar



Water



Electrical



Oil & Gas



Transportation



Utility



Construction



Education



Residential



Hospitals



Manufacturing

Assembly and Production

Our enclosures are manufactured with a quick turnaround time for your orders. Our factory is equipped and capable of handling both small custom orders and large orders for mega projects.

Professional Engineering Support

We have the experience, and our staff has the vast knowledge to design and execute your order and provide you with advice on design and construction.



Applications

From small boxes to large suitable floor-standing enclosures, with the special range you can find the perfect fit for your specific needs to better suit the installation environment.

alfanar enclosures are primed, painted, and powder coated for strength, providing corrosion and humidity protection to prevent rusting caused by moisture. The tight seal of the enclosure prevents dust and water from entering the panels and wiring.

Customized enclosures can be built to your exact specifications, including:

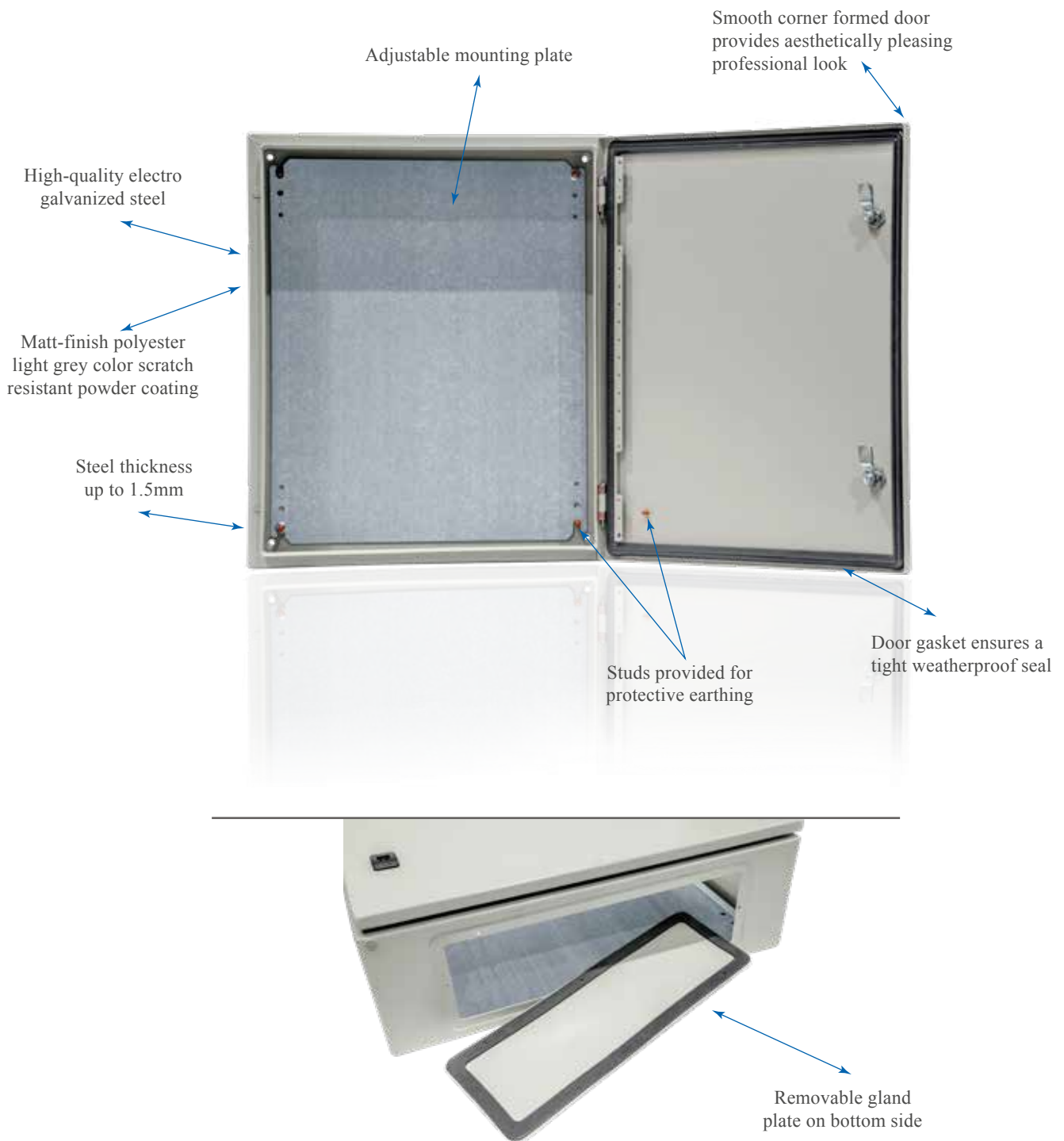
- Sizes
- Wall-mount (flush and surface), floor-mount, and freestanding
- Material thickness
- Door type
- Protective covers and locks
- Windows
- Cut-outs
- Mounting and gland plates
- Colors



Product Description

alfanar metal enclosures feature seamless corners with a secure outer door that swings open and serves as a protective cover. The clean design of the panel door makes it a presentable part of the Building .

Depending on the model, one or two gland plates are located on the bottom of the enclosure. Several models are available for different applications – indoor, outdoor, commercial, industrial, as well as specialized designs.



Quality and Testing

alfanar metal enclosures are safe for both residential and commercial installations. alfanar's program of inspection, verification, and testing monitors all our product's quality and performance requirements throughout the production process.

alfanar metal enclosures are type tested as per the international standards to ensure a higher level of safety when used by consumers. These certifications mean the enclosures have been independently tested and verified by a panel of independent experts adhering to the industry standards for safety that they represent.





**Lloyd's
Register**

Current issue date: 10 December 2018
 Entry date: 10 December 2018
 Contract/entry number: 1044114

Digital approval:
 ISO 14001: 17 December 2018
 ISO 45001: 14 December 2018
 ISO 9001: 17 January 2019

Certificate of Approval

This is to certify that the Management System of:

Alfanar Electrical Systems LLC

Per number 584-1037, Dubai Investment Park 1, Dubai, United Arab Emirates

has been approved by Lloyd's Register to the following standards:

ISO 14001:2015, ISO 45001:2018, ISO 9001:2015

Approval number(s): ISO 14001 – 0041643, ISO 45001 – 0041146, ISO 9001 – 0046144

The scope of this approval is applicable to:

Design and Manufacturing of Metal Enclosures, LV Switchgear and Switch Gears Provision and Management of employees Accommodation.



Luis Corbis
Area Operations Manager - MENA



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Page 1 of 1

TEST CERTIFICATE



Issued to:	Alfanar Electrical Systems L.L.C. P.O. Box 282725 Dubai United Arab Emirates
For the product:	Empty enclosure for low-voltage switchgear and cartridge assemblies
Trade name:	Alfanar / Carcassum
Type/Model:	Metal enclosures with normal door
Range:	IP56, 1X16, indoor / outdoor For more details see annex
Manufactured by:	Alfanar Electrical Systems L.L.C. P.O. Box 282725 Dubai United Arab Emirates
Subject:	Type tests
Requirements:	IEC 60398-2011 Clause 5.3, 5.4, 5.5, 5.7, 5.8, 5.11, 5.12, 5.13 and 5.14
Remarks:	

The Test Certificate is generated on basis of an examination by DEKRA, the results of which are laid down in report no. 2190013-17-842, dated 16 May 2017.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Attention does not include an assessment of the manufacturer's production. Conformity of the production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Amman, 16 May 2017

Number: 2190013-17-842

DEKRA Certification B.V.



H.K.M. Borents
Certification Manager

© Integral validation of this certificate and delivery results is allowed

DEKRA Certification B.V. Maxima 1001, 4525 Nij, Arnhem, P.O. Box 1983, 6819 ED Arnhem, The Netherlands
T +31 (0) 26 883000, F +31 (0) 26 883010, www.dekra.com, CompanyRegister@dekra.com

Product Range



Single Door Enclosure Type SB, SBX



Stainless Steel Enclosure



Double Door Enclosure, Type SBY



Metering Enclosure



Transparent Door Enclosure



Extendable Enclosure

Metal Enclosures up to IP66

SB, SBX, SBY Range



SPECIFICATIONS

- Made of high quality electro-galvanized (EG) steel sheet thickness up to 1.5mm
- Polyester powder coated light grey color RAL7032. Other colors available upon request
- Standard mounting plate 2mm thickness with anti-corrosion protection (hot dipped galvanized steel / Alu Zinc material)
- Type tested in accordance with IEC 60529/62208 standards
- Complies with CE standards
- Degree of protection up to IP66
- Suitable installation for wall & floor mounting

FEATURES

- Earthing studs are provided on both the enclosure and the door (Figure - 1)
- Formed in place polyurethane gasket for reliable sealing (Figure - 2)
- Corner formed door ensures better weatherproofing and is aesthetically appealing. Special profiled lip for better waterproofing (Figure - 3)
- Easily removable hinges, ideal for changing the door opening direction (for certain sizes)
- Metal keys and locking mechanism for durability (Figure - 4)
- A kit containing assembly hardware and instruction manual is provided with the enclosure



Figure - 1



Figure - 2



Figure - 3

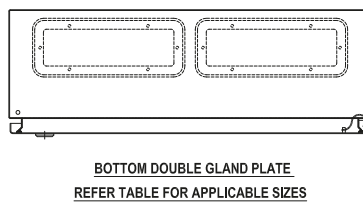
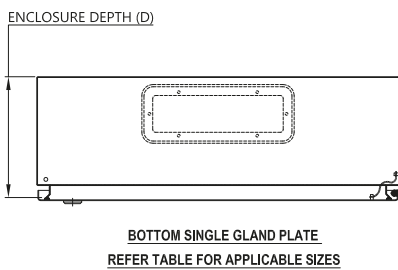
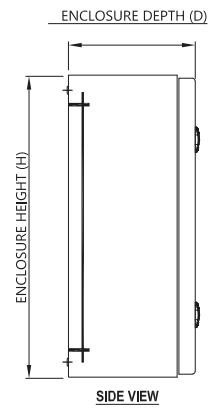
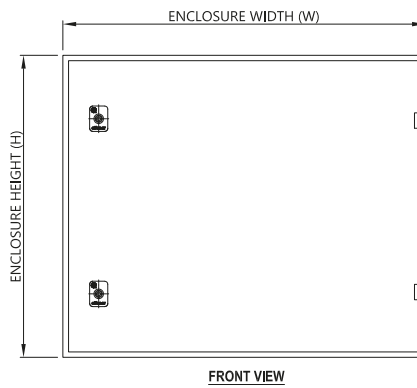
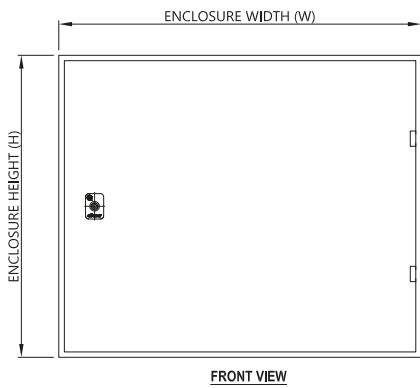


Figure - 4

1. Single Door Enclosures IP66

SB Range

alfanar SB range is a single door metal enclosure, designed with 1 or 2 points cam locks, available with maximum dimensions up to 800*800 mm.

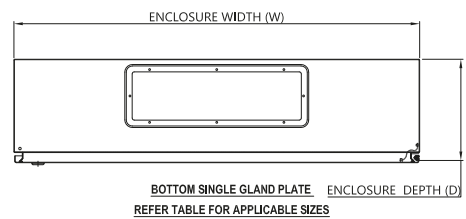
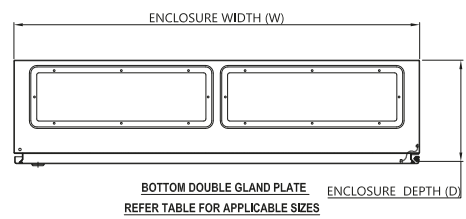
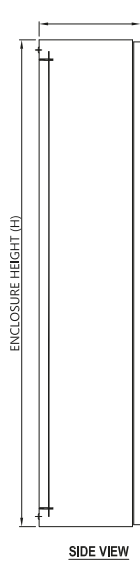
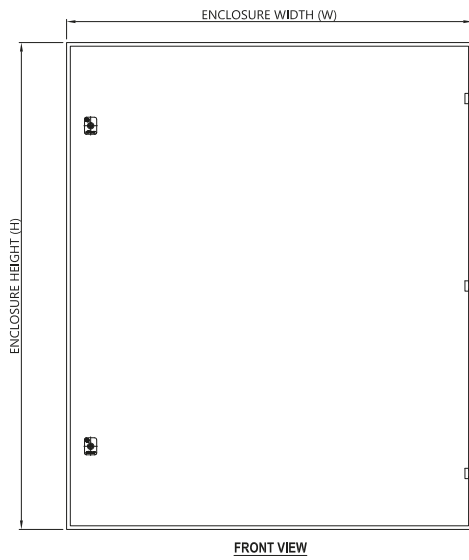


Single Door Enclosures - SB Range							
ITEM CODE	H	W	D	THICKNESS		NO OF GLAND PLATES BOTTOM	
				ENCLOSURE	MOUNTING PLATE		
1 47-SB202015D	200	200	150	1.2	2.0	1	
2 47-SB252015D	250	200	150	1.2	2.0	1	
3 47-SB252515D	250	250	150	1.2	2.0	1	
4 47-SB302015D	300	200	150	1.2	2.0	1	
5 47-SB302515D	300	250	150	1.2	2.0	1	
6 47-SB302520D	300	250	200	1.2	2.0	1	
7 47-SB303015D	300	300	150	1.2	2.0	1	
8 47-SB303020D	300	300	200	1.2	2.0	1	
9 47-SB402520D	400	250	200	1.2	2.0	1	
10 47-SB403015D	400	300	150	1.2	2.0	1	
11 47-SB403020D	400	300	200	1.2	2.0	1	
12 47-SB404015D	400	400	150	1.2	2.0	1	
13 47-SB404020D	400	400	200	1.2	2.0	1	
14 47-SB404015D	400	400	250	1.2	2.0	1	
15 47-SB406015D	400	600	150	1.2	2.0	2	
16 47-SB406020D	400	600	200	1.2	2.0	1	
17 47-SB406025D	400	600	250	1.2	2.0	1	
18 47-SB406030D	400	600	300	1.2	2.0	1	
19 47-SB504015D	500	400	150	1.2	2.0	1	
20 47-SB504020D	500	400	200	1.2	2.0	1	
21 47-SB504025D	500	400	250	1.2	2.0	1	
22 47-SB504030D	500	400	300	1.2	2.0	1	
23 47-SB505015D	500	500	150	1.2	2.0	2	
24 47-SB505020D	500	500	200	1.2	2.0	1	
25 47-SB505025D	500	500	250	1.2	2.0	1	
26 47-SB505030D	500	500	300	1.2	2.0	1	
27 47-SB604015D	600	400	150	1.2	2.0	1	
28 47-SB604020D	600	400	200	1.2	2.0	1	
29 47-SB604025D	600	400	250	1.2	2.0	1	
30 47-SB604030D	600	400	300	1.2	2.0	1	
31 47-SB605015D	600	500	150	1.2	2.0	2	
32 47-SB605020D	600	500	200	1.2	2.0	1	
33 47-SB605025D	600	500	250	1.2	2.0	1	
34 47-SB605030D	600	500	300	1.2	2.0	1	
35 47-SB606015D	600	600	150	1.2	2.0	2	
36 47-SB606020D	600	600	200	1.2	2.0	1	
37 47-SB606025D	600	600	250	1.2	2.0	1	
38 47-SB606030D	600	600	300	1.2	2.0	1	
39 47-SB705015D	700	500	150	1.2	2.0	2	

Single Door Enclosures - SB Range						
ITEM CODE	H	W	D	THICKNESS		NO OF GLAND PLATES BOTTOM
				ENCLOSURE	MOUNTING PLATE	
40 47-SB705020D	700	500	200	1.2	2.0	1
41 47-SB705025D	700	500	250	1.2	2.0	1
42 47-SB705030D	700	500	300	1.2	2.0	1
43 47-SB706015D	700	600	150	1.5	2.0	2
44 47-SB706020D	700	600	200	1.5	2.0	1
45 47-SB706025D	700	600	250	1.5	2.0	1
46 47-SB706030D	700	600	300	1.5	2.0	1
47 47-SB707015D	700	700	150	1.5	2.0	2
48 47-SB707020D	700	700	200	1.5	2.0	1
49 47-SB707025D	700	700	250	1.5	2.0	1
50 47-SB707030D	700	700	300	1.5	2.0	1
51 47-SB804015D	800	400	150	1.5	2.0	1
52 47-SB804020D	800	400	200	1.5	2.0	1
53 47-SB804025D	800	400	250	1.5	2.0	1
54 47-SB804030D	800	400	300	1.5	2.0	1
55 47-SB806015D	800	600	150	1.5	2.0	2
56 47-SB806020D	800	600	200	1.5	2.0	1
57 47-SB806025D	800	600	250	1.5	2.0	1
58 47-SB806030D	800	600	300	1.5	2.0	1
59 47-SB806040D	800	600	400	1.5	2.0	1
60 47-SB808015D	800	800	150	1.5	2.0	2
61 47-SB808020D	800	800	200	1.5	2.0	2
62 47-SB808025D	800	800	250	1.5	2.0	2
63 47-SB808030D	800	800	300	1.5	2.0	2

2. Single Door Enclosures IP66 SBX Range - 2 Points Cam Lock

alfanar SBX-2 points range is a single door metal enclosure, designed with two points cam locks, available with maximum dimensions up to 1600*1000 mm.

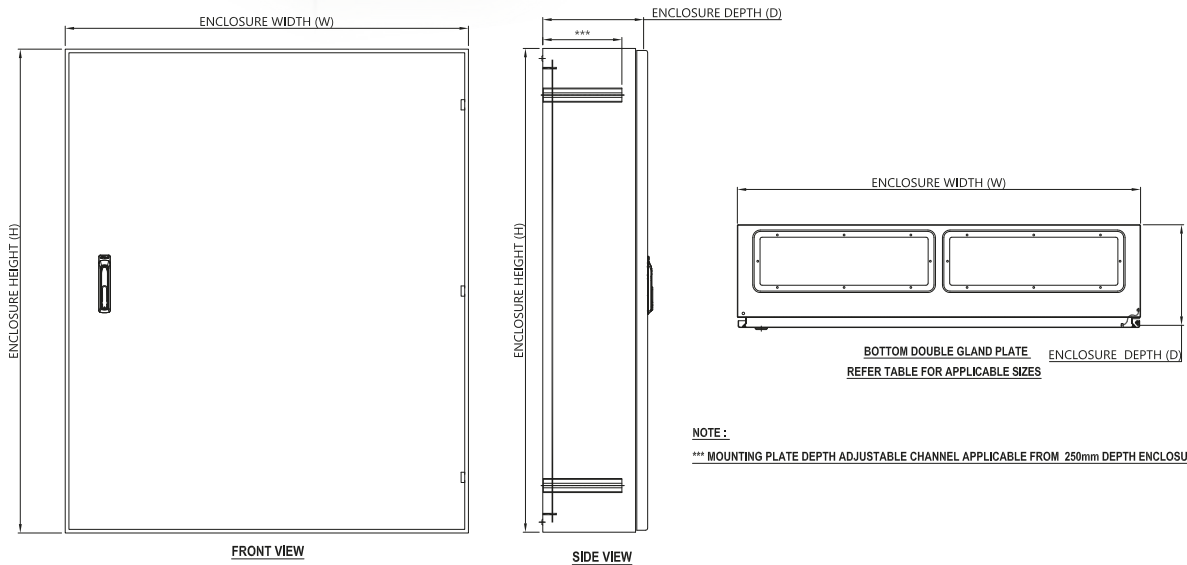


Single Door Enclosures - SBX Range - 2 Points Cam Lock							
ITEM CODE	H	W	D	THICKNESS		NO OF GLAND PLATES BOTTOM	
				ENCLOSURE	MOUNTING PLATE		
1 47-SBX104015D	1000	400	150	1.5	2.0	1	
2 47-SBX106015D	1000	600	150	1.5	2.0	2	
3 47-SBX106020D	1000	600	200	1.5	2.0	1	
4 47-SBX106025D	1000	600	250	1.5	2.0	1	
5 47-SBX106030D	1000	600	300	1.5	2.0	1	
6 47-SBX106040D	1000	600	400	1.5	2.0	1	
7 47-SBX108015D	1000	800	150	1.5	2.0	2	
8 47-SBX108020D	1000	800	200	1.5	2.0	2	
9 47-SBX108025D	1000	800	250	1.5	2.0	2	
10 47-SBX108030D	1000	800	300	1.5	2.0	2	
11 47-SBX108040D	1000	800	400	1.5	2.0	2	
12 47-SBX101025D	1000	1000	250	1.5	2.0	2	
13 47-SBX101030D	1000	1000	300	1.5	2.0	2	
14 47-SBX126020D	1200	600	200	1.5	2.0	1	
15 47-SBX126025D	1200	600	250	1.5	2.0	1	
16 47-SBX126030D	1200	600	300	1.5	2.0	1	
17 47-SBX128015D	1200	800	150	1.5	2.0	2	
18 47-SBX128020D	1200	800	200	1.5	2.0	2	
19 47-SBX128025D	1200	800	250	1.5	2.0	2	
20 47-SBX128030D	1200	800	300	1.5	2.0	2	
21 47-SBX128040D	1200	800	400	1.5	2.0	2	
22 47-SBX121025D	1200	1000	250	1.5	2.0	2	
23 47-SBX121030D	1200	1000	300	1.5	2.0	2	
24 47-SBX146015D	1400	600	150	1.5	2.0	2	
25 47-SBX146020D	1400	600	200	1.5	2.0	2	
26 47-SBX146025D	1400	600	250	1.5	2.0	1	
27 47-SBX146030D	1400	600	300	1.5	2.0	1	
28 47-SBX146035D	1400	600	350	1.5	2.0	1	
29 47-SBX146040D	1400	600	400	1.5	2.0	1	
30 47-SBX148015D	1400	800	150	1.5	2.0	2	
31 47-SBX148020D	1400	800	200	1.5	2.0	2	
32 47-SBX148025D	1400	800	250	1.5	2.0	2	
33 47-SBX148030D	1400	800	300	1.5	2.0	2	
34 47-SBX148035D	1400	800	350	1.5	2.0	2	
35 47-SBX148040D	1400	800	400	1.5	2.0	2	
36 47-SBX141025D	1400	1000	250	1.5	2.0	2	
37 47-SBX141030D	1400	1000	300	1.5	2.0	2	

Single Door Enclosures - SBX Range - 2 Points Cam Lock						
ITEM CODE	H	W	D	THICKNESS		NO OF GLAND PLATES BOTTOM
				ENCLOSURE	MOUNTING PLATE	
38 47-SBX141040D	1400	1000	400	1.5	2.0	2
39 47-SBX166015D	1600	600	150	1.5	2.0	2
40 47-SBX166020D	1600	600	200	1.5	2.0	2
41 47-SBX166025D	1600	600	250	1.5	2.0	1
42 47-SBX166030D	1600	600	300	1.5	2.0	1
43 47-SBX166035D	1600	600	350	1.5	2.0	1
44 47-SBX166040D	1600	600	400	1.5	2.0	1
45 47-SBX168015D	1600	800	150	1.5	2.0	2
46 47-SBX168020D	1600	800	200	1.5	2.0	2
47 47-SBX168025D	1600	800	250	1.5	2.0	2
48 47-SBX168030D	1600	800	300	1.5	2.0	2
49 47-SBX168035D	1600	800	350	1.5	2.0	2
50 47-SBX168040D	1600	800	400	1.5	2.0	2
51 47-SBX161030D	1600	1000	300	1.5	2.0	2
52 47-SBX161035D	1600	1000	350	1.5	2.0	2
53 47-SBX161040D	1600	1000	400	1.5	2.0	2

3. Single Door Enclosures IP66 SBX Range- 3 Points Lock Handle

alfanar SBX- 3 points range is a single door metal enclosure, designed with 3 points lock handle, available with maximum dimensions up to 2000*1000 mm.



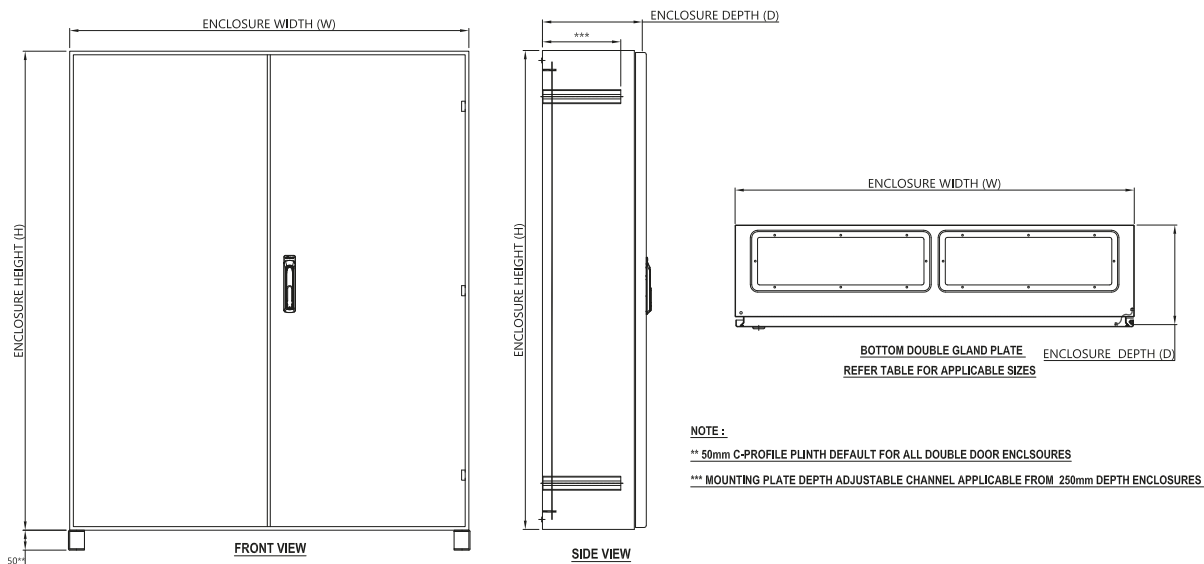
NOTE:
*** MOUNTING PLATE DEPTH ADJUSTABLE CHANNEL APPLICABLE FROM 250mm DEPTH ENCLOSURES

Single Door Enclosures - SBX Range - 3 Points Lock Handle							
ITEM CODE	H	W	D	THICKNESS		NO OF GLAND PLATES BOTTOM	
				ENCLOSURE	MOUNTING PLATE		
1 47-SBX3108020D	1000	800	200	1.5	2.0	2	
2 47-SBX3108025D	1000	800	250	1.5	2.0	2	
3 47-SBX3101025D	1000	1000	250	1.5	2.0	2	
4 47-SBX3101030D	1000	1000	300	1.5	2.0	2	
5 47-SBX3128025D	1200	800	250	1.5	2.0	2	
6 47-SBX3121025D	1200	1000	250	1.5	2.0	2	
7 47-SBX3121030D	1200	1000	300	1.5	2.0	2	
8 47-SBX3141030D	1400	1000	300	1.5	2.0	2	
9 47-SBX3141040D	1400	1000	400	1.5	2.0	2	
10 47-SBX3146015D	1400	600	150	1.5	2.0	2	
11 47-SBX3146020D	1400	600	200	1.5	2.0	2	
12 47-SBX3146025D	1400	600	250	1.5	2.0	2	
13 47-SBX3148015D	1400	800	150	1.5	2.0	2	
14 47-SBX3148020D	1400	800	200	1.5	2.0	2	
15 47-SBX3148025D	1400	800	250	1.5	2.0	2	
16 47-SBX3148030D	1400	800	300	1.5	2.0	2	
17 47-SBX3148035D	1400	800	350	1.5	2.0	2	
18 47-SBX3148040D	1400	800	400	1.5	2.0	2	
19 47-SBX3161030D	1600	1000	300	1.5	2.0	2	
20 47-SBX3161035D	1600	1000	350	1.5	2.0	2	
21 47-SBX3161040D	1600	1000	400	1.5	2.0	2	
22 47-SBX3166015D	1600	600	150	1.5	2.0	2	
23 47-SBX3166020D	1600	600	200	1.5	2.0	2	
24 47-SBX3168015D	1600	800	150	1.5	2.0	2	
25 47-SBX3168020D	1600	800	200	1.5	2.0	2	
26 47-SBX3168025D	1600	800	250	1.5	2.0	2	
27 47-SBX3168030D	1600	800	300	1.5	2.0	2	
28 47-SBX3168035D	1600	800	350	1.5	2.0	2	
29 47-SBX3168040D	1600	800	400	1.5	2.0	2	
30 47-SBX3181030D	1800	1000	300	1.5	2.0	2	
31 47-SBX3181040D	1800	1000	400	1.5	2.0	2	
32 47-SBX3186015D	1800	600	150	1.5	2.0	2	
33 47-SBX3186020D	1800	600	200	1.5	2.0	2	
34 47-SBX3186025D	1800	600	250	1.5	2.0	2	
35 47-SBX3186030D	1800	600	300	1.5	2.0	2	
36 47-SBX3186035D	1800	600	350	1.5	2.0	2	

Single Door Enclosures - SBX Range - 3 Points Lock Handle						
ITEM CODE	H	W	D	THICKNESS		NO OF GLAND PLATES BOTTOM
				ENCLOSURE	MOUNTING PLATE	
37 47-SBX3186040D	1800	600	400	1.5	2.0	2
38 47-SBX3188015D	1800	800	150	1.5	2.0	2
39 47-SBX3188020D	1800	800	200	1.5	2.0	2
40 47-SBX3188025D	1800	800	250	1.5	2.0	2
41 47-SBX3188030D	1800	800	300	1.5	2.0	2
42 47-SBX3188035D	1800	800	350	1.5	2.0	2
43 47-SBX3188040D	1800	800	400	1.5	2.0	2
44 47-SBX3206030D	2000	600	300	1.5	2.0	2
45 47-SBX3206040D	2000	600	400	1.5	2.0	2
46 47-SBX3208040D	2000	800	400	1.5	2.0	2
47 47-SBX3201040D	2000	1000	400	1.5	2.0	2

4. Double Door Enclosures IP54 SBY Range - 3 Points Lock Handle

alfanar SBY range is a double door metal enclosure up to IP54, designed with 3 points lock handle, and available with maximum dimensions up to 2000*1200 mm.



Double Door Enclosures - SBY Range - 3 Points Lock Handle							
ITEM CODE	H	W	D	THICKNESS		NO OF GLAND PLATES BOTTOM	
				ENCLOSURE	MOUNTING PLATE		
1 47-SBY101030D	1000	1000	300	1.5	2.0	2	
2 47-SBY121025D	1200	1000	250	1.5	2.0	2	
3 47-SBY121030D	1200	1000	300	1.5	2.0	2	
4 47-SBY121035D	1200	1000	350	1.5	2.0	2	
5 47-SBY121040D	1200	1000	400	1.5	2.0	2	
6 47-SBY121225D	1200	1200	250	1.5	2.0	2	
7 47-SBY121230D	1200	1200	300	1.5	2.0	2	
8 47-SBY121235D	1200	1200	350	1.5	2.0	2	
9 47-SBY121240D	1200	1200	400	1.5	2.0	2	
10 47-SBY141025D	1400	1000	250	1.5	2.0	2	
11 47-SBY141030D	1400	1000	300	1.5	2.0	2	
12 47-SBY141035D	1400	1000	350	1.5	2.0	2	
13 47-SBY141040D	1400	1000	400	1.5	2.0	2	
14 47-SBY141225D	1400	1200	250	1.5	2.0	2	
15 47-SBY141230D	1400	1200	300	1.5	2.0	2	
16 47-SBY141235D	1400	1200	350	1.5	2.0	2	
17 47-SBY141240D	1400	1200	400	1.5	2.0	2	
18 47-SBY161025D	1600	1000	250	1.5	2.0	2	
19 47-SBY161030D	1600	1000	300	1.5	2.0	2	
20 47-SBY161035D	1600	1000	350	1.5	2.0	2	
21 47-SBY161040D	1600	1000	400	1.5	2.0	2	
22 47-SBY161225D	1600	1200	250	1.5	2.0	2	
23 47-SBY161230D	1600	1200	300	1.5	2.0	2	
24 47-SBY161235D	1600	1200	350	1.5	2.0	2	
25 47-SBY161240D	1600	1200	400	1.5	2.0	2	
26 47-SBY181025D	1800	1000	250	1.5	2.0	2	
27 47-SBY181030D	1800	1000	300	1.5	2.0	2	
28 47-SBY181035D	1800	1000	350	1.5	2.0	2	
29 47-SBY181040D	1800	1000	400	1.5	2.0	2	
30 47-SBY181225D	1800	1200	250	1.5	2.0	2	
31 47-SBY181235D	1800	1200	300	1.5	2.0	2	
32 47-SBY181235D	1800	1200	350	1.5	2.0	2	
33 47-SBY181240D	1800	1200	400	1.5	2.0	2	
34 47-SBY201040D	2000	1000	400	1.5	2.0	2	
35 47-SBY201240D	2000	1200	400	1.5	2.0	2	

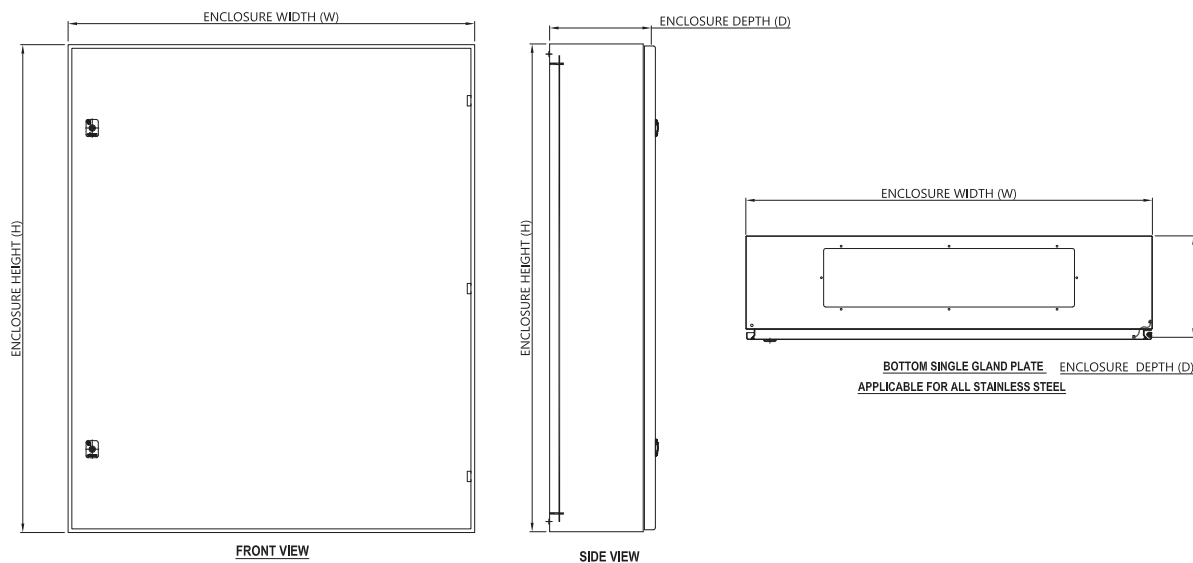
5. Stainless Steel Enclosures IP66

Stainless steel enclosures are widely used in commercial and industrial applications, in addition to the power distribution and energy industries. The corrosion resistance of stainless steel and the ability to withstand frequent wash-downs is necessary when dealing with harsh environments and where these industries are located, like coastal areas or offshore applications.



FEATURES

- Ingress protection IP66 / NEMA-4X
- Made of stainless steel up to 1.5mm thickness, 304L or 316L grade with 2B finish (Brush Finish)
- Stainless steel mounting plate of 2mm thickness
- Specially made for use in highly corrosive environments, such as chemical or food industries and places where hygiene is essential
- Stainless steel enclosures available in all sizes upon request
- Formed in place polyurethane gasket for reliable sealing
- Locks and hinges are also made of stainless steel



Stainless Steel Enclosures							
ITEM CODE		H	W	D	THICKNESS		
316L	304L				ENCLOSURE	MOUNTING PLATE	
1	47-SS6-SB202015D	47-SS4-SB202015D	200	200	150	1.2	2.0
2	47-SS6-SB252015D	47-SS4-SB252015D	250	200	150	1.2	2.0
3	47-SS6-SB252515D	47-SS4-SB252515D	250	250	150	1.2	2.0
4	47-SS6-SB302015D	47-SS4-SB302015D	300	200	150	1.2	2.0
5	47-SS6-SB302515D	47-SS4-SB302515D	300	250	150	1.2	2.0
6	47-SS6-SB302520D	47-SS4-SB302520D	300	250	200	1.2	2.0
7	47-SS6-SB303015D	47-SS4-SB303015D	300	300	150	1.2	2.0
8	47-SS6-SB303020D	47-SS4-SB303020D	300	300	200	1.2	2.0
9	47-SS6-SB402520D	47-SS4-SB402520D	400	250	200	1.2	2.0
10	47-SS6-SB403015D	47-SS4-SB403015D	400	300	150	1.2	2.0
11	47-SS6-SB403020D	47-SS4-SB403020D	400	300	200	1.2	2.0
12	47-SS6-SB404015D	47-SS4-SB404015D	400	400	150	1.2	2.0
13	47-SS6-SB404020D	47-SS4-SB404020D	400	400	200	1.2	2.0
14	47-SS6-SB404015D	47-SS4-SB404015D	400	400	250	1.2	2.0
15	47-SS6-SB406015D	47-SS4-SB406015D	400	600	150	1.2	2.0
16	47-SS6-SB406020D	47-SS4-SB406020D	400	600	200	1.2	2.0
17	47-SS6-SB406025D	47-SS4-SB406025D	400	600	250	1.2	2.0
18	47-SS6-SB406030D	47-SS4-SB406030D	400	600	300	1.2	2.0
19	47-SS6-SB504015D	47-SS4-SB504015D	500	400	150	1.2	2.0
20	47-SS6-SB504020D	47-SS4-SB504020D	500	400	200	1.2	2.0
21	47-SS6-SB504025D	47-SS4-SB504025D	500	400	250	1.2	2.0
22	47-SS6-SB504030D	47-SS4-SB504030D	500	400	300	1.2	2.0
23	47-SS6-SB505015D	47-SS4-SB505015D	500	500	150	1.2	2.0
24	47-SS6-SB505020D	47-SS4-SB505020D	500	500	200	1.2	2.0
25	47-SS6-SB505025D	47-SS4-SB505025D	500	500	250	1.2	2.0
26	47-SS6-SB505030D	47-SS4-SB505030D	500	500	300	1.2	2.0
27	47-SS6-SB604015D	47-SS4-SB604015D	600	400	150	1.2	2.0
28	47-SS6-SB604020D	47-SS4-SB604020D	600	400	200	1.2	2.0
29	47-SS6-SB604025D	47-SS4-SB604025D	600	400	250	1.2	2.0
30	47-SS6-SB604030D	47-SS4-SB604030D	600	400	300	1.2	2.0
31	47-SS6-SB605015D	47-SS4-SB605015D	600	500	150	1.2	2.0
32	47-SS6-SB605020D	47-SS4-SB605020D	600	500	200	1.2	2.0
33	47-SS6-SB605025D	47-SS4-SB605025D	600	500	250	1.2	2.0
34	47-SS6-SB605030D	47-SS4-SB605030D	600	500	300	1.2	2.0
35	47-SS6-SB606015D	47-SS4-SB606015D	600	600	150	1.2	2.0
36	47-SS6-SB606020D	47-SS4-SB606020D	600	600	200	1.2	2.0

Stainless Steel Enclosures							
ITEM CODE		H	W	D	THICKNESS		
316L	304L				ENCLOSURE	MOUNTING PLATE	
37	47-SS6-SB606025D	47-SS4-SB606025D	600	600	250	1.2	2.0
38	47-SS6-SB606030D	47-SS4-SB606030D	600	600	300	1.2	2.0
39	47-SS6-SB705015D	47-SS4-SB705015D	700	500	150	1.2	2.0
40	47-SS6-SB705020D	47-SS4-SB705020D	700	500	200	1.2	2.0
41	47-SS6-SB705025D	47-SS4-SB705025D	700	500	250	1.2	2.0
42	47-SS6-SB705030D	47-SS4-SB705030D	700	500	300	1.2	2.0
43	47-SS6-SB706015D	47-SS4-SB706015D	700	600	150	1.5	2.0
44	47-SS6-SB706020D	47-SS4-SB706020D	700	600	200	1.5	2.0
45	47-SS6-SB706025D	47-SS4-SB706025D	700	600	250	1.5	2.0
46	47-SS6-SB706030D	47-SS4-SB706030D	700	600	300	1.5	2.0
47	47-SS6-SB707015D	47-SS4-SB707015D	700	700	150	1.5	2.0
48	47-SS6-SB707020D	47-SS4-SB707020D	700	700	200	1.5	2.0
49	47-SS6-SB707025D	47-SS4-SB707025D	700	700	250	1.5	2.0
50	47-SS6-SB707030D	47-SS4-SB707030D	700	700	300	1.5	2.0
51	47-SS6-SB804015D	47-SS4-SB804015D	800	400	150	1.5	2.0
52	47-SS6-SB804020D	47-SS4-SB804020D	800	400	200	1.5	2.0
53	47-SS6-SB804025D	47-SS4-SB804025D	800	400	250	1.5	2.0
54	47-SS6-SB804030D	47-SS4-SB804030D	800	400	300	1.5	2.0
55	47-SS6-SB806015D	47-SS4-SB806015D	800	600	150	1.5	2.0
56	47-SS6-SB806020D	47-SS4-SB806020D	800	600	200	1.5	2.0
57	47-SS6-SB806025D	47-SS4-SB806025D	800	600	250	1.5	2.0
58	47-SS6-SB806030D	47-SS4-SB806030D	800	600	300	1.5	2.0
59	47-SS6-SB806040D	47-SS4-SB806040D	800	600	400	1.5	2.0
60	47-SS6-SB808015D	47-SS4-SB808015D	800	800	150	1.5	2.0
61	47-SS6-SB808020D	47-SS4-SB808020D	800	800	200	1.5	2.0
62	47-SS6-SB808025D	47-SS4-SB808025D	800	800	250	1.5	2.0
63	47-SS6-SB808030D	47-SS4-SB808030D	800	800	300	1.5	2.0
64	47-SS6-SBX104015D	47-SS4-SBX104015D	1000	400	150	1.5	2.0
65	47-SS6-SBX106015D	47-SS4-SBX106015D	1000	600	150	1.5	2.0
66	47-SS6-SBX106020D	47-SS4-SBX106020D	1000	600	200	1.5	2.0
67	47-SS6-SBX106025D	47-SS4-SBX106025D	1000	600	250	1.5	2.0
68	47-SS6-SBX106030D	47-SS4-SBX106030D	1000	600	300	1.5	2.0
69	47-SS6-SBX106040D	47-SS4-SBX106040D	1000	600	400	1.5	2.0
70	47-SS6-SBX108015D	47-SS4-SBX108015D	1000	800	150	1.5	2.0
71	47-SS6-SBX108020D	47-SS4-SBX108020D	1000	800	200	1.5	2.0
72	47-SS6-SBX108025D	47-SS4-SBX108025D	1000	800	250	1.5	2.0
73	47-SS6-SBX108030D	47-SS4-SBX108030D	1000	800	300	1.5	2.0
74	47-SS6-SBX108040D	47-SS4-SBX108040D	1000	800	400	1.5	2.0
75	47-SS6-SBX101025D	47-SS4-SBX101025D	1000	1000	250	1.5	2.0
76	47-SS6-SBX101030D	47-SS4-SBX101030D	1000	1000	300	1.5	2.0

Stainless Steel Enclosures							
ITEM CODE		H	W	D	THICKNESS		
316L	304L				ENCLOSURE	MOUNTING PLATE	
77	47-SS6-SBX126020D	47-SS4-SBX126020D	1200	600	200	1.5	2.0
78	47-SS6-SBX126025D	47-SS4-SBX126025D	1200	600	250	1.5	2.0
79	47-SS6-SBX126030D	47-SS4-SBX126030D	1200	600	300	1.5	2.0
80	47-SS6-SBX128015D	47-SS4-SBX128015D	1200	800	150	1.5	2.0
81	47-SS6-SBX128020D	47-SS4-SBX128020D	1200	800	200	1.5	2.0
82	47-SS6-SBX128025D	47-SS4-SBX128025D	1200	800	250	1.5	2.0
83	47-SS6-SBX128030D	47-SS4-SBX128030D	1200	800	300	1.5	2.0
84	47-SS6-SBX128040D	47-SS4-SBX128040D	1200	800	400	1.5	2.0
85	47-SS6-SBX121025D	47-SS4-SBX121025D	1200	1000	250	1.5	2.0
86	47-SS6-SBX121030D	47-SS4-SBX121030D	1200	1000	300	1.5	2.0
87	47-SS6-SBX146015D	47-SS4-SBX146015D	1400	600	150	1.5	2.0
88	47-SS6-SBX146020D	47-SS4-SBX146020D	1400	600	200	1.5	2.0
89	47-SS6-SBX146025D	47-SS4-SBX146025D	1400	600	250	1.5	2.0
90	47-SS6-SBX146030D	47-SS4-SBX146030D	1400	600	300	1.5	2.0
91	47-SS6-SBX146035D	47-SS4-SBX146035D	1400	600	350	1.5	2.0
92	47-SS6-SBX146040D	47-SS4-SBX146040D	1400	600	400	1.5	2.0
93	47-SS6-SBX148015D	47-SS4-SBX148015D	1400	800	150	1.5	2.0
94	47-SS6-SBX148020D	47-SS4-SBX148020D	1400	800	200	1.5	2.0
95	47-SS6-SBX148025D	47-SS4-SBX148025D	1400	800	250	1.5	2.0
96	47-SS6-SBX148030D	47-SS4-SBX148030D	1400	800	300	1.5	2.0
97	47-SS6-SBX148035D	47-SS4-SBX148035D	1400	800	350	1.5	2.0
98	47-SS6-SBX148040D	47-SS4-SBX148040D	1400	800	400	1.5	2.0
99	47-SS6-SBX141025D	47-SS4-SBX141025D	1400	1000	250	1.5	2.0
100	47-SS6-SBX141030D	47-SS4-SBX141030D	1400	1000	300	1.5	2.0
101	47-SS6-SBX141040D	47-SS4-SBX141040D	1400	1000	400	1.5	2.0
102	47-SS6-SBX166015D	47-SS4-SBX166015D	1600	600	150	1.5	2.0
103	47-SS6-SBX166020D	47-SS4-SBX166020D	1600	600	200	1.5	2.0
104	47-SS6-SBX166025D	47-SS4-SBX166025D	1600	600	250	1.5	2.0
105	47-SS6-SBX166030D	47-SS4-SBX166030D	1600	600	300	1.5	2.0
106	47-SS6-SBX166035D	47-SS4-SBX166035D	1600	600	350	1.5	2.0
107	47-SS6-SBX166040D	47-SS4-SBX166040D	1600	600	400	1.5	2.0
108	47-SS6-SBX168015D	47-SS4-SBX168015D	1600	800	150	1.5	2.0
109	47-SS6-SBX168020D	47-SS4-SBX168020D	1600	800	200	1.5	2.0
110	47-SS6-SBX168025D	47-SS4-SBX168025D	1600	800	250	1.5	2.0
111	47-SS6-SBX168030D	47-SS4-SBX168030D	1600	800	300	1.5	2.0
112	47-SS6-SBX168035D	47-SS4-SBX168035D	1600	800	350	1.5	2.0
113	47-SS6-SBX168040D	47-SS4-SBX168040D	1600	800	400	1.5	2.0
114	47-SS6-SBX161030D	47-SS4-SBX161030D	1600	1000	300	1.5	2.0
115	47-SS6-SBX161035D	47-SS4-SBX161035D	1600	1000	350	1.5	2.0
116	47-SS6-SBX161040D	47-SS4-SBX161040D	1600	1000	400	1.5	2.0

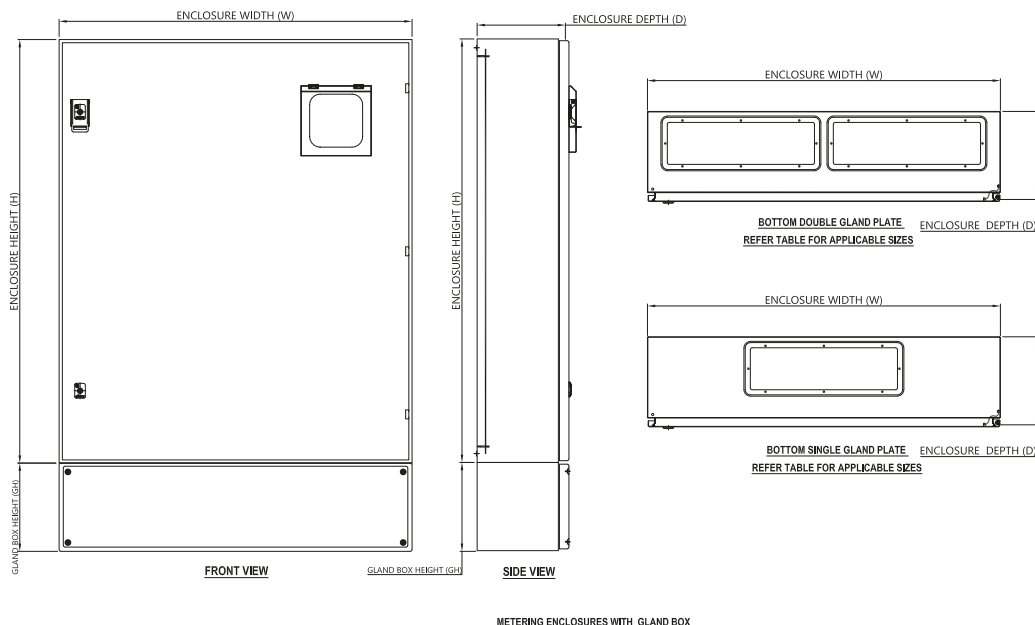
6. Metering Enclosures up to IP65

alfanar metering enclosures are a weatherproof metal enclosure provided with a transparent viewing window made of acrylic material such as Perspex. The viewing window enables operators and technicians to easily read and monitor the internal meters installed inside the enclosures without opening the door.



FEATURES

- Ingress protection up to IP65
- Made of electrogalvanized steel up to 1.5 mm thickness, Polyester powder coated
- Steel mounting plate of 2mm thickness, (hot dipped galvanized steel / Alu Zinc material)
- Meter viewing Perspex 150X150mm (up to 5mm thickness)
- Perspex protection cover with hinges 200X200 mm
- Padlocking arrangement
- Suitable gland box can be ordered separately



Metering Enclosures									
ITEM CODE	H	W	D	THICKNESS		Open WINDOW (EMPTY CUTOUT) IPXX	TRANSPARENT WINDOW IP54	TRANSPARENT WINDOW with FLAP DOOR IP65	
				ENCLOSURE	MOUNTING PLATE				
1 47-MSB504020D	500	400	200	1.2	2.0	YES	-	-	
2 47-MSB504025D	500	400	250	1.2	2.0	YES	-	-	
3 47-MSB504030D	500	400	300	1.2	2.0	YES	-	-	
4 47-MSB505015D	500	500	150	1.2	2.0	YES	-	-	
5 47-MSB505020D	500	500	200	1.2	2.0	YES	-	-	
6 47-MSB505025D	500	500	250	1.2	2.0	YES	-	-	
7 47-MSB505030D	500	500	300	1.2	2.0	YES	-	-	
8 47-MSB604015D	600	400	150	1.2	2.0	YES	-	-	
9 47-MSB604020D	600	400	200	1.2	2.0	YES	-	-	
10 47-MSB604025D	600	400	250	1.2	2.0	YES	-	-	
11 47-MSB604030D	600	400	300	1.2	2.0	YES	-	-	
12 47-MSB605015D	600	500	150	1.2	2.0	YES	-	-	
13 47-MSB605020D	600	500	200	1.2	2.0	YES	-	-	
14 47-MSB605025D	600	500	250	1.2	2.0	YES	-	-	
15 47-MSB605030D	600	500	300	1.2	2.0	YES	-	-	
16 47-MSB606015D	600	600	150	1.2	2.0	YES	-	-	
17 47-MSB606020D	600	600	200	1.2	2.0	YES	-	-	
18 47-MSB606025D	600	600	250	1.2	2.0	YES	-	-	
19 47-MSB606030D	600	600	300	1.2	2.0	YES	-	-	
20 47-MSB705015D	700	500	150	1.2	2.0	YES	-	-	
21 47-MSB705020D	700	500	200	1.2	2.0	YES	-	-	
22 47-MSB705025D	700	500	250	1.2	2.0	YES	-	-	
23 47-MSB705030D	700	500	300	1.2	2.0	YES	-	-	
24 47-MSB706015D	700	600	150	1.5	2.0	YES	-	-	
25 47-MSB706020D	700	600	200	1.5	2.0	YES	-	-	
26 47-MSB706025D	700	600	250	1.5	2.0	YES	-	-	
27 47-MSB706030D	700	600	300	1.5	2.0	YES	-	-	
28 47-MSB707015D	700	700	150	1.5	2.0	YES	-	-	
29 47-MSB707020D	700	700	200	1.5	2.0	YES	-	-	
30 47-MSB707025D	700	700	250	1.5	2.0	YES	-	-	
31 47-MSB707030D	700	700	300	1.5	2.0	YES	-	-	
32 47-MSB804015D	800	400	150	1.5	2.0	YES	-	-	
33 47-MSB804020D	800	400	200	1.5	2.0	YES	-	-	
34 47-MSB804025D	800	400	250	1.5	2.0	YES	-	-	
35 47-MSB804030D	800	400	300	1.5	2.0	YES	-	-	
36 47-MSB806015D	800	600	150	1.5	2.0	YES	-	-	
37 47-MSB806020D	800	600	200	1.5	2.0	YES	-	-	
38 47-MSB806025D	800	600	250	1.5	2.0	YES	-	-	

Metering Enclosures									
ITEM CODE	H	W	D	THICKNESS		Open WINDOW (EMPTY CUTOUT) IPXX	TRANSPARENT WINDOW IP54	TRANSPARENT WINDOW with FLAP DOOR IP65	
				ENCLOSURE	MOUNTING PLATE				
39	47-MSB806030D	800	600	300	1.5	2.0	YES	-	-
40	47-MSB806040D	800	600	400	1.5	2.0	YES	-	-
41	47-MSB808015D	800	800	150	1.5	2.0	YES	-	-
42	47-MSB808020D	800	800	200	1.5	2.0	YES	-	-
43	47-MSB808025D	800	800	250	1.5	2.0	YES	-	-
44	47-MSB808030D	800	800	300	1.5	2.0	YES	-	-
45	47-MSBX106015D	1000	600	150	1.5	2.0	YES	-	-
46	47-MSBX106020D	1000	600	200	1.5	2.0	YES	-	-
47	47-MSBX106025D	1000	600	250	1.5	2.0	YES	-	-
48	47-MSBX106030D	1000	600	300	1.5	2.0	YES	-	-
49	47-MSBX106040D	1000	600	400	1.5	2.0	YES	-	-
50	47-MSBX108015D	1000	800	150	1.5	2.0	YES	-	-
51	47-MSBX108020D	1000	800	200	1.5	2.0	YES	-	-
52	47-MSBX108025D	1000	800	250	1.5	2.0	YES	-	-
53	47-MSBX108030D	1000	800	300	1.5	2.0	YES	-	-
54	47-MSBX108040D	1000	800	400	1.5	2.0	YES	-	-
55	47-MSBX101025D	1000	1000	250	1.5	2.0	YES	-	-
56	47-MSBX101030D	1000	1000	300	1.5	2.0	YES	-	-
57	47-MSBX126020D	1200	600	200	1.5	2.0	YES	-	-
58	47-MSBX126025D	1200	600	250	1.5	2.0	YES	-	-
59	47-MSBX126030D	1200	600	300	1.5	2.0	YES	-	-
60	47-MSBX128015D	1200	800	150	1.5	2.0	YES	-	-
61	47-MSBX128020D	1200	800	200	1.5	2.0	YES	-	-
62	47-MSBX128025D	1200	800	250	1.5	2.0	YES	-	-
63	47-MSBX128030D	1200	800	300	1.5	2.0	YES	-	-
64	47-MSBX128040D	1200	800	400	1.5	2.0	YES	-	-
65	47-MSBX121025D	1200	1000	250	1.5	2.0	YES	-	-
66	47-MSBX121030D	1200	1000	300	1.5	2.0	YES	-	-
67	47-MSB504020PL-HD	500	400	200	1.2	2.0	-	YES	YES
68	47-MSB504025PL-HD	500	400	250	1.2	2.0	-	YES	YES
69	47-MSB504030PL-HD	500	400	300	1.2	2.0	-	YES	YES
70	47-MSB505015PL-HD	500	500	150	1.2	2.0	-	YES	YES
71	47-MSB505020PL-HD	500	500	200	1.2	2.0	-	YES	YES
72	47-MSB505025PL-HD	500	500	250	1.2	2.0	-	YES	YES
73	47-MSB505030PL-HD	500	500	300	1.2	2.0	-	YES	YES
74	47-MSB604015PL-HD	600	400	150	1.2	2.0	-	YES	YES
75	47-MSB604020PL-HD	600	400	200	1.2	2.0	-	YES	YES
76	47-MSB604025PL-HD	600	400	250	1.2	2.0	-	YES	YES

Metering Enclosures									
ITEM CODE	H	W	D	THICKNESS		Open WINDOW (EMPTY CUTOUT) IPXX	TRANSPARENT WINDOW IP54	TRANSPARENT WINDOW with FLAP DOOR IP65	
				ENCLOSURE	MOUNTING PLATE				
77	47-MSB604030PL-HD	600	400	300	1.2	2.0	-	YES	YES
78	47-MSB605015PL-HD	600	500	150	1.2	2.0	-	YES	YES
79	47-MSB605020PL-HD	600	500	200	1.2	2.0	-	YES	YES
80	47-MSB605025PL-HD	600	500	250	1.2	2.0	-	YES	YES
81	47-MSB605030PL-HD	600	500	300	1.2	2.0	-	YES	YES
82	47-MSB606015PL-HD	600	600	150	1.2	2.0	-	YES	YES
83	47-MSB606020PL-HD	600	600	200	1.2	2.0	-	YES	YES
84	47-MSB606025PL-HD	600	600	250	1.2	2.0	-	YES	YES
85	47-MSB606030PL-HD	600	600	300	1.2	2.0	-	YES	YES
86	47-MSB705015PL-HD	700	500	150	1.2	2.0	-	YES	YES
87	47-MSB705020PL-HD	700	500	200	1.2	2.0	-	YES	YES
88	47-MSB705025PL-HD	700	500	250	1.2	2.0	-	YES	YES
89	47-MSB705030PL-HD	700	500	300	1.2	2.0	-	YES	YES
90	47-MSB706015PL-HD	700	600	150	1.5	2.0	-	YES	YES
91	47-MSB706020PL-HD	700	600	200	1.5	2.0	-	YES	YES
92	47-MSB706025PL-HD	700	600	250	1.5	2.0	-	YES	YES
93	47-MSB706030PL-HD	700	600	300	1.5	2.0	-	YES	YES
94	47-MSB707015PL-HD	700	700	150	1.5	2.0	-	YES	YES
95	47-MSB707020PL-HD	700	700	200	1.5	2.0	-	YES	YES
96	47-MSB707025PL-HD	700	700	250	1.5	2.0	-	YES	YES
97	47-MSB707030PL-HD	700	700	300	1.5	2.0	-	YES	YES
98	47-MSB804015PL-HD	800	400	150	1.5	2.0	-	YES	YES
99	47-MSB804020PL-HD	800	400	200	1.5	2.0	-	YES	YES
100	47-MSB804025PL-HD	800	400	250	1.5	2.0	-	YES	YES
101	47-MSB804030PL-HD	800	400	300	1.5	2.0	-	YES	YES
102	47-MSB806015PL-HD	800	600	150	1.5	2.0	-	YES	YES
103	47-MSB806020PL-HD	800	600	200	1.5	2.0	-	YES	YES
104	47-MSB806025PL-HD	800	600	250	1.5	2.0	-	YES	YES
105	47-MSB806030PL-HD	800	600	300	1.5	2.0	-	YES	YES
106	47-MSB806040PL-HD	800	600	400	1.5	2.0	-	YES	YES
107	47-MSB808015PL-HD	800	800	150	1.5	2.0	-	YES	YES
108	47-MSB808020PL-HD	800	800	200	1.5	2.0	-	YES	YES
109	47-MSB808025PL-HD	800	800	250	1.5	2.0	-	YES	YES
110	47-MSB808030PL-HD	800	800	300	1.5	2.0	-	YES	YES
111	47-MSBX106015PL-HD	1000	600	150	1.5	2.0	-	YES	YES
112	47-MSBX106020PL-HD	1000	600	200	1.5	2.0	-	YES	YES
113	47-MSBX106025PL-HD	1000	600	250	1.5	2.0	-	YES	YES
114	47-MSBX106030PL-HD	1000	600	300	1.5	2.0	-	YES	YES

Metering Enclosures									
ITEM CODE	H	W	D	THICKNESS		Open WINDOW (EMPTY CUTOUT) IPXX	TRANSPARENT WINDOW IP54	TRANSPARENT WINDOW with FLAP DOOR IP65	
				ENCLOSURE	MOUNTING PLATE				
115 47-MSBX106040PL-HD	1000	600	400	1.5	2.0	-	YES	YES	
116 47-MSBX108015PL-HD	1000	800	150	1.5	2.0	-	YES	YES	
117 47-MSBX108020PL-HD	1000	800	200	1.5	2.0	-	YES	YES	
118 47-MSBX108025PL-HD	1000	800	250	1.5	2.0	-	YES	YES	
119 47-MSBX108030PL-HD	1000	800	300	1.5	2.0	-	YES	YES	
120 47-MSBX108040PL-HD	1000	800	400	1.5	2.0	-	YES	YES	
121 47-MSBX101025PL-HD	1000	1000	250	1.5	2.0	-	YES	YES	
122 47-MSBX101030PL-HD	1000	1000	300	1.5	2.0	-	YES	YES	
123 47-MSBX126020PL-HD	1200	600	200	1.5	2.0	-	YES	YES	
124 47-MSBX126025PL-HD	1200	600	250	1.5	2.0	-	YES	YES	
125 47-MSBX126030PL-HD	1200	600	300	1.5	2.0	-	YES	YES	
126 47-MSBX128015PL-HD	1200	800	150	1.5	2.0	-	YES	YES	
127 47-MSBX128020PL-HD	1200	800	200	1.5	2.0	-	YES	YES	
128 47-MSBX128025PL-HD	1200	800	250	1.5	2.0	-	YES	YES	
129 47-MSBX128030PL-HD	1200	800	300	1.5	2.0	-	YES	YES	
130 47-MSBX128040PL-HD	1200	800	400	1.5	2.0	-	YES	YES	
131 47-MSBX121025PL-HD	1200	1000	250	1.5	2.0	-	YES	YES	
132 47-MSBX121030PL-HD	1200	1000	300	1.5	2.0	-	YES	YES	

Transparent Door Enclosures – SBT Range							
ITEM CODE	H	W	D	THICKNESS			
				ENCLOSURE	MOUNTING PLATE	TRANSPARENT WINDOW (POLYCARBONATE)	
1	47-SBT302515D	300	250	150	1.2	2.0	3.0
2	47-SBT302520D	300	250	200	1.2	2.0	3.0
3	47-SBT303015D	300	300	150	1.2	2.0	3.0
4	47-SBT303020D	300	300	200	1.2	2.0	3.0
5	47-SBT402520D	400	250	200	1.2	2.0	3.0
6	47-SBT403015D	400	300	150	1.2	2.0	3.0
7	47-SBT403020D	400	300	200	1.2	2.0	3.0
8	47-SBT404015D	400	400	150	1.2	2.0	3.0
9	47-SBT404020D	400	400	200	1.2	2.0	3.0
10	47-SBT404015D	400	400	250	1.2	2.0	3.0
11	47-SBT406015D	400	600	150	1.2	2.0	3.0
12	47-SBT406020D	400	600	200	1.2	2.0	3.0
13	47-SBT406025D	400	600	250	1.2	2.0	3.0
14	47-SBT406030D	400	600	300	1.2	2.0	3.0
15	47-SBT504015D	500	400	150	1.2	2.0	3.0
16	47-SBT504020D	500	400	200	1.2	2.0	3.0
17	47-SBT504025D	500	400	250	1.2	2.0	3.0
18	47-SBT504030D	500	400	300	1.2	2.0	3.0
19	47-SBT505015D	500	500	150	1.2	2.0	3.0
20	47-SBT505020D	500	500	200	1.2	2.0	3.0
21	47-SBT505025D	500	500	250	1.2	2.0	3.0
22	47-SBT505030D	500	500	300	1.2	2.0	3.0
23	47-SBT604015D	600	400	150	1.2	2.0	3.0
24	47-SBT604020D	600	400	200	1.2	2.0	3.0
25	47-SBT604025D	600	400	250	1.2	2.0	3.0
26	47-SBT604030D	600	400	300	1.2	2.0	3.0
27	47-SBT605015D	600	500	150	1.2	2.0	3.0
28	47-SBT605020D	600	500	200	1.2	2.0	3.0
29	47-SBT605025D	600	500	250	1.2	2.0	3.0
30	47-SBT605030D	600	500	300	1.2	2.0	3.0
31	47-SBT606015D	600	600	150	1.2	2.0	3.0
32	47-SBT606020D	600	600	200	1.2	2.0	3.0
33	47-SBT606025D	600	600	250	1.2	2.0	3.0
34	47-SBT606030D	600	600	300	1.2	2.0	3.0
35	47-SBT705015D	700	500	150	1.2	2.0	3.0
36	47-SBT705020D	700	500	200	1.2	2.0	3.0

Transparent Door Enclosures – SBT Range							
ITEM CODE	H	W	D	THICKNESS			
				ENCLOSURE	MOUNTING PLATE	TRANSPARENT WINDOW (POLYCARBONATE)	
37 47-SBT705025D	700	500	250	1.2	2.0	3.0	
38 47-SBT705030D	700	500	300	1.2	2.0	3.0	
39 47-SBT706015D	700	600	150	1.5	2.0	3.0	
40 47-SBT706020D	700	600	200	1.5	2.0	3.0	
41 47-SBT706025D	700	600	250	1.5	2.0	3.0	
42 47-SBT706030D	700	600	300	1.5	2.0	3.0	
43 47-SBT707015D	700	700	150	1.5	2.0	3.0	
44 47-SBT707020D	700	700	200	1.5	2.0	3.0	
45 47-SBT707025D	700	700	250	1.5	2.0	3.0	
46 47-SBT707030D	700	700	300	1.5	2.0	3.0	
47 47-SBT804015D	800	400	150	1.5	2.0	3.0	
48 47-SBT804020D	800	400	200	1.5	2.0	3.0	
49 47-SBT804025D	800	400	250	1.5	2.0	3.0	
50 47-SBT804030D	800	400	300	1.5	2.0	3.0	
51 47-SBT806015D	800	600	150	1.5	2.0	3.0	
52 47-SBT806020D	800	600	200	1.5	2.0	3.0	
53 47-SBT806025D	800	600	250	1.5	2.0	3.0	
54 47-SBT806030D	800	600	300	1.5	2.0	3.0	
55 47-SBT806040D	800	600	400	1.5	2.0	3.0	
56 47-SBT808015D	800	800	150	1.5	2.0	3.0	
57 47-SBT808020D	800	800	200	1.5	2.0	3.0	
58 47-SBT808025D	800	800	250	1.5	2.0	3.0	
59 47-SBT808030D	800	800	300	1.5	2.0	3.0	

Transparent Door Enclosures – SBTX Range

ITEM CODE	H	W	D	THICKNESS		
				ENCLOSURE	MOUNTING PLATE	TRANSPARENT WINDOW (POLYCARBONATE)
1 47-SBTX104015D	1000	400	150	1.5	2.0	3.0
2 47-SBTX106015D	1000	600	150	1.5	2.0	3.0
3 47-SBTX106020D	1000	600	200	1.5	2.0	3.0
4 47-SBTX106025D	1000	600	250	1.5	2.0	3.0
5 47-SBTX106030D	1000	600	300	1.5	2.0	3.0
6 47-SBTX106040D	1000	600	400	1.5	2.0	3.0
7 47-SBTX108015D	1000	800	150	1.5	2.0	3.0
8 47-SBTX108020D	1000	800	200	1.5	2.0	3.0
9 47-SBTX108025D	1000	800	250	1.5	2.0	3.0
10 47-SBTX108030D	1000	800	300	1.5	2.0	3.0
11 47-SBTX108040D	1000	800	400	1.5	2.0	3.0
12 47-SBTX101025D	1000	1000	250	1.5	2.0	3.0
13 47-SBTX101030D	1000	1000	300	1.5	2.0	3.0
14 47-SBTX126020D	1200	600	200	1.5	2.0	3.0
15 47-SBTX126025D	1200	600	250	1.5	2.0	3.0
16 47-SBTX126030D	1200	600	300	1.5	2.0	3.0
17 47-SBTX128015D	1200	800	150	1.5	2.0	3.0
18 47-SBTX128020D	1200	800	200	1.5	2.0	3.0
19 47-SBTX128025D	1200	800	250	1.5	2.0	3.0
20 47-SBTX128030D	1200	800	300	1.5	2.0	3.0
21 47-SBTX128040D	1200	800	400	1.5	2.0	3.0
22 47-SBTX121025D	1200	1000	250	1.5	2.0	3.0
23 47-SBTX121030D	1200	1000	300	1.5	2.0	3.0
24 47-SBTX146015D	1400	600	150	1.5	2.0	3.0
25 47-SBTX146020D	1400	600	200	1.5	2.0	3.0
26 47-SBTX146025D	1400	600	250	1.5	2.0	3.0
27 47-SBTX146030D	1400	600	300	1.5	2.0	3.0
28 47-SBTX146035D	1400	600	350	1.5	2.0	3.0
29 47-SBTX146040D	1400	600	400	1.5	2.0	3.0
30 47-SBTX148015D	1400	800	150	1.5	2.0	3.0
31 47-SBTX148020D	1400	800	200	1.5	2.0	3.0
32 47-SBTX148025D	1400	800	250	1.5	2.0	3.0
33 47-SBTX148030D	1400	800	300	1.5	2.0	3.0
34 47-SBTX148035D	1400	800	350	1.5	2.0	3.0
35 47-SBTX148040D	1400	800	400	1.5	2.0	3.0
36 47-SBTX141025D	1400	1000	250	1.5	2.0	3.0

Transparent Door Enclosures – SBTX Range							
ITEM CODE	H	W	D	THICKNESS			
				ENCLOSURE	MOUNTING PLATE	TRANSPARENT WINDOW (POLYCARBONATE)	
37 47-SBTX141030D	1400	1000	300	1.5	2.0	3.0	
38 47-SBTX141040D	1400	1000	400	1.5	2.0	3.0	
39 47-SBTX166015D	1600	600	150	1.5	2.0	3.0	
40 47-SBTX166020D	1600	600	200	1.5	2.0	3.0	
41 47-SBTX166025D	1600	600	250	1.5	2.0	3.0	
42 47-SBTX166030D	1600	600	300	1.5	2.0	3.0	
43 47-SBTX166035D	1600	600	350	1.5	2.0	3.0	
44 47-SBTX166040D	1600	600	400	1.5	2.0	3.0	
45 47-SBTX168015D	1600	800	150	1.5	2.0	3.0	
46 47-SBTX168020D	1600	800	200	1.5	2.0	3.0	
47 47-SBTX168025D	1600	800	250	1.5	2.0	3.0	
48 47-SBTX168030D	1600	800	300	1.5	2.0	3.0	
49 47-SBTX168035D	1600	800	350	1.5	2.0	3.0	
50 47-SBTX168040D	1600	800	400	1.5	2.0	3.0	
51 47-SBTX161030D	1600	1000	300	1.5	2.0	3.0	
52 47-SBTX161035D	1600	1000	350	1.5	2.0	3.0	
53 47-SBTX161040D	1600	1000	400	1.5	2.0	3.0	

Metal Enclosure Options & Accessories

Options

alfanar metal enclosures are designed and manufactured to cover most customers' requirements and suit the desired applications, the below design options are available upon request:

1. Canopy

47-SBCAN10030D	SER BOX CANOPY KIT 1000 X 300
47-SBCAN10040D	SER BOX CANOPY KIT 1000 X 400
47-SBCAN2515D	SER BOX CANOPY KIT 250 X 150
47-SBCAN3015D	SER BOX CANOPY KIT 300 X 150
47-SBCAN3020D	SER BOX CANOPY KIT 300 X 200
47-SBCAN4020D	SER BOX CANOPY KIT 400 X 200
47-SBCAN5020D	SER BOX CANOPY KIT 500 X 200
47-SBCAN6020D	SER BOX CANOPY KIT 600 X 200
47-SBCAN6025D	SER BOX CANOPY KIT 600 X 250
47-SBCAN6030D	SER BOX CANOPY KIT 600 X 300
47-SBCAN8020D	SER CANOPY 800X200
47-SBCAN8025D	SER CANOPY 800X250
47-SBCAN8030D	SER BOX CANOPY KIT 800 X300



2. Plinth for Freestanding Enclosures

47-SB-PL-12112040P	PLINTH 100H X 1200W X 400D PAINTED
47-SB-PL-12112030P	PLINTH 100H X 1200W X 300D PAINTED
47-SB-PL-12112025P	PLINTH 100H X 1200W X 250D PAINTED
47-SB-PL-12110040P	PLINTH 100H X 1000W X 400D PAINTED
47-SB-PL-12110030P	PLINTH 100H X 1000W X 300D PAINTED
47-SB-PL-12110025P	PLINTH 100H X 1000W X 250D PAINTED
47-SB-PL-1218040P	PLINTH 100H X 800W X 400D PAINTED
47-SB-PL-1218030P	PLINTH 100H X 800W X 300D PAINTED
47-SB-PL-1218025P	PLINTH 100H X 800W X 250D PAINTED



3. Internal Door

47-SBID-0310060D	INTERNAL DOOR 1000X600 KIT
47-SBID-0310080D	INTERNAL DOOR 1000X800 KIT
47-SBID-034040D	INTERNAL DOOR 400X400 KIT
47-SBID-035040D	INTERNAL DOOR 500X400 KIT
47-SBID-036040D	INTERNAL DOOR 600X400 KIT
47-SBID-036050D	INTERNAL DOOR 600X500 KIT
47-SBID-036060D	INTERNAL DOOR 600X600 KIT
47-SBID-037050D	INTERNAL DOOR 700X500 KIT
47-SBID-037060D	INTERNAL DOOR 700X600 KIT
47-SBID-038060D	INTERNAL DOOR 800X600 KIT
47-SBID-038080D	INTERNAL DOOR 800X800 KIT



*Note: other sizes and dimensions can be manufactured upon request.

4. Special Size Enclosures

alfanar metal enclosures can be designed with special sizes to accommodate various types of applications according to customer requirements and as per the minimum order quantity.



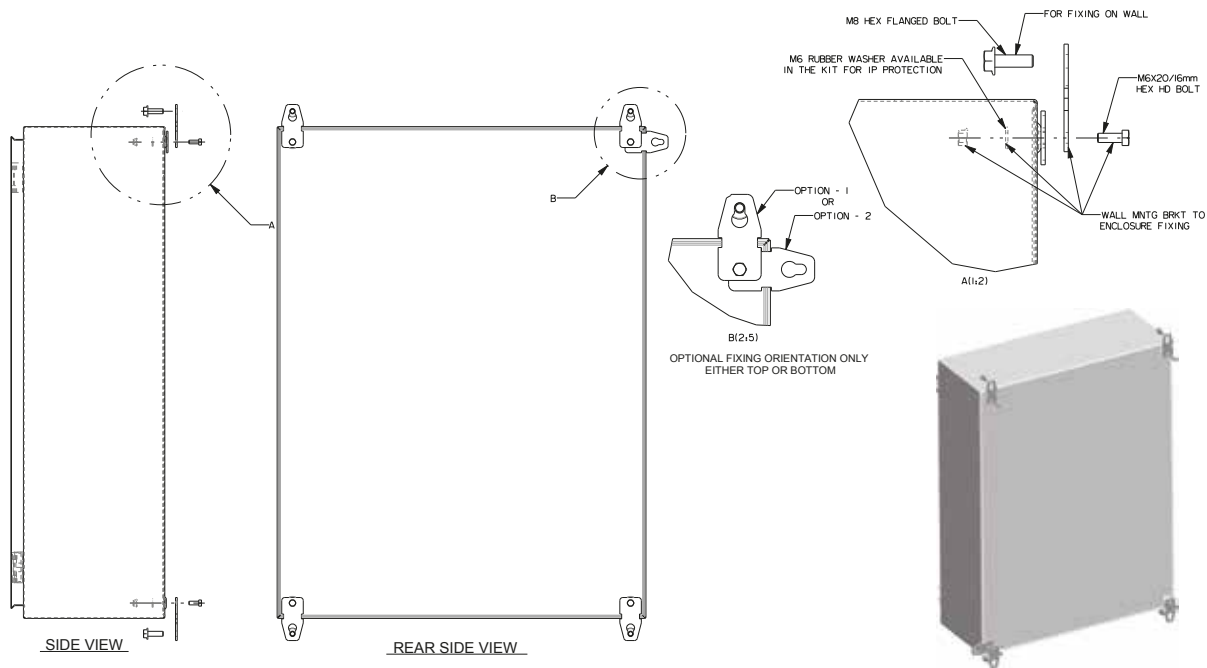
Metal Enclosure Options & Accessories

Accessories

alfanar metal enclosures come with an optional extensive range of easy-to-use accessories to provide time and labor savings during project execution. You can choose the required optional accessories that best suit your enclosure requirements.

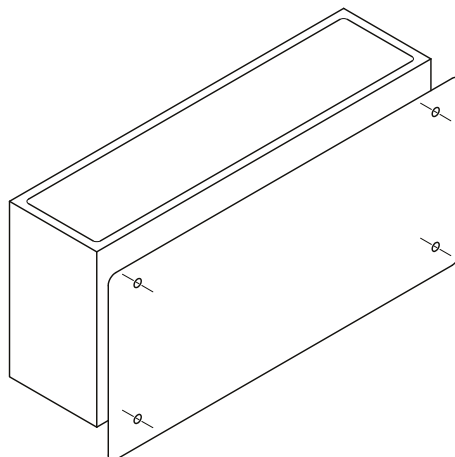
1. Wall Mounting Bracket

An option for the easy installation of the metal enclosure on site is the wall mounting bracket. The mounting bracket is designed to safely and easily hang the metal enclosure on the wall.



2. Gland Box

A gland box is similar to a metal enclosure but has a fixed cover instead of a door. The gland box is used in many electrical installation applications such as cable glanding, extension links, cable routing, etc. The gland box is IP65 protected and comes with both top and bottom entry with gland plates. alfanar standard gland boxes are designed for surface mounting only.



Gland Box					
ITEM CODE	H	W	D	THICKNESS	
				ENCLOSURE	
1	47-GB204020D	200	400	200	1.2
2	47-GB205020D	200	500	200	1.2
3	47-GB206020D	200	600	200	1.2
4	47-GB207020D	200	700	200	1.2
5	47-GB208020D	200	800	200	1.5
6	47-GB254020D	250	400	200	1.2
7	47-GB255020D	250	500	200	1.2
8	47-GB256020D	250	600	200	1.2
9	47-GB257020D	250	700	200	1.2
10	47-GB258020D	250	800	200	1.5
11	47-GB304020D	300	400	200	1.2
12	47-GB305020D	300	500	200	1.2
13	47-GB306020D	300	600	200	1.2
14	47-GB307020D	300	700	200	1.2
15	47-GB308020D	300	800	200	1.5
16	47-GB301020D	300	1000	200	1.5
17	47-GB204025D	200	400	250	1.2
18	47-GB205025D	200	500	250	1.2
19	47-GB206025D	200	600	250	1.2
20	47-GB207025D	200	700	250	1.2
21	47-GB208025D	200	800	250	1.5
22	47-GB201025D	200	1000	250	1.5
23	47-GB254025D	250	400	250	1.2
24	47-GB255025D	250	500	250	1.2
25	47-GB256025D	250	600	250	1.2
26	47-GB257025D	250	700	250	1.2
27	47-GB258025D	250	800	250	1.5
28	47-GB304025D	300	400	250	1.2
29	47-GB305025D	300	500	250	1.2
30	47-GB306025D	300	600	250	1.2
31	47-GB307025D	300	700	250	1.2
32	47-GB308025D	300	800	250	1.5
33	47-GB301025D	300	1000	250	1.5
34	47-GB306025D	300	600	300	1.2
35	47-GB307025D	300	700	300	1.2
36	47-GB308025D	300	800	300	1.5
37	47-GB301025D	300	1000	300	1.5

8. Extendable enclosures FORM-2 TYPE

alfanar Low Voltage Extendable enclosures are used for electrical power distribution, and control and automation systems, and are generally installed downstream of transformers or generators that contain the main and branch circuit breakers.



SPECIFICATIONS

- Made out high quality electro galvanized sheet metal
- Polyester powder coated in RAL7032 coarse texture finish
- Mounting plate made of hot dipped galvanized steel of 2mm thickness
- Plinth / Base made of high-quality electro galvanized steel 3.0mm thickness
- Framework made of high-quality hot dipped galvanized steel 2.0mm thickness
- Door made of high-quality electro galvanized steel 2.0mm thickness
- Complies with IEC 60529 / 62208 standards
- Ingress protection IP55
- Available in different colors upon request



Product Breakdown



Door Handle



Lifting hook



3-Point lock system

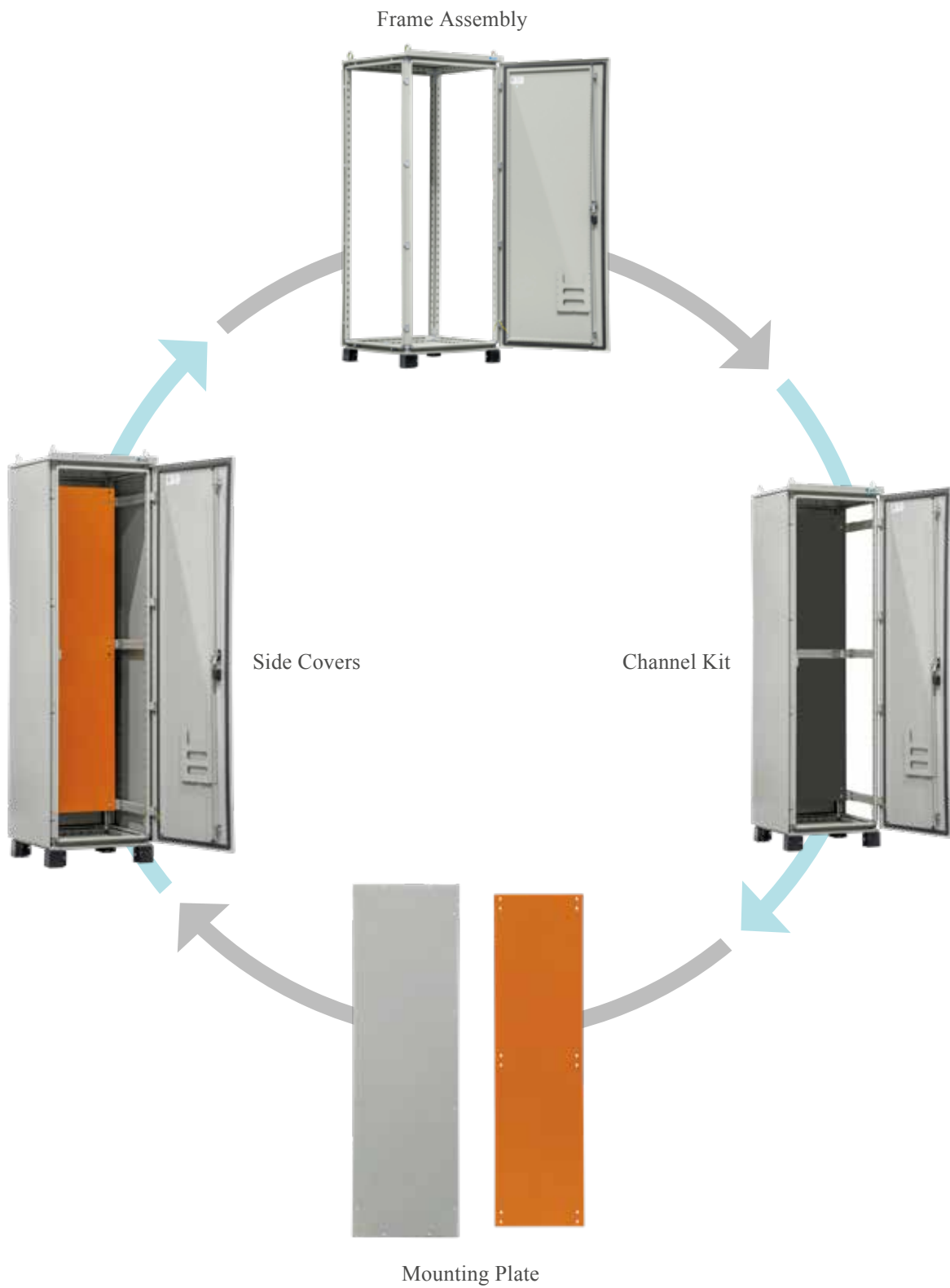


Earthing



Bottom Lever

Extendable Enclosure Parts



Extendable Enclosure Parts

1. Frame Assembly

	H	W	D	Ordering Code	Item Description
1	2150	1200	1000	53-EEK211210DD	EXT ENCL KIT 2150X1200X100 DOUBLE DOOR
2	2150	1200	800	53-EEK211280DD	EXT ENCL KIT 2150X1200X800 DOUBLE DOOR
3	2150	1200	600	53-EEK211260DD	EXT ENCL KIT 2150X1200X600 DOUBLE DOOR
4	2150	1000	1000	53-EEK211010SD	EXT ENCL KIT 2150X1000X1000 SINGLE DOOR
5	2150	1000	800	53-EEK211080SD	EXT ENCL KIT 2150X1000X800 SINGLE DOOR
6	2150	1000	600	53-EEK211060SD	EXT ENCL KIT 2150X1000X600 SINGLE DOOR
7	2150	800	800	53-EEK218080SD	EXT ENCL KIT 2150X800X800 SINGLE DOOR
8	2150	800	600	53-EEK218060SD	EXTENCLKIT 2150X800X600 SINGLE DOOR
9	2150	600	600	53-EEK216060SD	EXTENCLKIT 2150X600X600 SINGLE DOOR
10	2150	400	600	53-EEK214060SD	EXTENCLKIT 2150X400X600 SINGLE DOOR
11	2000	1200	1000	53-EEK201210DD	EXTENCL KIT 2000XU00X100 DOUBLE DOOR
12	2000	1200	800	53-EEK20U80DD	EXT ENCL KIT 2000X1200X800 DOUBLE DOOR
13	2000	1200	600	53-EEK201260DD	EXT ENCL KIT 2000X1200X600 DOUBLE DOOR
14	2000	1000	1000	53-EEK201010SD	EXT ENCL KIT 2000X1000X1000 SINGLE DOOR
15	2000	1000	800	53-EEK201080SD	EXT ENCL KIT 2000X1000X800SINGLE DOOR
16	2000	1000	600	53-EEK201060SD	EXT ENCL KIT 2000X1000X600 SINGLE DOOR
17	2000	800	800	53-EEK208080SD	EXT ENCL KIT 2000X800X800 SINGLE DOOR
18	2000	800	600	53-EEK208060SD	EXT ENCL KTI 2000X800X600 SINGLE DOOR
19	2000	600	600	53-EEK206060SD	EXT ENCL KIT 2000X600X600 SINGLE DOOR
20	2000	400	600	53-EEK204060SD	EXT ENCL KIT 2000X400X600 SINGLE DOOR



2. Channel Kit

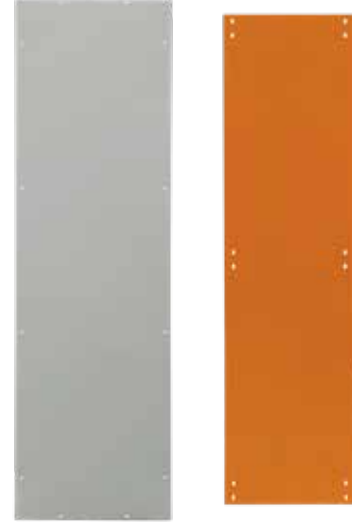
	W	D	Ordering Code	Item Description
1	1200	1000	53-EECK1210	EXT ENCL CHANNEL KIT 1200x1000
2	1200	800	53-EECK1280	EXT ENCL CHANNEL KIT 1200x800
3	1200	600	53-EECK1260	EXT ENCL CHANNEL KIT 1200x600
4	1000	1000	53-EECK1010	EXT ENCL CHANNEL KIT 1000x1000
5	1000	800	53-EECK1080	EXT ENCL CHANNEL KIT 1000x800
6	800	600	53-EECK1060	EXT ENCL CHANNEL KIT 1000x600
7	800	800	53-EECK8080	EXT ENCL CHANNEL KIT 800x800
8	800	600	53-EECK8060	EXT ENCL CHANNEL KIT 800x600
9	1000	800	53-EECK6060	EXT ENCL CHANNEL KIT 600x600
10	600	600	53-EECK4060	EXT ENCL CHANNEL KIT 400x600



Extendable Enclosure Parts

3. Mounting Plate

	H	W	Ordering Code	Item Description
1	2150	1200	53-EE2112MPA	EXT ENCL MTG PLT ORANGE 2150X1200
2	2150	1000	53-EE2110MPA	EXT ENCL MTG PLT ORANGE 2150X1000
3	2150	800	53-EE2180MPA	EXT ENCL MTG PLT ORANGE 2150X800
4	2150	600	53-EE2160MPA	EXT ENCL MTG PLT ORANGE 2150X600
5	2000	1200	53-EE2012MPA	EXT ENCL MTG PLT ORANGE 2000X1200
6	2000	1000	53-EE2010MPA	EXT ENCL MTG PLT ORANGE 2000X1000
7	2000	800	53-EE2080MPA	EXT ENCL MTG PLT ORANGE 2000X800
8	2000	600	53-EE2060MPA	EXT ENCL MTG PLT ORANGE 2000X600
9	2150	1200	53-EEMPGI2012	EXT ENCL GI MNTG PLATE 2000X1200
10	2150	1000	53-EEMPGI2010	EXT ENCL GI MNTG PLATE 2000X1000
11	2150	800	53-EEMPGI2080	EXT ENCL GI MNTG PLATE 2000X800
12	2150	600	53-EEMPGI2060	EXT ENCL GI MNTG PLATE 2000X600
13	2000	1200	53-EEMPGI2012	EXT ENCL GI MNTG PLATE 2000X1200
14	2000	1000	53-EEMPGI2010	EXT ENCL GI MNTG PLATE 2000X1000
15	2000	800	53-EEMPGI2080	EXT ENCL GI MNTG PLATE 2000X800
16	2000	600	53-EEMPGI2060	EXT ENCL GI MNTG PLATE 2000X600



4. Side Covers

	H	D	Ordering Code	Item Description
1	2150	1000	53-EESCK2110	EXT ENCL SIDE CVR KIT 2150X1000
2	2150	800	53-EESCK2180	EXT ENCL SIDE CVR KIT 2150X800
3	2150	600	53-EESCK2160	EXT ENCL SIDE CVR KIT 2150X600
4	2000	1000	53-EESCK2010	EXT ENCL SIDE CVR KIT 2000X1000
5	2000	800	53-EESCK2080	EXT ENCL SIDE CVR KIT 2000X800
6	2000	600	53-EESCK2060	EXT ENCL SIDE CVR KIT 2000X600



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alfanar JUNCTION BOXES



PARTNERSHIP

SAFETY

DURABILITY

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INTRODUCTION

A junction box is an integral part of every electrical installation system. This metal enclosure, with partially cutout sections called conduit knockouts, is used to protect the connection of the different types of wires and cables carrying electrical current.

The knockouts, which are usually circular in shape, create an opening to accommodate industry standard conduit sizes used in residential, commercial or industrial electrical system wiring applications.

alfanar Junction Boxes are made of the highest quality materials to provide the strength and durability required throughout their service life. The versatility, durability, and high-performance of alfanar Junction Boxes provide the protection required for electrical installations. Because of their ability to be either surface or flush mounted, alfanar Junction Boxes are widely used in electrical installations in residential, commercial and industrial buildings.

The junction boxes can also be used as a junction/distribution box to connect a number of conduits to contain all the required connections and terminations of the various types of electrical building wire and cables found in these installations.



PRODUCT BREAKDOWN



Earthing
Terminal



Keyhole for easy cover
fixing and removal



Round corners
no sharp edges



High quality
GI Steel Sheet

Double
knockouts

KEY FEATURES

1. Design

alfanar Junction Boxes and covers are manufactured from hot dipped galvanized steel sheet taking into consideration all the potential applications, industry standard conduit sizes and types, and accessories in the market to ensure flexibility of use and match a variety of installation requirements.



2. SAFETY

a. PROTECTION AGAINST ELECTRIC SHOCK

alfanar Junction Boxes can be equipped with either a brass or steel earth terminal to provide effective earth continuity by grounding the junction box to prevent accidental electrocution. The ingress protection rating, IP40, provides protection of equipment against dust and accidental contact .



b. NO SHARP EDGES

alfanar Junction Boxes are designed with round corners and no sharp edges to prevent injury to the user and damage to wires and conduit during installation or maintenance.



3. RELIABILITY

a. HIGH CORROSION RESISTANT MATERIAL

alfanar Junction Boxes are manufactured from hot dipped galvanized steel sheet (GI) that protects the steel surface from corrosion and scratching, thereby ensuring overall protection.

This feature, which has been validated by 6 cycles of 24 hours each to damp heat cycling test according to IEC 60068-2-30 and 2 cycles of 24 hours each to salt mist test according to IEC 60068-2-11, ensures alfanar Junction Boxes are resistant to the harsh atmospheric corrosive conditions.



b. MECHANICAL STRENGTH

alfanar Junction Boxes are designed and manufactured from steel sheet with a thickness of 0.9 mm up to 1.1mm to provide excellent durability and mechanical properties during installation and throughout the service life of the box.

Cover fixing screws are of the highest quality and a combination of "slot / Phillip Pan head" to allow the use of different screwdrivers. The lugs are threaded, making them reliable and resistant to damage even with frequent use.



4. INSTALLATION

a. COMPATIBILITY WITH VARIOUS CONDUIT SIZES

alfanar Junction Boxes are designed to facilitate a variety of electrical wiring installations.

Featuring an ample number of precut, double-size conduit knockouts on all sides to accommodate various industry standard conduit sizes and international standard glands, these knockouts can be easily removed even after the junction box is fixed on a wall. alfanar Junction Boxes are come with circular, rectangular, and double knockouts.

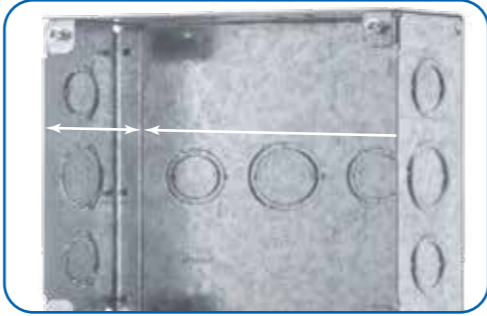


PRODUCT PORTFOLIO

b. SPACIOUS INTERNAL AREA

alfanar Junction Boxes are available in a variety of depths and sizes that provide a larger internal working space for comfortable wire installation and making connections and avoiding having to cram the wires inside the junction box.

Ease of accessibility for installation as well as for maintenance ensures the safety of the user.



c. QUICK ASSEMBLY & REMOVAL OF COVERS

The cover of alfanar Junction Boxes features a convenient time-saving design, allowing for fast and accurate installation. The practical design has a keyhole feature for easy removal and fixing of the cover without having to completely remove the screws during routine inspection and maintenance work.

By only partially loosening the screws, it prevents the user from dropping and losing the screws when working on the junction box. The covers also have rounded corners and smooth edges to prevent injury to a user.



5. TESTING

Extensive care is taken during the design and manufacturing stages of the alfanar Junction Boxes to ensure they are of the highest quality.

The junction boxes undergo strict quality control checks and routine verification tests to ensure they comply with the mentioned standards.



Rounded Corner Cover



Double Knockouts



Rounded Lugs



Special slot for easy removal of cover



Painted With Rectangular Knockouts

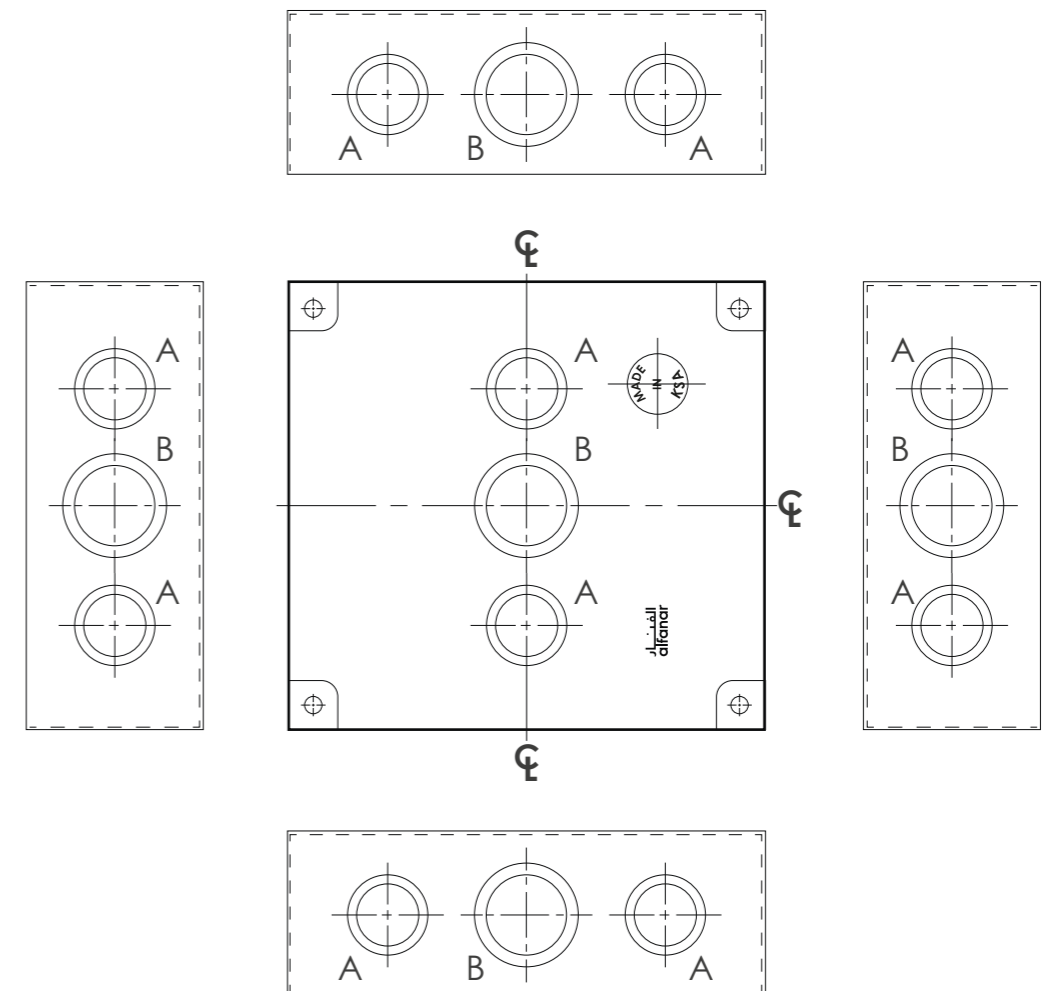
TECHNICAL SPECIFICATIONS

Technical Data	
Electrical	
Voltage range	120-440V AC
Frequency	50/60 Hz
Degree of protection	IP40 (NEMA 1)
Construction Features	
Material	Hot-Dipped Galvanized Steel Sheet (Corrosion Resistant)
Steel thickness	0.9mm / 1.1mm
Knockout sizes	- Double Knockout $\varnothing 20.5/26.5$ - Double Knockout $\varnothing 26.5/32.5$ 26x26mm rectangular knockouts for accommodating cutouts of various sizes as per requirement
Options / Varieties	<ul style="list-style-type: none"> • With steel earth terminals • With brass earth terminals • Rectangular knockouts • Painted • Special slot for easy removal of cover

AVAILABLE VARIETIES & ORDERING DETAILS

A-DOUBLE KNOCKOUT $\varnothing 20.5/\varnothing 26.5$

B-DOUBLE KNOCKOUT $\varnothing 26.5/\varnothing 32.5$



Notes:

- All dimensions are in mm.
- The details in this drawing indicate knockout positions for one type of Junction Box.

JUNCTION BOXES (55mm Depth)

Sl. No.	Description	Item code	Thickness	Depth	Accessory	Knockout 20.5/26.5	Knockout 26.5/32.5
1	J.BOX 100X100X55 0.9mm	31-011010	0.9	55	WOE	8	4
2	J.BOX 150X150X55 0.9mm	31-011515	0.9	55	WOE	10	5
3	J.BOX 200X200X55 0.9mm	31-012020	0.9	55	WOE	16	4
4	J.BOX 250X250X55 0.9mm	31-012525	0.9	55	WOE	12	8
5	J.BOX 300X300X55 0.9mm	31-013030	0.9	55	WOE	20	8
6	J.BOX 350X350X55 0.9mm	31-013535	0.9	55	WOE	24	12
7	J.BOX 450X450X55 0.9mm	31-014545	0.9	55	WOE	32	12
8	J.BOX 100X100X55 0.9mm WITH BRASS EARTH	31-011010BE	0.9	55	BE	8	4
9	J.BOX 150X150X55 0.9mm WITH BRASS EARTH	31-011515BE	0.9	55	BE	10	5
10	J.BOX 200X200X55 0.9mm WITH BRASS EARTH	31-012020BE	0.9	55	BE	16	4
11	J.BOX 250X250X55 0.9mm WITH BRASS EARTH	31-012525BE	0.9	55	BE	12	8
12	J.BOX 300X300X55 0.9mm WITH BRASS EARTH	31-013030BE	0.9	55	BE	20	8
13	J.BOX 350X350X55 0.9mm WITH BRASS EARTH	31-013535BE	0.9	55	BE	24	12
14	J.BOX 450X450X55 0.9mm WITH BRASS EARTH	31-014545BE	0.9	55	BE	32	12
15	J.BOX 100X100X55 1.1mm	31-061010	1.1	55	WOE	8	4
16	J.BOX 150X150X55 1.1mm	31-061515	1.1	55	WOE	10	5
17	J.BOX 200X200X55 1.1mm	31-062020	1.1	55	WOE	16	4
18	J.BOX 250X250X55 1.1mm	31-062525	1.1	55	WOE	12	8
19	J.BOX 300X300X55 1.1mm	31-063030	1.1	55	WOE	20	8
20	J.BOX 350X350X55 1.1mm	31-063535	1.1	55	WOE	24	12
21	J.BOX 450X450X55 1.1mm	31-064545	1.1	55	WOE	32	12
22	J.BOX 100X100X55 1.1mm WITH BRASS EARTH	31-061010BE	1.1	55	BE	8	4
23	J.BOX 150X150X55 1.1mm WITH BRASS EARTH	31-061515BE	1.1	55	BE	10	5
24	J.BOX 200X200X55 1.1mm WITH BRASS EARTH	31-062020BE	1.1	55	BE	16	4
25	J.BOX 250X250X55 1.1mm WITH BRASS EARTH	31-062525BE	1.1	55	BE	12	8
26	J.BOX 300X300X55 1.1mm WITH BRASS EARTH	31-063030BE	1.1	55	BE	20	8
27	J.BOX 350X350X55 1.1mm WITH BRASS EARTH	31-063535BE	1.1	55	BE	24	12
28	J.BOX 450X450X55 1.1mm WITH BRASS EARTH	31-064545BE	1.1	55	BE	32	12
29	J.BOX 100X100X55 mm WITH STEEL EARTH	31-011010SE	1.1	55	SE	8	4
30	J.BOX 150X150X55 mm WITH STEEL EARTH	31-011515SE	1.1	55	SE	10	5

Legend: • WOE: Without Earth
• BE: Brass Earth
• SE: Steel Earth

JUNCTION BOXES (75mm Depth)

Sl. No.	Description	Item code	Thickness	Depth	Accessory	Knockout 20.5/26.5	Knockout 26.5/32.5
1	J.BOX 100X100X75 0.9mm	31-021010	0.9	75	WOE	8	4
2	J.BOX 150X150X75 0.9mm	31-021515	0.9	75	WOE	10	5
3	J.BOX 200X200X75 0.9mm	31-022020	0.9	75	WOE	16	4
4	J.BOX 250X250X75 0.9mm	31-022525	0.9	75	WOE	12	8
5	J.BOX 300X300X75 0.9mm	31-023030	0.9	75	WOE	20	8
6	J.BOX 350X350X75 0.9mm	31-023535	0.9	75	WOE	24	12
7	J.BOX 450X450X75 0.9mm	31-024545	0.9	75	WOE	32	12
8	J.BOX 100X100X75 0.9mm WITH BRASS EARTH	31-021010BE	0.9	75	BE	8	4
9	J.BOX 150X150X75 0.9mm WITH BRASS EARTH	31-021515BE	0.9	75	BE	10	5
10	J.BOX 200X200X75 0.9mm WITH BRASS EARTH	31-022020BE	0.9	75	BE	16	4
11	J.BOX 250X250X75 0.9mm WITH BRASS EARTH	31-022525BE	0.9	75	BE	12	8
12	J.BOX 300X300X75 0.9mm WITH BRASS EARTH	31-023030BE	0.9	75	BE	20	8
13	J.BOX 350X350X75 0.9mm WITH BRASS EARTH	31-023535BE	0.9	75	BE	24	12
14	J.BOX 450X450X75 0.9mm WITH BRASS EARTH	31-024545BE	0.9	75	BE	32	12
15	J.BOX 100X100X75 1.1mm	31-071010	1.1	75	WOE	8	4
16	J.BOX 150X150X75 1.1mm	31-071515	1.1	75	WOE	10	5
17	J.BOX 200X200X75 1.1mm	31-072020	1.1	75	WOE	16	4
18	J.BOX 250X250X75 1.1mm	31-072525	1.1	75	WOE	12	8
19	J.BOX 300X300X75 1.1mm	31-073030	1.1	75	WOE	20	8
20	J.BOX 350X350X75 1.1mm	31-073535	1.1	75	WOE	24	12
21	J.BOX 450X450X75 1.1mm	31-074545	1.1	75	WOE	32	12
22	J.BOX 100X100X75 1.1mm WITH BRASS EARTH	31-071010BE	1.1	75	BE	8	4
23	J.BOX 150X150X75 1.1mm WITH BRASS EARTH	31-071515BE	1.1	75	BE	10	5
24	J.BOX 200X200X75 1.1mm WITH BRASS EARTH	31-072020BE	1.1	75	BE	16	4
25	J.BOX 250X250X75 1.1mm WITH BRASS EARTH	31-072525BE	1.1	75	BE	12	8
26	J.BOX 300X300X75 1.1mm WITH BRASS EARTH	31-073030BE	1.1	75	BE	20	8
27	J.BOX 350X350X75 1.1mm WITH BRASS EARTH	31-073535BE	1.1	75	BE	24	12
28	J.BOX 450X450X75 1.1mm WITH BRASS EARTH	31-074545BE	1.1	75	BE	32	12

Legend: • WOE: Without Earth
• BE: Brass Earth
• SE: Steel Earth

JUNCTION BOXES (100mm Depth)

Sl. No.	Description	Item code	Thickness	Depth	Accessory	Knockout 20.5/26.5	Knockout 26.5/32.5
1	J.BOX 100X100X100 0.9mm	31-031010	0.9	100	WOE	8	4
2	J.BOX 150X150X100 0.9mm	31-031515	0.9	100	WOE	10	5
3	J.BOX 200X200X100 0.9mm	31-032020	0.9	100	WOE	16	4
4	J.BOX 250X250X100 0.9mm	31-032525	0.9	100	WOE	12	8
5	J.BOX 300X300X100 0.9mm	31-033030	0.9	100	WOE	20	8
6	J.BOX 350X350X100 0.9mm	31-033535	0.9	100	WOE	24	12
7	J.BOX 450X450X100 0.9mm	31-034545	0.9	100	WOE	32	12
8	J.BOX 300X200X100 0.9mm	31-032010	0.9	100	WOE	14	5
9	J.BOX 100X100X100 0.9mm BRASS EARTH	31-031010BE	0.9	100	BE	8	4
10	J.BOX 150X150X100 0.9mm BRASS EARTH	31-031515BE	0.9	100	BE	10	5
11	J.BOX 200X200X100 0.9mm BRASS EARTH	31-032020BE	0.9	100	BE	16	4
12	J.BOX 250X250X100 0.9mm BRASS EARTH	31-032525BE	0.9	100	BE	12	8
13	J.BOX 300X300X100 0.9mm BRASS EARTH	31-033030BE	0.9	100	BE	20	8
14	J.BOX 350X350X100 0.9mm BRASS EARTH	31-033535BE	0.9	100	BE	24	12
15	J.BOX 450X450X100 0.9mm BRASS EARTH	31-034545BE	0.9	100	BE	32	12
16	J.BOX 300X200X100 0.9mm BRASS EARTH	31-032010BE	0.9	100	BE	14	5
17	J.BOX 100X100X100 1.1mm	31-081010	1.1	100	WOE	8	4
18	J.BOX 150X150X100 1.1mm	31-081515	1.1	100	WOE	10	5
19	J.BOX 200X200X100 1.1mm	31-082020	1.1	100	WOE	16	4
20	J.BOX 250X250X100 1.1mm	31-082525	1.1	100	WOE	12	8
21	J.BOX 300X300X100 1.1mm	31-083030	1.1	100	WOE	20	8
22	J.BOX 350X350X100 1.1mm	31-083535	1.1	100	WOE	24	12
23	J.BOX 450X450X100 1.1mm	31-084545	1.1	100	WOE	32	12
24	J.BOX 300X200X100 1.1mm	31-082010	1.1	100	WOE	14	5
25	J.BOX 100X100X100 1.1mm BRASS EARTH	31-081010BE	1.1	100	BE	8	4
26	J.BOX 150X150X100 1.1mm BRASS EARTH	31-081515BE	1.1	100	BE	10	5
27	J.BOX 200X200X100 1.1mm BRASS EARTH	31-082020BE	1.1	100	BE	16	4
28	J.BOX 250X250X100 1.1mm BRASS EARTH	31-082525BE	1.1	100	BE	12	8
29	J.BOX 300X300X100 1.1mm BRASS EARTH	31-083030BE	1.1	100	BE	20	8
30	J.BOX 350X350X100 1.1mm BRASS EARTH	31-083535BE	1.1	100	BE	24	12
31	J.BOX 450X450X100 1.1mm BRASS EARTH	31-084545BE	1.1	100	BE	32	12
32	J.BOX 300X200X100 1.1mm BRASS EARTH	31-082010BE	1.1	100	BE	14	5

Legend: • WOE: Without Earth
• BE: Brass Earth
• SE: Steel Earth

JUNCTION BOXES

(100mm Depth with Rectangular Knockouts)

Sl. No.	Description	Item code	Thickness	Depth	Accessory	Knockout 20.5/26.5	Knockout 26.5/32.5	REC Knockout 26/26
1	J.BOX 100X100X100 0.9mm REC K/O	31-031010R	0.9	100	WOE	6	2	8
2	J.BOX 150X150X100 0.9mm REC K/O	31-031515R	0.9	100	WOE	6	3	16
3	J.BOX 200X200X100 0.9mm REC K/O	31-032020R	0.9	100	WOE	8	2	24
4	J.BOX 250X250X100 0.9mm REC K/O	31-032525R	0.9	100	WOE	6	4	32
5	J.BOX 300X300X100 0.9mm REC K/O	31-033030R	0.9	100	WOE	10	4	40
6	J.BOX 350X350X100 0.9mm REC K/O	31-033535R	0.9	100	WOE	12	6	48
7	J.BOX 450X450X100 0.9mm REC K/O	31-034545R	0.9	100	WOE	16	6	64

Legend: • WOE: Without Earth
• BE: Brass Earth
• SE: Steel Earth
• REC K/O: Rectangular Knockouts

JUNCTION BOXES

(100mm Depth with Rectangular Knockouts painted RAL7035)

Sl. No.	Description	Item code	Thickness	Depth	Accessory	Knockout 20.5/26.5	Knockout 26.5/32.5	REC Knockout 26/26
1	J.BOX 100X100X100 0.9mm REC K/O	31-031010RP	0.9	100	WOE	6	2	8
2	J.BOX 150X150X100 0.9mm REC K/O	31-031515RP	0.9	100	WOE	6	3	16
3	J.BOX 200X200X100 0.9mm REC K/O	31-032020RP	0.9	100	WOE	8	2	24
4	J.BOX 250X250X100 0.9mm REC K/O	31-032525RP	0.9	100	WOE	6	4	32
5	J.BOX 300X300X100 0.9mm REC K/O	31-033030RP	0.9	100	WOE	10	4	40
6	J.BOX 350X350X100 0.9mm REC K/O	31-033535RP	0.9	100	WOE	12	6	48
7	J.BOX 450X450X100 0.9mm REC K/O	31-034545RP	0.9	100	WOE	16	6	64

Legend: • WOE: Without Earth
• BE: Brass Earth
• SE: Steel Earth
• REC K/O: Rectangular Knockouts

Free Maintenance Service at Home for alfanar Products

Switches, Sockets, Distribution Boards, & Circuit Breakers



Our customer satisfaction rate was 94.4%
on services delivered by our Technical Support team.

Notes

A series of horizontal dotted lines for taking notes.

Customer Service
800-124-1333

Scan the QR code
to learn more about our
free maintenance service





Scan the QR to download the catalogue



157296_Jan.2023



alfanar Switch Boxes



safety...
durability



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Introduction

alfanar has a long history of manufacturing safe and reliable electrical products. We use the highest quality materials for our switch boxes to provide the mechanical strength and durability required throughout their service life.

The registered design of **alfanar**'s switch boxes simplifies electrical wiring connections and accessory installations.

Their versatility and high-performance reliability make them ideal for residential and commercial building installation.

To ensure end user safety and confidence, our switch boxes comply with national and international standards, and are type tested as per SASO 2945:2020 and BS4662.



Application

alfanar switch boxes are widely used for the installation of wiring and accessories in residential, commercial and industrial buildings. Their easy installation features simplify connections and increase installation productivity while providing safe and reliable electrical performance.

Product Features

1. Design

Registered Design



Registered in KACST (King Abdulaziz City for Science and Technology, the Saudi Arabia industrial design certifying authority to prevent design infringement).

3. Reliability

a. High corrosion resistant enclosure and internal parts



To protect against corrosion, our switch boxes are fabricated using high quality hot-dipped Galvanized steel sheet material.

This process has been validated using the Salt Spray test to ensure the functionality of the switch boxes under the harshest atmospheric corrosive conditions.

2. Safety

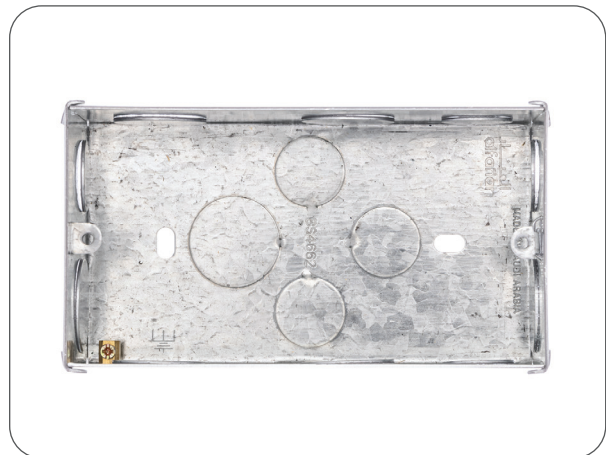
Protection against electric shock



Effective earth continuity is ensured in our switch boxes, for varieties that include brass or steel terminals, to protect operators against any possible electrical shock.

Earth terminals are pivoted to ensure tightness and earth continuity.

b. Mechanical strength



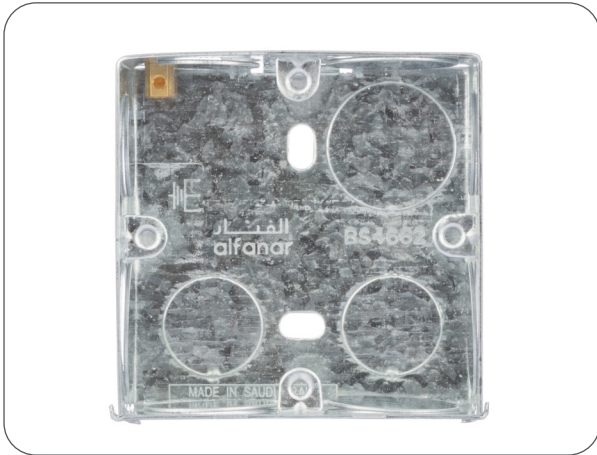
Switch boxes are designed and manufactured to ensure adequate mechanical strength during installation and durability throughout their service life.

Furthermore, the lugs have threaded hole which increases their reliability and resistance to damage even after multiple use.

Product Features

4. Installation

a. Knockouts



Knockouts are designed to handle multiple sized conduits and glands of international standards. They can be easily removed with little effort even after the switch boxes have been installed on walls. **alfanar** switch boxes have smooth edges that won't damage the conduits and wires or injure the user.

b. Adjustable lug



alfanar switch boxes include adjustable lugs which are useful in aligning accessories and their overall placement on walls, giving your accessories a neater, balanced look.

c. Switch boxes with coupler(s)

Switch boxes with coupler(s) are used for perfect alignment and to maintain a uniform gap between wiring accessories to give them an elegant look.



1. Two-module: Two switch boxes connected by special **alfanar** coupler



2. Three-module: Three switch boxes connected by special **alfanar** couplers



3. Four-module: Four switch boxes connected by special **alfanar** couplers

d. Cement guard

Cement guards are included in **alfanar** switch boxes to protect the product from cement deposit during installation.

The cement guards also keep the switch boxes clean for the installation of the wires and accessories.

Cement guards save time and installation effort compared to previous methods.



Product Features

5. Type Testing

a. Design and manufacturing

Extensive care is taken during the designing and manufacturing stages of switch boxes to ensure the safety of the end user. **alfanar** switch boxes are type tested as per SASO 2945:2020 and BS4662.

b. Routine tests

Each of our products undergo strict quality control checks as per the routine verification tests mentioned in the standard.

c. Certificates

TEST CERTIFICATE

DEKRA

Issued to: Alfancar Electrical Systems
Madinet alfancar
3rd Industrial City, P.O. Box 564,
Riyadh: 11383 Saudi Arabia

Subject: Type testing

For the product: Box for flush mounting of electrical accessories

Trade name: Alfancar / Alf

Type/Model: the box is provided with adjustable lug having brass earth terminal

Sizes: (in mm): (7x7-35D)
(7x7x47D)
(7x14x35D)
(7x14x47D)
0,9 to 1,1 mm thickness

Manufacturer/
Production sites
Alfancar Electrical Systems
Madinet alfancar
3rd Industrial City, P.O. Box 564,
Riyadh: 11383 Saudi Arabia

Alfancar Electrical Systems L.L.C.
Dubai Investment Park 1
P.O. Box 282735,
Dubai,
United Arab Emirates

Requirements: BS 4662:2006 + A1:2009

Remarks: The products comply with the above mentioned requirements

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 2217001.50.

The examination has been carried out on one set of three specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Amhem, 24 July 2017 Number: 2217001.02

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

F.S. Strikwerda
Certification Manager

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T +31 88 96 83000 F +31 88 96 83100 www.dekra-certification.com Company registration 09085396

TEST CERTIFICATE

DEKRA

Issued to: Alfancar Electrical Systems
Madinet alfancar
3rd Industrial City, P.O. Box 564,
Riyadh: 11383 Saudi Arabia

Subject: Type testing

For the product: Box for flush mounting of electrical accessories

Trade name: Alfancar / Alf

Type/Model: the box is provided with fixed lug having steel earth terminal

Sizes: (in mm): (7x7-35D)
(7x7x47D)
(7x14x35D)
(7x14x47D)
0,9 to 1,1 mm thickness

Manufacturer/
Production sites
Alfancar Electrical Systems
Madinet alfancar
3rd Industrial City, P.O. Box 564,
Riyadh: 11383 Saudi Arabia

Alfancar Electrical Systems L.L.C.
Dubai Investment Park 1
P.O. Box 282735,
Dubai,
United Arab Emirates

Requirements: BS 4662:2006 + A1:2009

Remarks: The products comply with the above mentioned requirements

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 2217001.50.

The examination has been carried out on one set of three specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Amhem, 24 July 2017 Number: 2217001.04

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

F.S. Strikwerda
Certification Manager

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DEKRA Certification B.V. Meander 1051, 6825 MJ Amhem, P.O. Box 5186, 6802 ED Amhem, The Netherlands
T +31 88 96 83000 F +31 88 96 83100 www.dekra-certification.com Company registration 09085396

Technical Specifications

Technical Data

Standard SASO 2945:2020 and BS4662.

Electrical

Voltage range 120-440V AC

Frequency 50/60 Hz

Construction Features

Material Hot-Dipped Galvanized Steel Sheet (Corrosion Resistant)

Steel thickness 0.9mm / 1.1mm

Knockout sizes \varnothing 20.5 / \varnothing 26.5

Features / Varieties:

1. With Brass Earth Terminal
2. With Steel Earth Terminal*
3. With Adjustable Lug(s)
4. With Coupler(s)
5. Without Earth Terminal*
6. With Provision for Earth*

Dimensions

1. 72(h) x 72(w) x 35(d)mm
2. 72(h) x 72(w) x 47(d)mm
3. 72(h) x 132(w) x 35(d)mm
4. 72(h) x 132(w) x 47(d)mm

(*) Available only for export market



Available Varieties and Ordering Details

Switch box W: 72 mm, L: 72 mm, D: 35 mm

Legend:

- BE: Brass Earth
- SE: Steel Earth*
- CG: Cement Guard
- ADL: Adjustable Lug
- PE: Provision for Earth terminal*
- WE: Without Earth*

(*) Available only for export market



No.	Item code	Steel Thickness	Accessory	Knockout details
1	30-010707EXG	0.9 mm	WE, CG	5X20.5 + 6X26.5 mm
2	30-010707G	0.9 mm	WE, CG	5X20.5 + 6X26.5 mm
3	30-010707D	0.9 mm	WE, CG	5X20.5 + 6X26.5 mm
4	30-020707G	0.9 mm	SE, CG	5X20.5 + 6X26.5 mm
5	30-020707D	0.9 mm	SE, CG	7X20.5 + 4X26.5 mm
6	30-020707MG	0.9 mm	SE, CG	7X20.5 + 4X26.5 mm
7	30-030707G	0.9 mm	BE, CG	5X20.5 + 6X26.5 mm
8	30-030707D	0.9 mm	BE, CG	7X20.5 + 4X26.5 mm
9	30-030707MG	0.9 mm	BE, CG	7X20.5 + 4X26.5 mm
10	30-060707G	0.9 mm	BE, ADL, CG	5X20.5 + 6X26.5 mm
11	30-060707D	0.9 mm	BE, ADL, CG	6X20.5 + 5X26.5 mm
8	30-150707G	0.9 mm	PE, ADL	5X20.5 + 6X26.5 mm
9	30-P10707G	0.9 mm	PE, CG	5X20.5 + 6X26.5 mm
10	30-P10707I	0.9 mm	PE	5X20.5 + 6X26.5 mm
11	30-P10707MG	0.9 mm	PE, CG	7X20.5 + 4X26.5 mm
12	30-PS10707G	0.9 mm	PE, CG	11X20.5 mm
13	30-PS10707I	0.9 mm	PE	2X20.5 + 9X26.5 mm
14	30-070707G	1.1 mm	WE, CG	5X20.5 + 6X26.5 mm
15	30-090707G	1.1 mm	BE, CG	5X20.5 + 6X26.5 mm
16	30-120707G	1.1 mm	BE, ADL, CG	6X20.5 + 5X26.5 mm
17	30-120707G2ADJ	1.1 mm	BE, 2 ADL, CG	5X20.5 + 6X26.5 mm
18	30-BS120707D	1.1 mm	BE, ADL, CG	7X20.5 + 4X26.5 mm

Available Varieties and Ordering Details

Switch box W: 132 mm, L: 72 mm, D: 35 mm

Legend:

BE:	Brass Earth
SE:	Steel Earth*
CG:	Cement Guard
ADL:	Adjustable Lug
PE:	Provision for Earth terminal*
WE:	Without Earth*



(*) Available only for export market

No.	Item code	Steel Thickness	Accessory	KO details
1	22-020714G	0.9 mm	SE, CG	11X20.5 + 3X26.5 mm
2	30-010714G	0.9 mm	WE, CG	11X20.5 + 3X26.5 mm
3	30-020714G	0.9 mm	SE, CG	11X20.5 + 3X26.5 mm
4	30-030714G	0.9 mm	BE, CG	11X20.5 + 3X26.5 mm
5	30-060714G	0.9 mm	BE, ADL, CG	11X20.5 + 3X26.5 mm
6	30-150714G	0.9 mm	SE, ADL, CG	8X20.5 + 6X26.5 mm
7	30-P10714G	0.9 mm	PE, CG	11X20.5 + 3X26.5 mm
8	30-PS10714G	0.9 mm	PE, CG	14X20.5 mm
9	30-070714G	1.1 mm	WE, CG	11X20.5 + 3X26.5 mm
10	30-090714G	1.1 mm	BE, CG	11X20.5 + 3X26.5 mm
11	30-120714G	1.1 mm	BE, ADL, CG	11X20.5 + 3X26.5 mm

Switch box W: 72 mm, L: 72 mm, D: 47 mm

Legend:

BE:	Brass Earth
SE:	Steel Earth*
CG:	Cement Guard
ADL:	Adjustable Lug
PE:	Provision for Earth terminal*
WE:	Without Earth*



(*) Available only for export market

No.	Item code	Steel Thickness	Accessory	KO details
1	30-200707G	0.9 mm	PE, CG	5X20.5 + 6X26.5 mm
2	30-230707G	0.9 mm	BE, CG	5X20.5 + 6X26.5 mm
3	30-260707G	0.9 mm	BE, ADL, CG	5X20.5 + 6X26.5 mm
4	30-260707G-WOJ	0.9 mm	BE, ADL, CG	6X20.5 + 5X26.5 mm
5	30-270707G	0.9 mm	WE, ADL, CG	5X20.5 + 6X26.5 mm
6	30-330707G	1.1 mm	BE, CG	6X20.5 + 5X26.5 mm
7	30-360707G	1.1 mm	BE, ADL, CG	6X20.5 + 5X26.5 mm
8	30-360707G2ADJ	1.1 mm	BE, 2 ADL, CG	6X20.5 + 5X26.5 mm
9	30-360707SPLG	1.1 mm	BE, ADL, CG	2X20.5 + 9X26.5 mm

Switch box W: 132 mm, L: 72 mm, D: 47 mm

Legend:

BE:	Brass Earth
SE:	Steel Earth*
CG:	Cement Guard
ADL:	Adjustable Lug
PE:	Provision for Earth terminal*
WE:	Without Earth*



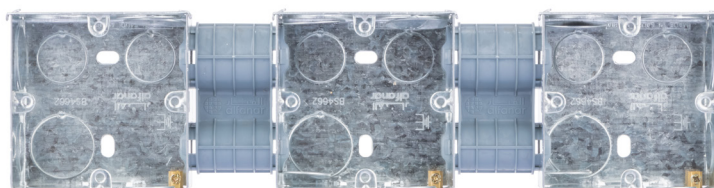
(*) Available only for export market

No.	Item code	Steel Thickness	Accessory	KO details
1	30-200714G	0.9 mm	WE, CG	7X20.5 + 7X26.5 mm
2	30-230714G	0.9 mm	BE, CG	7X20.5 + 7X26.5 mm
3	30-260714G	0.9 mm	BE, ADL, CG	7X20.5 + 7X26.5 mm
4	30-330714G	1.1 mm	BE, CG	7X20.5 + 7X26.5 mm
5	30-360714G	1.1 mm	BE, ADL, CG	7X20.5 + 7X26.5 mm
6	30-360714SPLG	1.1 mm	BE, ADL, CG	3X20.5 + 11X26.5 mm

Switch box with Coupler W: 72 mm, L: 72 mm, D: 35 mm

Legend:

BE:	Brass Earth
SE:	Steel Earth*
CG:	Cement Guard
ADL:	Adjustable Lug
COUPLER:	Plastic coupler between boxes
PE:	Provision for Earth terminal*
WE:	Without Earth*



(*) Available only for export market

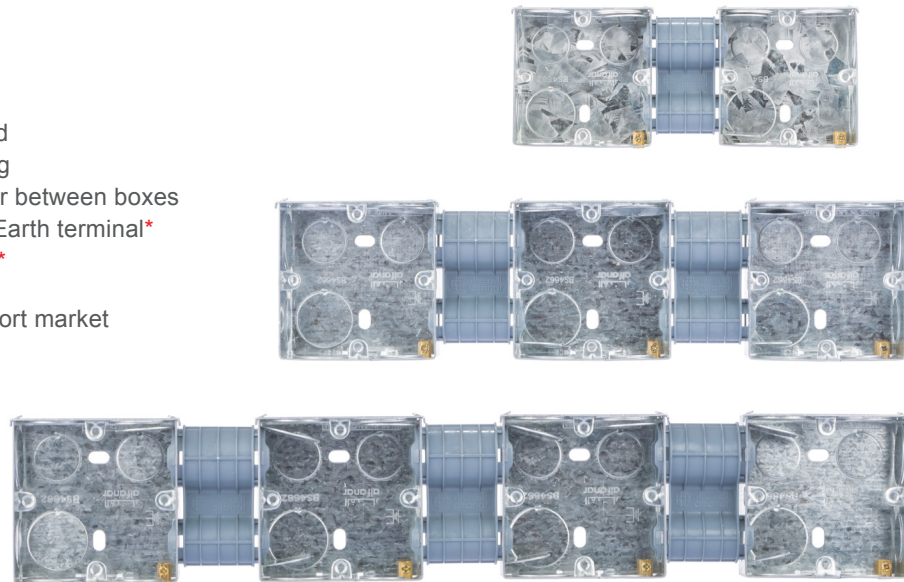
No.	Item code	Steel Thickness	Accessory	KO details
1	30-0107072CG	0.9 mm	WE, Coupler, CG	5X20.5 + 6X26.5 mm
2	30-0107073CG	0.9 mm	WE, Coupler, CG	5X20.5 + 6X26.5 mm
3	30-0107074CG	0.9 mm	WE, Coupler, CG	5X20.5 + 6X26.5 mm
4	30-0307072CG	0.9 mm	BE, Coupler, CG,	5x20.5 + 6x26.5 mm
5	30-0307073CG	0.9 mm	BE, Coupler, CG,	5x20.5 + 6x26.5 mm
6	30-0307074CG	0.9 mm	BE, Coupler, CG,	5x20.5 + 6x26.5 mm
7	30-0907072CG	1.1 mm	BE, Coupler, CG	5x20.5 + 6x26.5 mm
8	30-0907073CG	1.1 mm	BE, Coupler, CG	5x20.5 + 6x26.5 mm
9	30-0907074CG	1.1 mm	BE, Coupler, CG	5x20.5 + 6x26.5 mm

Switch box with Coupler W: 72 mm, L: 72 mm, D: 47 mm

Legend:

BE: Brass Earth
 SE: Steel Earth*
 CG: Cement Guard
 ADL: Adjustable Lug
 COUPLER: Plastic coupler between boxes
 PE: Provision for Earth terminal*
 WE: Without Earth*

(*) Available only for export market

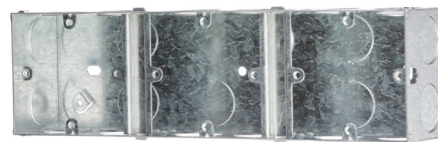


No.	Item code	Steel Thickness	Accessory	KO details
1	30-200702CG	0.9 mm	Coupler, CG	5X20.5 + 6X26.5 mm
2	30-200703CG	0.9 mm	Coupler, CG	5X20.5 + 6X26.5 mm
3	30-200704CG	0.9 mm	Coupler, CG	5X20.5 + 6X26.5 mm
4	30-230702CG	0.9 mm	BE, Coupler, CG	5x20.5 + 6x26.5 mm
5	30-230703CG	0.9 mm	BE, Coupler, CG	5x20.5 + 6x26.5 mm
6	30-230704CG	0.9 mm	BE, Coupler, CG	5x20.5 + 6x26.5 mm
7	30-330702CG	1.1 mm	BE, Coupler, CG	5x20.5 + 6x26.5 mm
8	30-330703CG	1.1 mm	BE, Coupler, CG	5x20.5 + 6x26.5 mm
9	30-330704CG	1.1 mm	BE, Coupler, CG	5x20.5 + 6x26.5 mm

Bridge Switch Box* L: 72 mm, D: 47 mm

Legend:

PE: Provision for Earth Terminal



No.	Item code	Numer of Modules	Width	Steel Thickness	Accessory	KO details
1	30-PS724712M	2	158 mm	0.9 mm	PE	16x26.5 mm
2	30-PS724713M	3	244 mm	0.9 mm	PE	22x26.5 mm
3	30-PS724714M	4	330 mm	0.9 mm	PE	28x26.5 mm

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on services delivered by our Technical Support Team

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to learn more about our
free maintenance service



Notes

A series of horizontal dotted lines for writing notes.



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156895_DEC.2024



Masa

Switches & Sockets





Edge of excellence

with a modern design Complete solution
of wiring accessories range

◆ Premium & Elegant

Elevate your Decor with Slim Switches
Curved and slim profile.



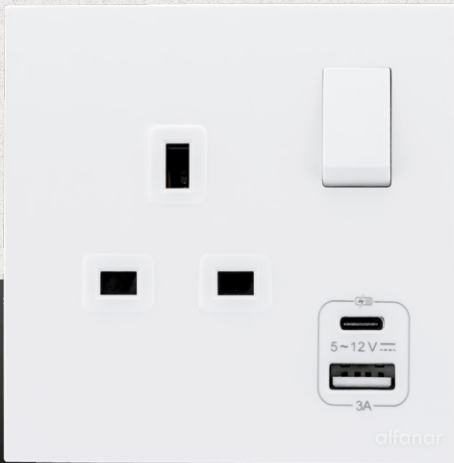


◆ **Powered
with confidence**

New design for easier,
quicker and stable installation

◆ USB Type

A+C ports with power
delivery feature



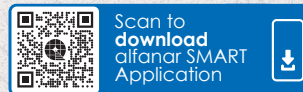
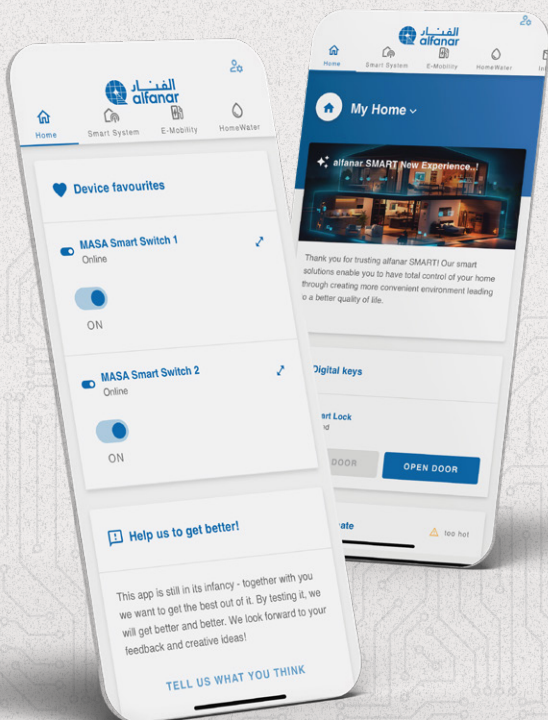
Masa Smart



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to

App
Total Control



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Multiple choices of colors for you



Masa

Switches & Sockets

ORDERING TIP

To construct an order code, add the color code to the product code.

Example:

RBF201 is the product code for a 16A 1W switch 2 Gang

7X7 and **SG** is the color code for the Silver Glossy.

The order code will be: **RBF201-SG**

STANDARD COLORS



White



Black
BG



Silver
SG

ADDITIONAL COLORS

*Based on Special Request



Pearl
PL



Silver matt
SM



Champagne
CH



Gold matt
GM



Stainless steel
SSG



Gold glossy
GG



Brass
BS



Copper matt
COM



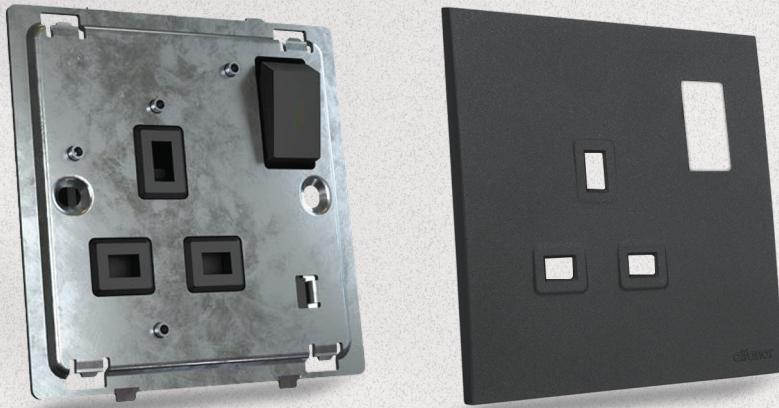
Pink
PK



Alpine Green AF23
GN

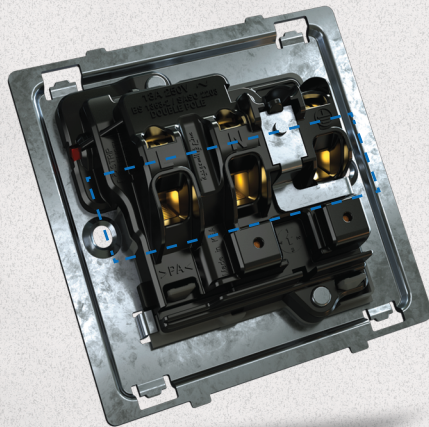
◆ Superior Quality

We ensure the superior quality of our products by using engineered robust thermoplastic that is durable, flexible, and the resilience to withstand hard impacts, flame retardant and built to last.



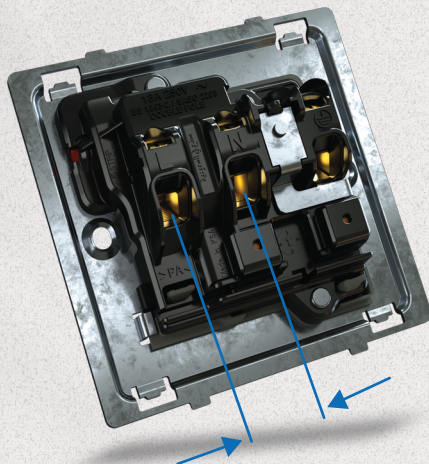
◆ Inline Terminals

Inline terminals provide easy wiring and installation.



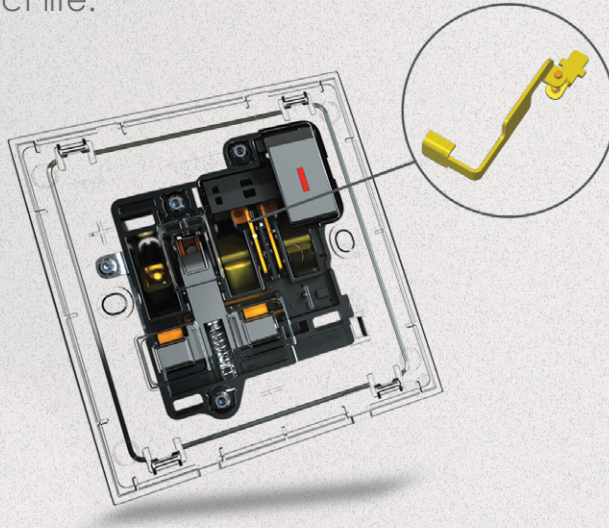
◆ Easy Installation

More spacing between L & N terminal provides more reliability and easy wire installation.



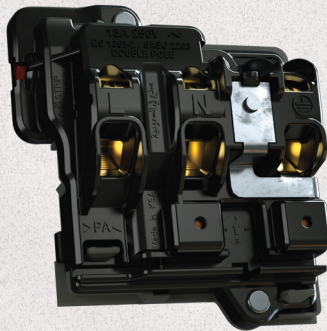
◆ **Make/Break**

Silver alloy rivet contacts are used in make / break areas, which helps in contact life.



◆ **Cable Terminal Funnel Shape**

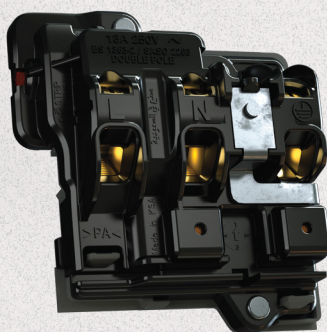
Funnel shape provided in socket housing for easy cable insertion.



◆ **High Conductivity Copper Cleats**

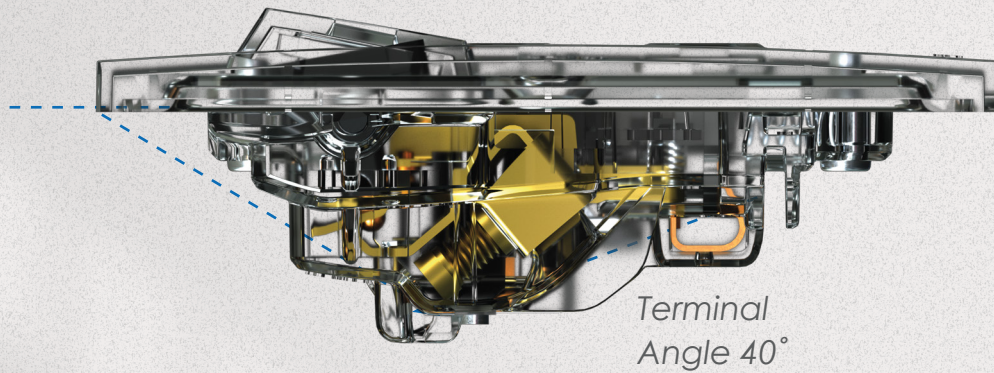
Made from the highest purity of copper alloys to ensure high efficiency transmission of electric current, with minimal heat generation.

This extends the life of the product and reduces the risk of electrical fires.



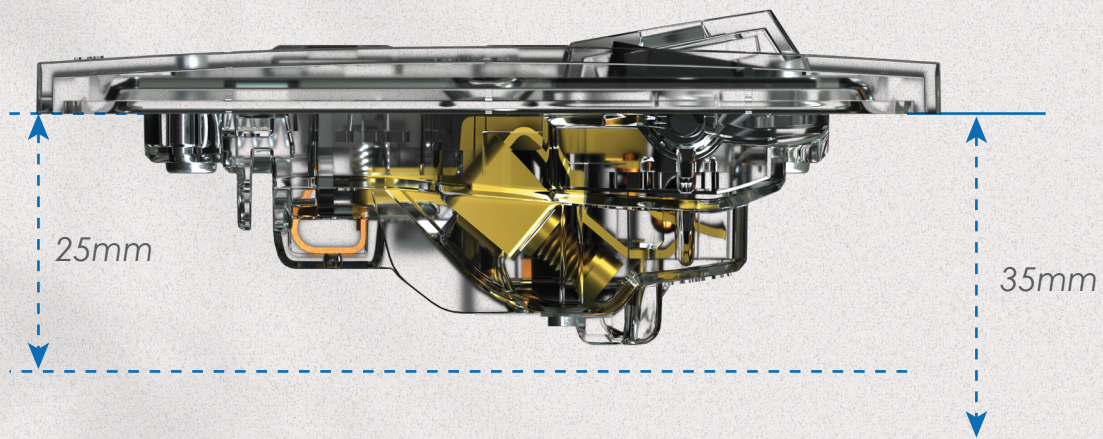
◆ Angled Terminals

Top mounted terminal screws to simplify wiring for easy installation.



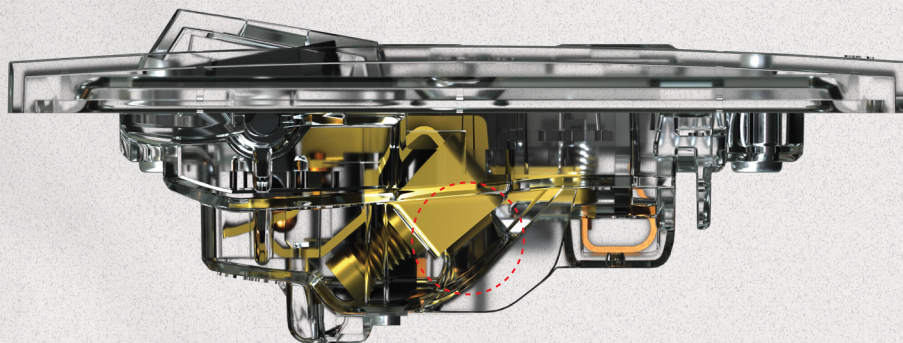
◆ Wiring Space

Compact design, allows the product with >5mm ID height fits in 25mm box



◆ Anti-Loosening Mechanism

The socket's inner copper contacts are made of phosphor bronze, skillfully crafted to maintain its flexibility and compression with the plug terminals, preventing loosening over time and extend the product's life.





Masa Smart

Switch Features:

Seamless Integration

- Works effortlessly with any Z-Wave gateway.

Customizable Control

- Offers support for additional Z-Wave configuration parameters as detailed in the manual.

Comprehensive Protection

- Includes built-in short circuits, surge, thermal, and input over-voltage protection.

High-Power Handling

- Capable of managing high-voltage loads up to 16A with a reliable relay and zero-crossing detection for extended lifespan.



Robust Performance

- Built with the latest Z-Wave 800 Series chipset for a stable and responsive mesh network.

Quality Assurance

- Proudly made in Saudi Arabia with high-grade (PC-V0, FR) and a thin design.

Enhanced Security

- Features the advanced Z-Wave S2 security protocol and Smart Start for easy, secure setup.

Certified Reliability

- Z-Wave Plus certified and compliant with IEC 60669-2 standards.

Lighting & Bell Switches

16A (BS EN 60669-1 / SASO IEC 60669-1 / IEC60669-1)



RBF101 / RBF102



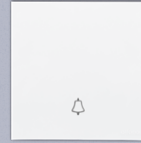
RBF201 / RBF202



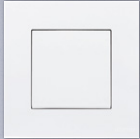
RBF301 / RBF302



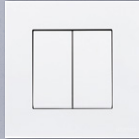
RBF401 / RBF402



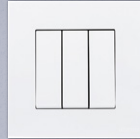
RBF103



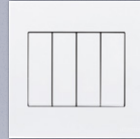
RBW101 / RBW102



RBW201 / RBW202



RBW301 / RBW302



RBW401 / RBW402



RBW103



RBW2401 / RBW2402

RBF101
MASA FBR 16AX 1W SWITCH
1GANG 7X7

RBF102
MASA FBR 16AX 2W SWITCH
1GANG 7X7

RBF201
MASA FBR 16AX 1W SWITCH
2GANG 7X7

RBF202
MASA FBR 16AX 2W SWITCH
2GANG 7X7

RBF301
MASA FBR 16AX 1W SWITCH
3GANG 7X7

RBF302
MASA FBR 16AX 2W SWITCH
3GANG 7X7

RBF401
MASA FBR 16AX 1W SWITCH
4GANG 7X7

RBF402
MASA FBR 16AX 2W SWITCH
4GANG 7X7

RBF103
MASA FBR 16A BELL SWITCH
1GANG 7X7

RBW101
MASA WR 16AX 1W SWITCH
1GANG 7X7

RBW102
MASA WR 16AX 2W SWITCH
1GANG 7X7

RBW201
MASA WR 16AX 1W SWITCH
2GANG 7X7

RBW202
MASA WR 16AX 2W SWITCH
2GANG 7X7

RBW301
MASA WR 16AX 1W SWITCH
3GANG 7X7

RBW302
MASA WR 16AX 2W SWITCH
3GANG 7X7

RBW401
MASA WR 16AX 1W SWITCH
4GANG 7X7

RBW402
MASA WR 16AX 2W SWITCH
4GANG 7X7

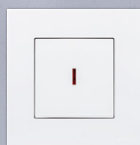
RBW103
MASA WR 16A BELL SWITCH
1GANG 7X7

RBW2401
MASA WR 16AX 1W SWITCH
2GANG 7X14

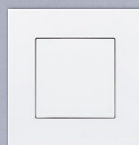
RBW2402
MASA WR 16AX 2W SWITCH
2GANG 7X14

Water Heater & Air Conditioner Switches

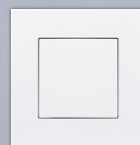
20A & 45A (BS EN 60669-1 / SASO IEC 60669-1 / IEC60669-1)



RBW104



RBW117



RBW118



RN17



RN18



RN17-PR02



RN18-PR02

RBW104
MASA WR 20A DP SWITCH W/INDI
1GANG 7X7

RBW117
MASA WR 20A INTERMEDIAT
SWITCH 1GANG 7X7

RBW118
MASA WR 20A 2WAY SWITCH
1GANG 7X7

RN17
MASA WR 45A DP SWITCH
W/INDICATOR 1G 7X7

RN18
MASA WR 45A DP SWITCH
W/INDICATOR 7X14

RN17-PR02
MASA WR 45A DP SWITCH A/C
PRINT 1G 7X7

RN18-PR02
MASA WR 45A DP SWITCH A/C
PRINT 7X14

LED Dimmer and Fan Regulator

Dimmer (SASO IEC 60669-1) Fan Regulator (IEC 60875)



RB196



RB230

RB196

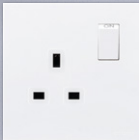
MASA 100W 240V 50/60HZ LED DIM
1G 7X7

RB230

MASA 80W 50/60 Hz 240V FAN
REGULATOR 360D 1G 7X7

Power Socket Outlets RCD Socket and USB Solutions

13A (BS 1363 & SASO 2203) 13A RCD (BS 7288 & SASO IEC 62640)



RN12



RN13



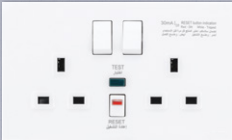
RN23



RN67



RN50



RN51



RN124



RN125

RN12

MASA 13A 250V DP SWITCHED
SOCKET 1G 7X7

RN13

MASA 13A 250V DP SWITCHED
SOCKET 2G 7X14

RN23

MASA 13A 250V DP SWTSKT W/IND
1G 7X7

RN67

MASA 13A 250V DP SWTSKT W/INDI
2G 7X14

RN50

MASA 13A DP SWSKT RCD 30mA
LATCH 1G 7X7

RN51

MASA 13A DP SWSKT RCD 30mA
LATCH 2G 7X14

RN124

MASA 13A 240V DP SWSKT + 20W
USB A+C 1G 7X7

RN125

MASA 13A 240V DP SWSKT + 20W
USB A+C 2G 7X14

◆ Data / Telephone Outlets Satellite Outlets

BS 5733 (where applicable)



RB110



RB106



RB206



RB20637



RB20610



RB20689

RB110

MASA SATELLITE ANGULAR
SOCKET 1G 7X7

RB106

MASA AMERICAN TELE RJ11
6P6C 1G 7X7

RB206

MASA AMERICAN TELE RJ11
6P6C 2G 7X7

RB20637

MASA RJ11 6P6C + RJ45 CAT6
SKT 1G 7X7

RB20610

MASA RJ11 6P6C SKT + SAT
ANG SKT 1G 7X7

RB20689

MASA RJ11 6P6C + RJ45
CAT6A SKT 1G 7X7

◆ Data / Telephone Outlets

BS 5733 (where applicable)



RB119



RB219



RB137



RB189



RB237



RB289



RB23710



RB21937



RB21910



RB21989

RB119

MASA AMERICAN TELE RJ11
6P4C 1G 7X7

RB219

MASA AMERICAN TELE RJ11
6P4C 2G 7X7

RB137

MASA DATA RJ45 CAT6
SOCKET 1G 7X7

RB189

MASA RJ45 CAT6A DATA
SOCKET 1G 7X7

RB237

MASA DATA RJ45 CAT6
SOCKET 2G 7X7

RB289

MASA RJ45 CAT6A DATA
SOCKET 2G 7X7

RB23710

MASA RJ45 CAT6 SKT + SAT
ANG SKT 1G 7X7

RB21937

MASA RJ11 6P6C + RJ45 CAT6
SKT 1G 7X7

RB21910

MASA RJ11 6P4C + SAT ANGULAR
SOCKET 1G 7X7

RB21989

MASA RJ11 6P6C + RJ45
CAT6A SKT 1G 7X7

◆ Euro Media Plates/ Card Switches Connection Units / Flex outlets

Media Plates (BS 5733) Card Switches (SASO IEC 60669-2-3) FCU (BS 1363) DP Switches with Flex-outlets (SASO IEC 60669-1)



RNE01



RNE02



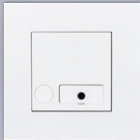
RNE04



RN56



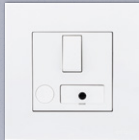
RN122



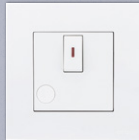
RN123



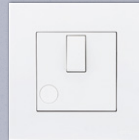
RN94



RN95



RN111



RN112

RNE01
MASA WR MEDIA PLATE 25X50 7X7

RNE02
MASA WR MEDIA PLATE 50X50 7X7

RNE04
MASA WR MEDIA PLATE 100X50
7X14

RN56
MASA CARD SWITCH PH 16A 250V
1G 7X7

RN122
MASA 13A 250V UNSWITCHED FCU
INDICATOR 1G 7X7

RN123
MASA 13A 250V UNSWITCHED FCU
1G 7X7

RN94
MASA 13A 250V DP SWITCH FCU
W/INDI 1G 7x7

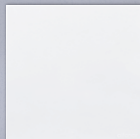
RN95
MASA 13A 250V DP SWITCH FCU
1G 7x7

RN111
MASA 20A 250V DP SWITCHED
W/FLEX & IND 1G 7X7

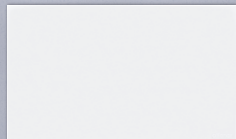
RN112
MASA 20A 250V DP SWITCH W/FLEX
1G 7X7

◆ Blank Plates

BS 5733



RB108



RB2408

RB108
MASA BLANK PLATE 1GANG
7x7

RB2408
MASA BLANK PLATE 2GANG
7x14

◆ *Export Items

BS5733 , IEC 60884, IEC 60947-3

RN69
MASA 15A 250V SWITCHED
SOCKET 1G 7X7

RN118
MASA 16A 250V SWITCHED
INTERNATIONAL SWSKT 1G 7X7

RN126
MASA 1G 16A UNSWITCHED
INTERNATIONAL SOCKET 7x7

RB105
MASA BRITISH TEL MASTER SKT
25X50 1G 7X7

RB114
MASA BRITISH TELE SLAVE SKT
25X50 1G 7X7

RN113
MASA WR 10AX 3P FAN ISOLATOR
SWITCH 1G 7X7

(*) Available only for export market
Not available for KSA

◆ Masa SMART



SZWRBF101



SZWRBF201



SZWRBF301



SZWRBF196

SZWRBF101

Masa Smart Switch 1 Gang 7x7

SZWRBF201

Masa Smart Switch 2 Gang 7x7

SZWRBF301

Masa Smart Switch 3 Gang 7x7

SZWRBF196

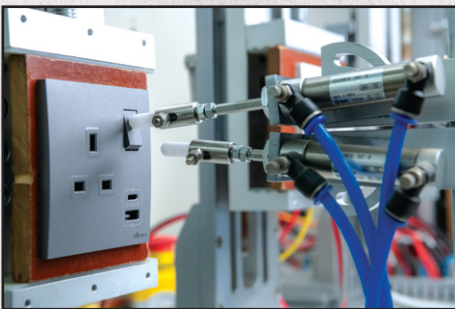
Masa Smart Dimmer 1 Gang 7x7

◆ Quality Tests:



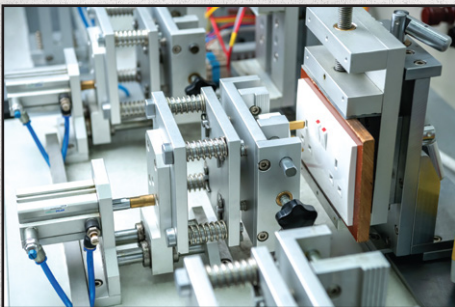
◆ Switch Endurance Test

40,000 Operations with rated voltage and rated current



◆ Switched Socket Endurance Test

30,000 Operations with rated voltage and rated current



◆ Plug and Socket Endurance test

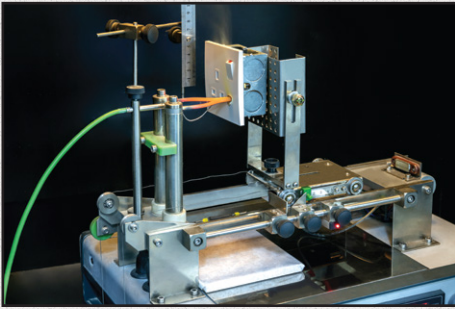
30,000 Operations with rated voltage and rated current



◆ USB Mechanical Endurance test

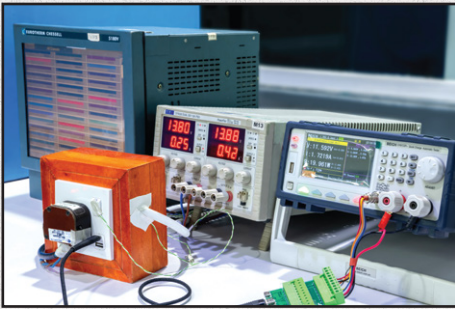
Up to 20,000 mechanical operations

◆ Quality Tests:



◆ Flame Retardant Test

Glow wire test up to 850°C



◆ Temperature Rise Test

Switches & Sockets shall not attain excessive temperature



◆ Resistance to Humidity Test

Testing the effects of humidity on products

FREE MAINTENANCE SERVICE at Site for alfanar Products

Switches, Sockets, Distribution Boards, & Circuit Breakers



✦ In 2024 96%

Customer Satisfaction Rate on service delivered by our Technical Support Team

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173396_SEP.2025