



**metal and polyester**  
**INDUSTRIAL enclosures**  
**2014 catalogue**



Quality products

# metal and polyester INDUSTRIAL enclosures

1st EDITION

2 | 0 | 1 | 4

IDE reserves the right to alter or modify references or characteristics of any of its products, if needed it by any technical improvement, standards modifications or logistic purposes, and without prior notification.



\* See series

## I DIVISIÓN ELÉCTRICA, S.A.

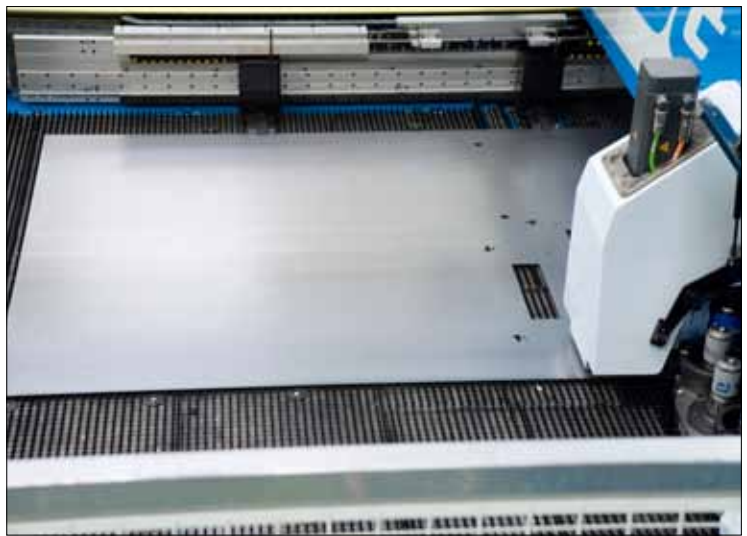
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Quality products



I Division Electrica S.A. (IDE) is a company based in Spain which operates in the international electrical market. We manufacture plastic and metal enclosures as well as plugs and sockets for low voltage distribution and for the telecommunication sector. Internationally patented items are used in all IDE products.

IDE was founded in 1987. Since then we have been committed to innovation. Investments let us achieve our high quality products, widely appreciated in the international markets.

After over 20 years IDE has become recognized as one of the leader manufacturers of electrical material. Thanks to its technically experienced staff and its customer service IDE has reached one of the strongest positions in the market with a wide loyal client portfolio.



# ■ metal&polyesterBOARDS

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# Argenta

## ■ IP66 WALL MOUNTING METAL CABINETS

The ARGENTA Series is a group of mild steel and stainless steel enclosures used to house on the inside electrical or electronic switchgear, controlgear and equipment necessary to supply and distribute electricity.

Mainly meant for industrial electrical installations as enclosures for measurement, transmission, signposting control equipment or enclosures for all the equipment necessary to coordinate the different electrical currents. The ARGENTA is made up of a wide range of standard models, manufactured in opaque and transparent door version.

The design and manufacture of this product line is flexible enough so as to adapt to special executions that require specific dimensions in agreement with user and installation requirements. Enclosures made with high quality materials in cold-rolled steel plate of up to 2 mm thick and coated with RAL 7035 hardened epoxy-polyester paint and in stainless steel glazed finished.

This series is completed with a set of accessories like mounting plates, inner doors, canopies, elevation eyebolts, ventilation systems, etc.



## ARGENTA TECHNICAL DATA



■ degree of protection:	
single door cabinet:	<b>IP66 / NEMA 1, 12, 4</b>
double door cabinet:	<b>IP55 / NEMA 1, 12</b>
■ resistance to impact:	
opaque door:	<b>IK10</b>
transparent door:	<b>IK09</b>
■ range of temperature under normal conditions:	<b>-25°C/+40°C</b>
■ maximum operation voltage:	<b>1000 V AC.</b>
■ materials:	<b>Galvanized steel RAL7035</b>


According to low tension directive 2006/95/CE Norms: UNE-EN 62208 and UNE-EN 60439-1-3 (in the affected part).  
Certificate UL508A.  
Bureau Veritas under norms EN62208:2003 y EN60529 (only for single door cabinets).

## ARGENTA ATEX

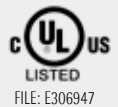


### TECHNICAL DATA

■ degree of protection:	
galvanized steel single door cabinet:	<b>IP66 / NEMA 1, 12, 4</b>
stainless steel single door cabinet:	<b>IP66 / NEMA 1, 12, 4x</b>
■ resistance to impact:	<b>IK10</b>
■ range of temperature under normal conditions:	<b>-25°C/+60°C</b>
■ maximum operation voltage:	<b>1000 V AC.</b>
■ materials:	
galvanized steel:	<b>RAL7035</b>
stainless steel cabinet:	<b>AISI 304L</b>

According to low tension directive 2006/95/CE Norms: UNE-EN62208 and UNE-EN60439-1-3 (in the affected part)  
Certificate LOM 12ATEX3060U; directivas ATEX94/9/CE y normas EN60079-0, EN60079-7 y EN60079-31.  
0163  II 2GD - Ex e IIC Gb - Ex tb IIIC Db

## ARGENTA INOX



### TECHNICAL DATA

■ degree of protection:	
single door cabinet:	<b>IP66 / NEMA 1, 12, 4x</b>
double door cabinet:	<b>IP55 / NEMA 1, 12</b>
■ resistance to impact:	<b>IK10</b>
■ range of temperature under normal conditions:	<b>-25°C/+40°C</b>
■ maximum operation voltage:	<b>1000 V AC.</b>
■ materials:	<b>Stainless steel AISI 304L</b>

According to low tension directive 2006/95/CE Norms: UNE-EN 62208 and UNE-EN 60439-1-3 (in the affected part)  
Certificate UL508A.

The technical features described above are achieved using the components and the accessories supplied by IDE, mounted and assembled according to the corresponding technical guidelines and instruction sheets.

# technical FEATURES



## METAL CABINET

Dimensions available:

- Height: from 250 to 1.400 mm
- Width: from 200 to 1.200 mm
- Depth: from 150 to 400 mm

## ATEX CABINET (METAL AND STAINLESS STEEL)

Dimensions available:

- Height: from 300 to 1.000 mm
- Width: from 200 to 800 mm
- Depth: from 150 to 300 mm

## INOX CABINET

Dimensions available:

- Height: from 300 to 1.200 mm
- Width: from 200 to 1.000 mm
- Depth: from 150 to 300 mm

## CASE

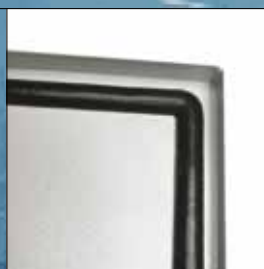
Double fold to prevent water from entering the inside of the cabinet



Bolts placed in the cabinet case and in the door, allowing the link by earth and guaranteeing connectivity between door and base of cabinet



Watertightness gasket to ensure the IP66 protection degree



## DOORS



110° door opening



Easy to assemble bolt with anti-lost system



Reinforcement profiles for opaque doors permitting the assembly of devices to the door. 25 mm separation between the holes



Centring device included inside the cabinets of 600 mm and 1400 mm. This piece avoids eventual deviations caused by the weight of the electrical elements included inside the cabinets





## ATEX ATMOSPHERES CLASSIFICATION

APPLICATION	Hazardous area category	Zones	Atmosphere
<b>GROUP I Mining</b>	M1 y M2	Gas and Dust (G and D)	
<b>GROUP II Industrial (non-mining)</b>	1. Continuous or for long periods	Zone 0: Gas, vapour and mist	G
		Zone 20: Dusts	D
	2. Occasional	Zone 1: Gas, vapour and mist	G
		Zone 21: Dusts	D
	3. Short periods only	Zone 2: Gas, vapour and mist	G
		Zone 22: Dusts	D


All cabinets destined for hazardous areas should be labelled indicating in which area they can be used and the protection they can offer. Classification into groups and zones under Directive 99/92/CE.

## TECHNICAL FEATURES

Optimised opening and closing			M6 earth connection bolts on door and body
M6 rivet nut for earthing			M6 rivet nuts for attaching the 4 wall hangers included in the unit

## LABELLING

**0163:** Organisation reference number

 ATEX symbol according to directive

**II:** Equipment for different mining facilities with hazardous areas.

**2:** Product category

**GD:** Gas and dust

**Ex:** Product is ATEX compliant

**e:** Protection type: Increased safety

**IIC:** Gas type: Hydrogen and similar.

**Gb/Db:** Protection against dust and gas for non-electrical equipment. "Control of ignition sources"

**tb:** Type of protection: "Enclosure"

**IIIC:** Powder type. "Conducting"

	<b>ATX604025</b>	Reference number
0163	 II 2 GD -Ex e IIC Gb	EC type certification number
	Ex tb IIIC Db	Usage temperature
	<b>LOM 12ATEX 3060U</b>	IDE manufacturing number
<b>600X400X250</b>	<b>-20°C / +60°C</b>	MADE IN SPAIN
<b>IP66</b>	<b>ARGENTA ATEX</b>	
<b>IEC/EN 62208 RoHS</b>		
<b>O.F.Nº. 111110959-06/11</b>		
07/01		

Degree of protection



# IP66 WALL MOUNTING METAL CABINETS (PLAIN PLATE INCLUDED) SINGLE DOOR



Commercial Ref.		Dimensions (mm) (A x B x C)	Cable entries (D x E)	Locks number	Hinges number
OPAQUE door	TRANSPARENT door				
GN252015	GNT252015	250 x 200 x 150	80 x 150	1	2
GN252515	GNT252515	250 x 250 x 150	80 x 150	1	2
GN302015	GNT302015	300 x 200 x 150	80 x 150	1	2
GN302515	GNT302515	300 x 250 x 150	80 x 150	1	2
GN302520	GNT302520	300 x 250 x 200			
GN303015	GNT303015	300 x 300 x 150	80 x 200	1	2
GN303020	GNT303020	300 x 300 x 200	140 x 230		
GN304015	GNT304015	300 x 400 x 150	80 x 300		
GN304020	GNT304020	300 x 400 x 200	140 x 300		
GN403015	GNT403015	400 x 300 x 150	80 x 200		
GN403020	GNT403020	400 x 300 x 200	140 x 230		
GN404015	GNT404015	400 x 400 x 150	80 x 300	1	2
GN404020	GNT404020	400 x 400 x 200	140 x 300		
GN404025	GNT404025	400 x 400 x 250			
GN406020	GNT406020	400 x 600 x 200	140 x 500	1	2
GN406025	GNT406025	400 x 600 x 250			
GN406030	GNT406030	400 x 600 x 300			
GN503015	GNT503015	500 x 300 x 150	80 x 200	2	2
GN503020	GNT503020	500 x 300 x 200	140 x 230		
GN503025	GNT503025	500 x 300 x 250			
GN504015	GNT504015	500 x 400 x 150	80 x 300	2	2
GN504020	GNT504020	500 x 400 x 200	140 x 300		
GN504025	GNT504025	500 x 400 x 250			
GN504030	GNT504030	500 x 400 x 300			
GN505015	GNT505015	500 x 500 x 150	80 x 300	2	2
GN505020	GNT505020	500 x 500 x 200	140 x 300		
GN505025	GNT505025	500 x 500 x 250	140 x 400		
GN505030	GNT505030	500 x 500 x 300			
GN507020	GNT507020	500 x 700 x 200			
GN604015	GNT604015	600 x 400 x 150	80 x 300	2	2
GN604020	GNT604020	600 x 400 x 200	140 x 300		
GN604025	GNT604025	600 x 400 x 250			
GN604030	GNT604030	600 x 400 x 300			
GN605015	GNT605015	600 x 500 x 150	80 x 300	2	2
GN605020	GNT605020	600 x 500 x 200	140 x 400	2	2
GN605025	GNT605025	600 x 500 x 250			
GN605030	GNT605030	600 x 500 x 300			
GN606020	GNT606020	600 x 600 x 200			
GN606025	GNT606025	600 x 600 x 250			
GN606030	GNT606030	600 x 600 x 300			
GN606040	GNT606040	600 x 600 x 400			
GN608030	GNT608030	600 x 800 x 300	140 x 700	2	2
GN705015	GNT705015	700 x 500 x 150	80 x 300	2	2
GN705020	GNT705020	700 x 500 x 200	140 x 400		
GN705025	GNT705025	700 x 500 x 250			
GN804020	GNT804020	800 x 400 x 200	140 x 300	2	3
GN804025	GNT804025	800 x 400 x 250			
GN804030	GNT804030	800 x 400 x 300			
GN806020	GNT806020	800 x 600 x 200	140 x 500	2	3
GN806025	GNT806025	800 x 600 x 250			
GN806030	GNT806030	800 x 600 x 300			
GN806040	GNT806040	800 x 600 x 400			

IP66 / NEMA 1,12, 4

For transparent doors, please ask for delivery terms.

Continues on next page



## IP66 WALL MOUNTING METAL CABINETS SINGLE DOOR (PLAIN PLATE INCLUDED)



IP66 / NEMA 1,12, 4

For transparent doors, please ask for delivery terms.

3P: Three-point lock

Commercial Ref.		Dimensions (mm) (A x B x C)	Cable entries (D x E)	Locks number	Hinges number
OPAQUE door	TRANSPARENT door				
GN808020	GNT808020	800 x 800 x 200	140 x 700	2	3
GN808025	GNT808025	800 x 800 x 250			
GN808030	GNT808030	800 x 800 x 300			
GN808040	GNT808040	800 x 800 x 400			
GN8010030	GNT8010030	800 x 1.000 x 300	140 x 900	2	3
GN1006025	GNT1006025	1.000 x 600 x 250	140 x 500	3P	3
GN1006030	GNT1006030	1.000 x 600 x 300			
GN1006040	GNT1006040	1.000 x 600 x 400			
GN1008025	GNT1008025	1.000 x 800 x 250	140 x 700	3P	3
GN1008030	GNT1008030	1.000 x 800 x 300			
GN1008040	GNT1008040	1.000 x 800 x 400			
GN10010030	GNT10010030	1.000 x 1.000 x 300	140 x 900	3P	3
GN1206025	GNT1206025	1.200 x 600 x 250	140 x 500	3P	3
GN1206030	GNT1206030	1.200 x 600 x 300	140 x 500	3P	3
GN1206040	GNT1206040	1.200 x 600 x 400			
GN1208030	GNT1208030	1.200 x 800 x 300	140 x 700	3P	3
GN1208040	GNT1208040	1.200 x 800 x 400			
GN1209030	GNT1209030	1.200 x 900 x 285	140 x 700	3P	3
GN12010030	GNT12010030	1.200 x 1.000 x 300	140 x 900	3P	3
GN12012025	GNT12012025	1.200 x 1.200 x 250	2 x (140 x 500)	3P	3

\* Bureau Veritas for single opaque door cabinet



## IP55 WALL MOUNTING METAL CABINETS DOUBLE DOOR (PLAIN PLATE INCLUDED)



IP55 / NEMA 1,12

Commercial Ref.	Dimensions (mm) (A x B x C)	Cable entries (D x E)	Locks number	Hinges number
GN8010020/PD	800 x 1.000 x 200	140 x 900	3P	3
GN8010030/PD	800 x 1.000 x 300			
GN8010040/PD	800 x 1.000 x 400			
GN8012030/PD	800 x 1.200 x 300	2 x (140 x 500)	3P	3
GN8012040/PD	800 x 1.200 x 400			
GN10010030/PD	1.000 x 1.000 x 300	140 x 900	3P	3
GN10010040/PD	1.000 x 1.000 x 400			
GN10012030/PD	1.000 x 1.200 x 300	2 x (140 x 500)	3P	3
GN10012040/PD	1.000 x 1.200 x 400			
GN12010030/PD	1.200 x 1.000 x 300	140 x 900	3P	3
GN12010040/PD	1.200 x 1.000 x 400			
GN12012025/PD	1.200 x 1.200 x 250	2 x (140 x 500)	3P	3
GN12012030/PD	1.200 x 1.200 x 300			
GN12012040/PD	1.200 x 1.200 x 400			
GN14010030/PD	1.400 x 1.000 x 300	2 x (140 x 500)	3P	3
GN14010040/PD	1.400 x 1.000 x 400			



## ■ IP66 WALL MOUNTING METAL CABINETS FOR HAZAROUS AREAS (PLAIN PLATE INCLUDED)



INCLUDES mounting plate + 4 wall brackets

IP66 / NEMA 1,12, 4

## ■ MILD STEEL CABINETS

Commercial Ref.	Dimensions	Cable entries	Locks number	Hinges number
ATX302015	300x200x150	80x150	1	2
ATX302515	300x250x150	80x150	1	2
ATX303015	300x300x150	80x200	1	2
ATX303020	300x300x200	140x230	1	2
ATX403020	400x300x200	140x230	1	2
ATX404020	400x400x200	140x300	1	2
ATX406020	400x600x200	140x500	1	2
ATX504020	500x400x200	140x300	2	2
ATX604020	600x400x200	140x300	2	2
ATX604025	600x400x250	140x300	2	2
ATX605025	600x500x250	140x400	2	2
ATX606025	600x600x250	140x500	2	2
ATX705025	700x500x250	140x400	2	2
ATX806030	800x600x300	140x500	2	3
ATX808030	800x800x300	140x700	2	3
ATX1008030	1.000x800x300	140x700	3P	3

## ■ 304L STAINLESS STEEL CABINETS

Commercial Ref.	Dimensions	Locks number	Hinges number
ATX302015/INX	300x200x150	1	2
ATX302515/INX	300x250x150	1	2
ATX303015/INX	300x300x150	1	2
ATX403020/INX	400x300x200	1	2
ATX404020/INX	400x400x200	1	2
ATX406020/INX	400x600x200	1	2
ATX504020/INX	500x400x200	2	2
ATX604020/INX	600x400x200	2	2
ATX605025/INX	600x500x250	2	2
ATX606025/INX	600x600x250	2	2
ATX705025/INX	700x500x250	2	2
ATX806030/INX	800x600x300	2	3
ATX808030/INX	800x800x300	2	3
ATX1008030/INX	1.000x800x300	3P	3

3P: Tree-point lock



## IP66 WALL MOUNTED STAINLESS STEEL ENCLOSURES (PLAIN PLATE INCLUDED)

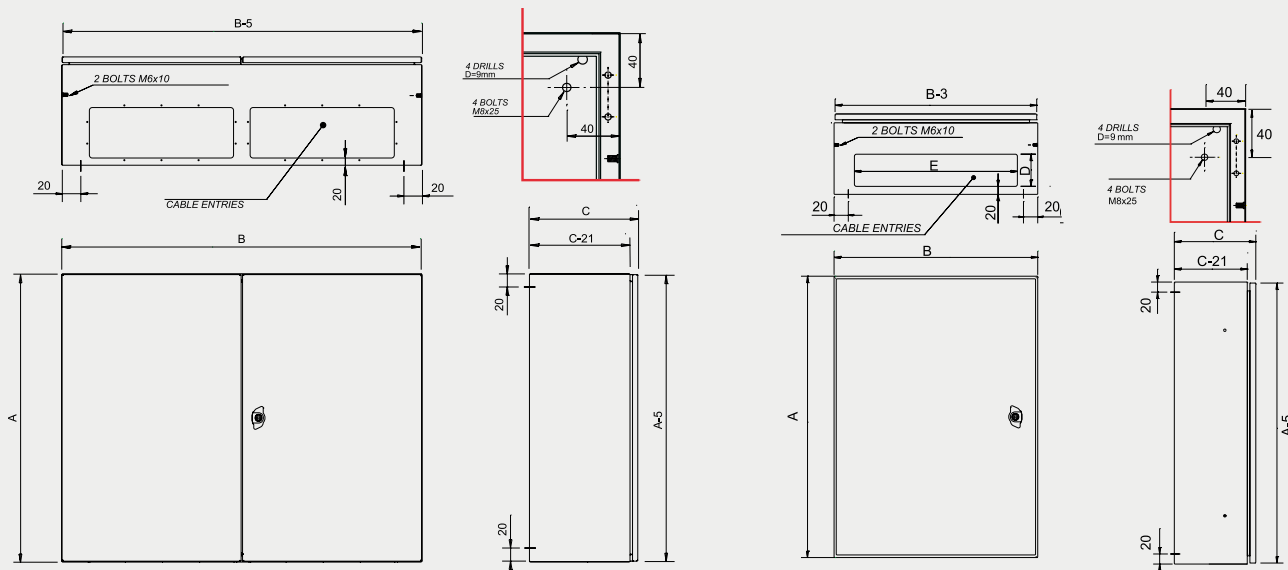


Single door: IP66 / NEMA 1,12, 4x  
Double door: IP55 / NEMA 1,12  
AISI 304L

Commercial Ref.	Dimensions (mm) (A x B x C)	Locks number	Hinges number
INX302015	300x 200 x 150	1	2
INX302515	300x 200 x 150	1	2
INX303015	300x 300 x 150	1	2
INX403020	400x 300 x 200	1	2
INX404020	400 x 400 x 200	1	2
INX406020	400 x 600 x 200	1	2
INX504020	500 x 400 x 200	2	2
INX604020	600 x 400 x 200	2	2
INX605025	600 x 500 x 250	2	2
INX606025	600 x 600 x 250	2	2
INX705025	700 x 500 x 250	2	2
INX806030	800 x 600 x 300	2	3
INX808030	800 x 800 x 300	2	3
INX1008030	1.000 x 800 x 300	3P	3
IINX10010030/PD	1.000 x 1.000 x 300	3P	3
INX12010030/PD	1.200 x 1.000x 300	3P	3

For 316L cabinets please ask for prices and delivery time  
/PD: Double-door cabinet

## DIMENSIONS



Stainless steel cabinets without cable entry



## MODULAR CHASSIS



### MADE OF:

Chassis: Galvanized steel.  
Cover: Steel sheet painted RAL7035

### COMPONENTS:

- DIN rail frame, metal lid, locking screws and height adjuster (4 x chassis)

Commercial Ref.	Total modules	Rows	Cabinet Ref.
CH3025/1520	16	2x8	GN302515
			GN302520
CH4030/1520	33	3x11	GN403015
			GN403020
CH5040/1520	48	3x16	GN504015
			GN504020
CH5040/2530	48	3x16	GN504025
			GN504030
CH6040/1520	64	4x16	GN604015
			GN604020
CH6040/2530	64	4x16	GN604025
			GN604030
CH6060/1520	104	4x26	GN606020
			GN606025
CH6060/2530	104	4x26	GN606030
			GN705015
CH7050/1520	110	5x22	GN705020
			GN705025
CH8060/1520	128	4x26 1x24	GN806020
			GN806025
CH8060/2530	128	4x26 1x24	GN806030
			GN808020
CH8080/1520	190	5x38	GN808025
			GN808030

## CABLE INPUT LID

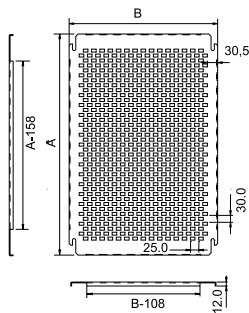
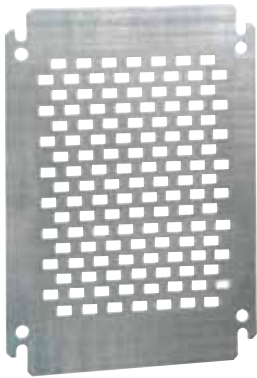
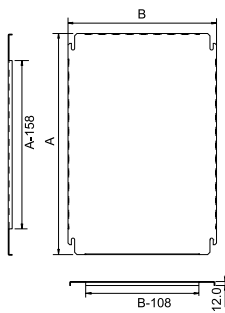


### MADE OF:

Steel sheet painted RAL7035

Commercial Ref.	Dimensions (Width x Depth)	No. of flanges
TF0820	80x200	1
TF0830	80x300	1
TF1423	140x230	1
TF1430	140x300	1
TF1440	140x400	1
TF1450	140x500	2
TF1470	140x700	3
TF1490	140x900	3

## PLAIN AND GROOVED PLATES ■



**MADE OF:**  
Galvanized steel

PLAIN references	GROOVED references	Dimensions (mm) (A x B)	Cabinet Ref.
PL2520	PLU2520	220 x 150	GN252015
PL2525	PLU2525	220 x 200	GN252515
PL3020	PLU3020	270 x 150	GN302015
PL3025	PLU3025	270 x 200	GN302515 / GN302520
PL3030	PLU3030	270 x 250	GN303015 / GN303020
PL3040	PLU3040	270 x 350	GN304015 / GN304020
PL4030	PLU4030	370 x 250	GN403015 / GN403020
PL4040	PLU4040	370 x 350	GN404015 / GN404020 GN404025
PL4060	PLU4060	400 x 550	GN406020 / GN406025 GN406030
PL5030	PLU5030	470 x 250	GN503015 / GN503020 GN503025
PL5040	PLU5040	470 x 350	GN504015 / GN504020 GN504025 / GN504030
PL5050	PLU5050	470 x 450	GN505015 / GN505020 GN505025 / GN505030
PL5070	PLU5070	470 x 650	GN507020
PL6040	PLU6040	570 x 350	GN604015 / GN604020 GN604025 / GN604030
PL6050	PLU6050	570 x 450	GN605015 / GN605020 GN605025 / GN605030
PL6060	PLU6060	570 x 550	GN606020 / GN606025 GN606030 / GN606040
PL6080	PLU6080	570 x 750	GN608030
PL7050	PLU7050	670 x 450	GN705015 / GN705020 GN705025
PL8040	PLU8040	770 x 350	GN804020 / GN804025 GN804030
PL8060	PLU8060	770 x 550	GN806020 / GN806025 GN806030 / GN806040
PL8080	PLU8080	770 x 750	GN808020 / GN808025 GN808030 / GN808040
PL80100	PLU80100	770 x 950	GN8010020 / GN8010030 GN8010040
PL80120	PLU80120	770 x 1.150	GN8012030 / GN8012040
PL10060	PLU10060	970 x 550	GN1006025 / GN1006030 GN1006040
PL10080	PLU10080	970 x 750	GN1008025 / GN1008030 GN1008040
PL100100	PLU100100	970 x 950	GN10010030 / GN10010040
PL100120	PLU100120	970 x 1.150	GN10012030 / GN10012040
PL12060	PLU12060	1.170 x 550	GN1206025 / GN1206030 GN1206040
PL12080	PLU12080	1.170 x 750	GN1208030 / GN1208040
PL12090	PLU12090	1.170 x 850	GN1209030
PL120100	PLU120100	1.170 x 950	GN12010030 / GN12010040
PL120120	PLU120120	1.170 x 1.150	GN12012025 / GN12012030 GN12012040
PL140100		1.370 x 950	GN14010030 / GN14010040

# ARGENTA accessories

## ■ PLINTH



**MADE OF:**  
Steel sheet painted RAL7016

### Commercial Ref.

#### 100 PLINTH

Commercial Ref.	Dimensions (Width x Depth)
ZCLA106025	600x250
ZCLA106030	600x300
ZCLA106040	600x400
ZCLA108020	800x200
ZCLA108025	800x250
ZCLA108030	800x300
ZCLA108040	800x400
ZCLA1010030	1.000x300
ZCLA1010040	1.000x400
ZCLA1012025	1.200x250
ZCLA1012030	1.200x300
ZCLA1012040	1.200x400

### Commercial Ref.

#### 200 PLINTH

Commercial Ref.	Dimensions (Width x Depth)
ZCLA206025	600x250
ZCLA206030	600x300
ZCLA206040	600x400
ZCLA208020	800x200
ZCLA208025	800x250
ZCLA208030	800x300
ZCLA208040	800x400
ZCLA2010030	1.000x300
ZCLA2010040	1.000x400
ZCLA2012025	1.200x250
ZCLA2012030	1.200x300
ZCLA2012040	1200x400



### Commercial Ref.

48497	Plinth cable support 250 mm
48498	Plinth cable support 300 mm
48499	Plinth cable support 400 mm

## ■ HEIGHT ADJUSTMENT ELEMENTS



**MADE OF:** Galvanized steel

For inner doors.

### Commercial Ref.

Commercial Ref.	Cabinet depth (mm)	
SP150	150	Height adjustment element kit (4 pcs.)
SP200	200	Height adjustment element kit (4 pcs.)
SP250	250	Height adjustment element kit (4 pcs.)
SP285	285	Height adjustment element kit (4 pcs.)
SP300	300	Height adjustment element kit (4 pcs.)
SP400	400	Height adjustment element kit (4 pcs.)

## WALL MOUNTING SUPPORT ■



**Commercial Ref.**

48423	Wall mounting support galvanized steel (4 pcs.)
48623	Wall mounting support 316L stainless steel (4 pcs.)

## INNER ATTACHMENT SUPPORT ■



**MADE OF:** Galvanized steel

**Commercial Ref.**

48422	Inner hook fitting (4 pcs.)
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## CABINET LIFTING EYEBOLTS ■



**MADE OF:** Galvanized steel

**Commercial Ref.**

48475	Cabinet lifting eyebolts (2 pcs.)
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## MAST ATTACHMENT PACK ■



**MADE OF:** Galvanized steel

**Commercial Ref.**

48420	Mast attachment pack (2 pcs.) For cabinet width from 300 to 800 mm
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## DOOR ASSEMBLY PROFILES ■











**MADE OF:** Galvanized steel

**Commercial Ref.**

PMP300	Assembly profile for door, width 300
PMP400	Assembly profile for door, width 400
PMP500	Assembly profile for door, width 500
PMP600	Assembly profile for door, width 600
PMP800	Assembly profile for door, width 800
PMP900	Assembly profile for door, width 900
PMP1000	Assembly profile for door, width 1.000
PMP1200	Assembly profile for door, width 1.200



## ■ LOCKS

		Commercial Ref.	
 Ref. 48450	 Ref. 48414	<b>48450</b>	<i>5 mm double-bit lock (up to 8 mm height)</i>
		<b>48414</b>	<i>5 mm double-bit lock with three-point (without rods) (From 1.000 mm height)</i>
 Ref. 48451	 Ref. 48415	<b>48451</b>	<i>Lock in triangle with key 8 mm</i>
		<b>48415</b>	<i>Lock in triangle with three-point with key (without rods)</i>
		<b>48455</b>	<i>Lock in square with key</i>
 Ref. 48456		<b>48456</b>	<i>1/4 turning lock with key code 333</i>
		<b>48493</b>	<i>1/4 turning lock with key F-405 type</i>
		<b>48494</b>	<i>1/4 turning lock with key F-455 type</i>
		<b>48495</b>	<i>1/4 turning lock with key F-124E type</i>
		<b>48496</b>	<i>1/4 turning lock with three-point and key code 333</i>
 Ref. 48457		<b>48457</b>	<i>1/4 turning lock with wing nut with key code 333</i>
		<b>48411</b>	<i>1/4 turning lock with three-point wing nut with key (without rods) code 333</i>
 Ref. 48412		<b>48412</b>	<i>1/4 turning lock with wing nut without key</i>
		<b>48413</b>	<i>1/4 turning lock with three-point wing nut without key (without rods) code 333</i>
		<b>48405</b>	<i>1P ATEX lock (Galvanized steel)</i>
		<b>48406</b>	<i>3P ATEX lock (Galvanized steel)</i>
		<b>48407</b>	<i>1P INOX lock (Stainless steel 304L)</i>
		<b>48408</b>	<i>3P INOX lock (Stainless steel 304L)</i>
 Ref. 48449	 Ref. 48460	<b>48449</b>	<i>5 mm double-bit key</i>
		<b>48460</b>	<i>5 mm double-bit zamak key</i>

## SPARE DOORS ■



**MADE OF:**

Steel sheet painted RAL7035

Stainless steel glazed finished

Commercial Ref.		Dimensions (mm) (Height x Width)
METAL doors	INOX doors	
P02520		250 x 200
P02525		250 x 250
P03020	P03020/INOX	300 x 200
P03025	P03025/INOX	300 x 250
P03030	P03030/INOX	300 x 300
P03040		300 x 400
P04030	P04030/INOX	400 x 300
P04040	P04040/INOX	400 x 400
P04060	P04060/INOX	400 x 600
P05030		500 x 300
P05040	P05040/INOX	500 x 400
P05050		500 x 500
P05070		500 x 700
P06040	P06040/INOX	600 x 400
P06050	P06050/INOX	600 x 500
P06060	P06060/INOX	600 x 600
P06080		600 x 800
P07050	P07050/INOX	700 x 500
P08040		800 x 400
P08060	P08060/INOX	800 x 600
P08080	P08080/INOX	800 x 800
P080100		800 x 1.000
P010060		1.000 x 600
P010080	P010080/INOX	1.000 x 800
P0100100		1.000 x 1.000
P012060		1.200 x 600
P012080		1.200 x 800
P012090		1.200 x 900
P0120100		1.200 x 1.000
P0120120		1.200 x 1.200
P080100/PD*		800 x 1.000
P080120/PD*		800 x 1.200
P0100100/PD*	P0100100PD/INOX*	1.000 x 1.000
P0100120/PD*		1.000 x 1.200
P0120100/PD*	P0120100PD/INOX*	1.200 x 1.000
P0120120/PD*		1.200 x 1.200
P0140100/PD*		1.400 x 1.000

Supplied without lock.  
See references in page 16

\* Opaque double doors

## ■ INNER DOOR



**MADE OF:**  
Steel sheet painted RAL7035

Commercial Ref.	Dimensions (mm) (Height x Width)	Cabinet Ref.
PIN3020	250 x 150	GN302015
PIN3025	250 x 200	GN302515 / GN302520
PIN3030	250 x 250	GN303015 / GN303020
PIN3040	250 x 350	GN304015 / GN304020
PIN4030	350 x 250	GN403015 / GN403020
PIN4040	350 x 350	GN404015 / GN404020 GN404025
PIN4060	350 x 550	GN406020 / GN406025 GN406030
PIN5030	450 x 250	GN503015 / GN503020 GN503025
PIN5040	450 x 350	GN504015 / GN504020 GN504025 / GN504030
PIN5050	450 x 450	GN505015 / GN505020 GN505025 / GN505030
PIN5070	450 x 650	GN507020
PIN6040	550 x 350	GN604015 / GN604020 GN604025 / GN604030
PIN6050	550 x 450	GN605015 / GN605020 GN605025 / GN605030
PIN6060	550 x 550	GN606020 / GN606025 GN606030 / GN606040
PIN6080	550 x 750	GN608030
PIN7050	650 x 450	GN705015 / GN705020 GN705025
PIN8040	750 x 350	GN804020 / GN804025 GN804030
PIN8060	750 x 550	GN806020 / GN806025 GN806030 / GN806040
PIN8080	750 x 750	GN808020 / GN808025 GN808030 / GN808040
PIN80100	750 x 950	GN8010020 / GN8010030 GN8010040
PIN80120	750 x 1.150	GN8012030 / GN8012040
PIN10060	950 x 550	GN1006025 / GN1006030 GN1006040
PIN10080	950 x 550	GN1008025 / GN1008030 GN1008040
PIN100100	950 x 950	GN10010030 / GN10010040
PIN100120	950 x 1.150	GN10012030 / GN10012040
PIN12060	1.150 x 550	GN1206025 / GN1206030 GN1206040
PIN12080	1.150 x 750	GN1208030 / GN1208040
PIN12090	1.150 x 850	GN1209030
PIN120100	1.150 x 950	GN12010030 / GN12010040
PIN120120	1.150 x 1.150	GN12012025 / GN12012030 GN12012040
PIN140100	1.350 x 950	GN14010030 / GN14010040

*In order to achieve the correct assembly of the INNER DOOR is necessary to request the Height Adjustment Element. (see page 14)*



**MADE OF:**

Steel sheet painted RAL7035

Commercial Ref.	Dimensions (mm) (Width x Depth)	Cabinet Ref.
TEJ2015	210 x 174	GN252015 / GN302015
TEJ2515	260 x 174	GN252515 / GN302515
TEJ2520	260 x 224	GN302520
TEJ3015	310 x 174	GN303015 / GN403015 GN503015
TEJ3020	310 x 224	GN303020 / GN403020 GN503020
TEJ3025	310 x 274	GN503025
TEJ4015	410 x 174	GN304015 / GN404015 GN504015 / GN604015
TEJ4020	410 x 224	GN304020 / GN404020 GN504020 / GN604020 GN804020
TEJ4025	410 x 274	GN404025 / GN504025 GN604025 / GN804025
TEJ4030	410 x 324	GN504030 / GN504025 GN604030 / GN804030
TEJ5015	510 x 174	GN505015 / GN605015 GN705015
TEJ5020	510 x 224	GN505020 / GN605020 GN705020
TEJ5025	510 x 274	GN505025 / GN605025 GN705025
TEJ5030	510 x 324	GN505030 / GN605030
TEJ6020	610 x 224	GN406020 / GN606020 GN806020
TEJ6025	610 x 274	GN406025 / GN606025 GN806025 / GN1006025 GN1206025
TEJ6030	610 x 324	GN406030 / GN606030 GN806030 / GN1006030 GN1206030
TEJ6040	610 x 425	GN606040 / GN806040 GN1006040 / GN1206040
TEJ7020	710 x 224	GN507020
TEJ8020	810 x 224	GN808020
TEJ8025	810 x 274	GN808025 / GN1008025
TEJ8030	810 x 324	GN608030 / GN808030 GN1008030 / GN1208030
TEJ9030	910 x 309	GN1209030
TEJ10020	1.010 x 224	GN8010020
TEJ10030	1.010 x 324	GN8010030 / GN10010030 GN12010030 / GN14010030
TEJ10040	1.100 x 424	GN8010040 / GN10010040 GN12010040 / GN14010040
TEJ12025	1.210 x 274	GN12012025
TEJ12030	1.210 x 324	GN8012030 / GN12012030
TEJ12040	1.210 x 424	GN8012040 / GN10012040 GN12012040



# ARGENTA customized solutions

## CUSTOMIZED solutions

**A DIFFERENT DESIGN TO SUIT ALL TYPES OF NEEDS**

IDE offers the possibility of making metal enclosures which adapt to each installation. Its versatile manufacturing process allows producing any type of cabinet at very competitive prices and with very short lead times.

Sizes, shapes, drillings, colours, made with high quality materials that satisfy the technical and quality demand for the market.



## CUT-OUTS ■

Cut-outs in case, door, mounting plate or cable gland lid, according to the needs of the installation



Possibility of making any size and shape cut-out: round, square, hexagonal...



## COLOURS ■

Possibility of painting the cabinets in any colour of the RAL chart (check minimum quantities and delivery times)



*The intellectual property of the design and drawings of the special cabinets belongs integrally to the customer who requested them. IDE has the obligation to maintain secrecy in this regard.*

# Polyester

## ■ POLYESTER ENCLOSURES IP66-IP55



This series is made up of a series of cabinets manufactured in hot pressed polyester reinforced with fibre glass, halogen free, which gives the series a really high performance level.

There are IP66 cabinets, and are available in 7 different sizes, in RAL9002 grey colour. They are symmetric and reversible in many cases, thus obtaining a high degree of versatility for carrying all types of electric, pneumatic, hydraulic and communications installations, etc. The base is manufactured in just one piece thus guaranteeing optimum inner space and increasing its resistance to impact.

There are also cabinets which have an IP55 degree of protection (1000 (H) x 750 (W)), made in RAL7035 grey colour.

Its double insulation characteristics guarantee maximum safety both for the installations and for persons.

### TECHNICAL DATA IP66

■ degree of protection	<b>IP66</b>
■ resistance to impact:	
opaque door:	<b>IK10</b>
transparent door:	<b>IK08</b>
■ range of temperature under normal conditions:	<b>-50°C/+150°C</b>
■ test of resistance to glow wire	<b>960°C</b>
■ thermic class	<b>150°C</b>
■ materials	<b>Hot moulded fibreglass reinforced polyester (GRP)</b>
■ colour	<b>RAL 9002</b>

*According to low tension directive 2006/95/CE  
Norms: UNE-EN 62208 and UNE-EN 60439-1-3 (in the affected parts)*

### TECHNICAL DATA IP55

■ degree of protection	<b>IP55</b>
■ resistance to impact	<b>IK10</b>
■ range of temperature under normal conditions:	<b>-50°C/+150°C</b>
■ test of resistance to glow wire	<b>960°C</b>
■ thermic class	<b>150°C</b>
■ materials	<b>Hot moulded fibreglass reinforced polyester (GRP)</b>
■ colour	<b>RAL 7035</b>

*According to low tension directive 2006/95/CE  
Norms: UNE-EN 62208 and UNE-EN 60439-1-3 (in the affected parts)*

# features POLYESTER

## POLYESTER 66 ■



### ■ BUILT-IN / SURROUNDING PROTECTION EDGE

- Guarantee the possibility to open the door 180° in built-in installations.
- Avoid entrance of water while opening the door.
- Guarantee that the cabinet is straight in comparison with the surface.



### ■ INTERNAL ZAMAK HINGE

- 180° door opening warranted. Corrosion free.



### ■ EASY FITTING

- Quick fixture guides in the back.
- Permits fitting without drilling.

### ■ VARIOUS CLOSING SYSTEMS

- Double bit (Standard), triangular screw and manual with key lock.

## POLYESTER 55 ■

### ■ TWO DEPTHS

- Available in two depths 300 and 420 mm.



### ■ INTERNAL HINGES

- The internal hinges allow the door to be opened 105°.



### ■ FASTENING SYSTEMS

- Several basic fastening methods can be used: wall, surface and with pedestal.

### ■ VARIOUS LOCKING SYSTEMS

- Swing handle, double bit key lock, with key or triangular.



# POLYESTER IP66

## ■ IP66 CABINETS



### ■ OPAQUE DOOR CABINETS

Commercial Ref.	Dimensions (Height x Width x Depth)
POL302514	300x250x140
POL403020	400x300x200
POL404020	400x400x200
POL504020	500x400x200
POL604023	600x400x230
POL605023	600x500x230
POL806030	800x600x300



### ■ TRANSPARENT DOOR CABINETS

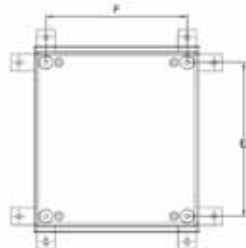
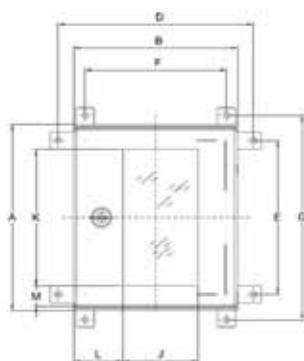
Commercial Ref.	Dimensions (Height x Width x Depth)
POL302514PT	300x250x140
POL403020PT	400x300x200
POL404020PT	400x400x200
POL504020PT	500x400x200
POL604023PT	600x400x230
POL605023PT	600x500x230
POL806030PT	800x600x300

IP66

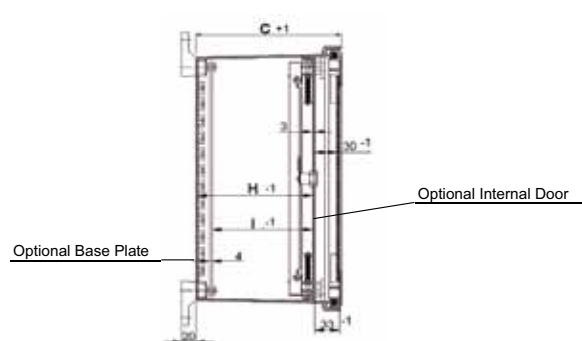
Supplied without the necessary accessories for direct wall mounting

## ■ DIMENSIONS

External Measures




Internal Measures



	A	B	C	D	E	F	G	H	I	J	K	L	M
POL302514	300	250	140	297	248	215	330	-	-	115	220	75	35,5
POL403020	400	300	200	344	338	262	420	158	138	121	281	89,5	53
POL404020	400	400	200	444	338	362	420	158	138	221	281	89,5	53
POL504020	500	400	200	444	438	362	520	158	138	221	381	89,5	53
POL604023	600	400	230	444	538	362	620	187	1678	221	481	89,5	53
POL605023	600	500	230	544	538	462	620	187	167	321	481	89,5	53
POL806030	800	600	300	640	734	558	816	257	237	421	681	89,5	53

# accessories POLYESTER IP66


## MODULAR CHASSIS ■



Comprises a chassis, blind lids and DIN profiles

Commercial Ref.	Modules	Rows	For Cabinet (Height x Width x Depth)
PCH4030	24	2x12	400x300x200
PCH4040	36	2x18	400x400x200
PCH5040	54	3x18	500x400x200
PCH6040	54	3x18	600x400x230
PCH6050	69	3x23	600x500x230
PCH8060	116	4x29	800x600x300


## POLYESTER BASE PLATE ■



Commercial Ref.	Thickness	For Cabinet (Height x Width x Depth)
PPL3025	4 mm thickness	300x250x140
PPL4030	4 mm thickness	400x300x200
PPL4040	4 mm thickness	400x400x200
PPL5040	4 mm thickness	500x400x200
PPL6040	4 mm thickness	600x400x230
PPL6050	4 mm thickness	600x500x230
PPL8060	4 mm thickness	800x600x300


## METAL BASE PLATE ■

Galvanized steel



Commercial Ref.	Thickness	For Cabinet (Height x Width x Depth)
PML3025	2 mm thickness	300x250x140
PML4030	2 mm thickness	400x300x200
PML4040	2 mm thickness	400x400x200
PML5040	2 mm thickness	500x400x200
PML6040	2 mm thickness	600x400x230
PML6050	2 mm thickness	600x500x230
PML8060	2 mm thickness	800x600x300

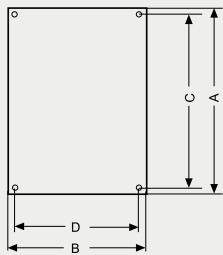
## BAQUELITE BASE PLATE ■



Commercial Ref.	Thickness	For Cabinet (Height x Width x Depth)
PBL3025	4 mm thickness	300x250x140
PBL4030	4 mm thickness	400x300x200
PBL4040	4 mm thickness	400x400x200
PBL5040	4 mm thickness	500x400x200
PBL6040	4 mm thickness	600x400x230
PBL6050	4 mm thickness	600x500x230
PBL8060	4 mm thickness	800x600x300


## PLATES DIMENSIONS ■

Polyester Ref.	Metal Ref.	Baquelite Ref.	A	B	C	D
PPL3025	PML3025	PBL3025	268	213	248	175
PPL4030	PML4030	PBL4030	358	260	338	222
PPL4040	PML4040	PBL4040	358	360	338	322
PPL5040	PML5040	PBL5040	458	360	438	322
PPL6040	PML6040	PBL6040	558	360	538	322
PPL6050	PML6050	PBL6050	558	460	538	422
PPL8060	PML8060	PBL8060	754	556	734	518




# POLYESTER IP66 accessories


## ■ INNER DOOR

	Commercial Ref.		For Cabinet (Height x Width x Depth)
	PPIN4030		400x300x200
	PPIN4040		400x400x200
	PPIN5040		500x400x200
	PPIN6040		600x400x230
	PPIN6050		600x500x230
	PPIN8060		800x600x300


## ■ SURFACE MOUNTING

	Commercial Ref.	
	29221	4 wall fixing set with head-insulated screws
	29222	4 set of adjustable brackets


## ■ ADJUSTABLE BASE PLATE

	Set of four profiles for the adjustment of the base plate, to different depths	
	Commercial Ref.	
	29223	For 200 mm depth cabinets
	29224	For 230 mm depth cabinets
	29225	For 300 mm depth cabinets


## ■ CLOSING PLATE

	Are used for the entrance of cables, cable glands, etc.	
	Commercial Ref.	
	29226	For 250 width (10 pcs. bag)
	29227	For 350 width (10 pcs. bag)
	29228	For 400/500 width (10 pcs. bag)

## ■ LOCKS


	Commercial Ref.	
	29229	Standard double bit lock
	29230	Triangular screw 11 mm
	29231	Manual with key lock
	29266	Zinc blockage lock
	48449	Double bit key

## IP55 CABINETS ■

	<b>Commercial Ref.</b>	<b>Dimensions (Height x Width x Depth)</b>
	POL755030	750x500x300
	POL1007530	1.000x750x300
	POL1007542	1.000x750x420
	POL1257530	1.250x750x300
	POL1257542	1.250x750x420


**IP55**

## BASE PLATE ■


	<b>■ FIXED BASE PLATE</b>		
	<b>Polyester Ref.</b>	<b>Metal Ref.</b>	<b>For Cabinet (Height x Width)</b>
	PPL7550	PML7550	750x500
	PPL10075	PML10075	1.000x750
	PPL12575	PML12575	1.250x750
	<b>■ ADJUSTABLE PLATE PACK</b>		
<b>Polyester Ref.</b>			
29235	Cabinet depth 300 mm		
29236	Cabinet depth 420 mm		

For the mounting plate, it is also needed to ask for the height adjustment kit accordingly to the depth of the cabinet.

## STEEL PEDESTAL ■

	Painted in black		
	<b>Commercial Ref.</b>	<b>For cabinet (Width x Depth)</b>	
	ZOC5030	85x500x300	500x300
	ZOC7530	85x750x300	750x300
	ZOC7542	85x750x420	750x420

## SURFACE BRACKETS ■

	<b>Commercial Ref.</b>
	29240

## LOCKS WITH SWING HANDLE ■

	<b>Commercial Ref.</b>	
	29241	Standard double-bit lock
	29242	Triangular screw 11 mm
	29243	Manual with key look
	48460	Double-bit zamak-key





# Tecno

## ■ IP65 METAL TERMINAL BOXES

The Techno series includes a set of metal terminal boxes suitable for control, derivation and distribution in industrial equipment. Their protection degree is IP65, made of high quality materials in cold-rolled steel and coated with hardened RAL7035 epoxy-polyester paint.

Available in a variety of sizes, with plain sides or with lids for cable entry. They have a quick screw locking system with sealed top to enhance the safety of the unit. The boxes have punched holes for wall attachment, with mounting plates of all sizes available as an accessory.

The enclosure design allows quick and easy access to the inside for installation and maintenance work, it provides flexibility for assembling equipment in the interior, such as mounting plates, attachment profiles, etc. This range is particularly appropriate to offer customized solutions where specific dimensions are required.



## TECHNICAL DATA

■ degree of protection	<b>IP65/NEMA 1, 12</b>
■ resistance to impact	<b>IK10</b>
■ range of temperature under normal conditions	<b>-25°C/+40°C</b>
■ maximum operation voltage (Ue)	<b>1000 V AC</b>
■ materials	<b>Cold-rolled steel sheeting</b>
■ color	<b>RAL 7035</b>

*According to low tension directive 2006/95/CE  
Norm: UNE-EN 62208  
Certificate: UL508A*

*The technical features described above are achieved using the components of the whole, and the accessories supplied by IDE, mounted and assembled according to the corresponding technical guidelines and instruction sheet.*

## ■ IP65 BOXES WITH PLAIN SIDES



### ■ 95 mm DEPTH

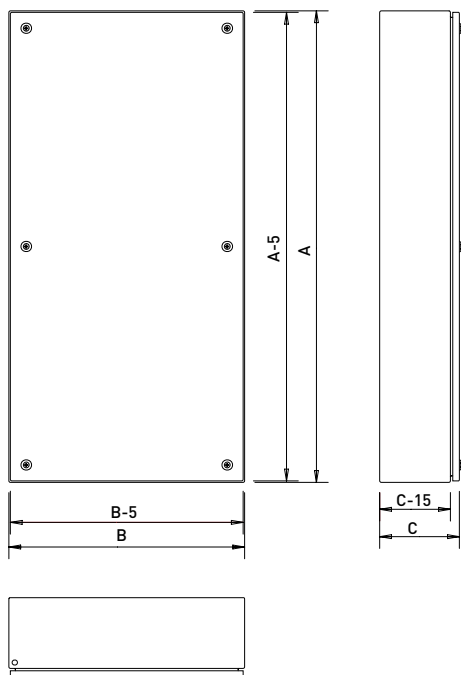


#### Commercial Ref.

#### Dimensions (A x B x C)

Commercial Ref.	Dimensions (A x B x C)
ELA151595	150 x 150 x 95
ELA201595	200 x 150 x 95
ELA202095	200 x 200 x 95
ELA301595	300 x 150 x 95
ELA302095	300 x 200 x 95
ELA402095	400 x 200 x 95

### ■ 135 mm DEPTH



#### Commercial Ref.

#### Dimensions (A x B x C)

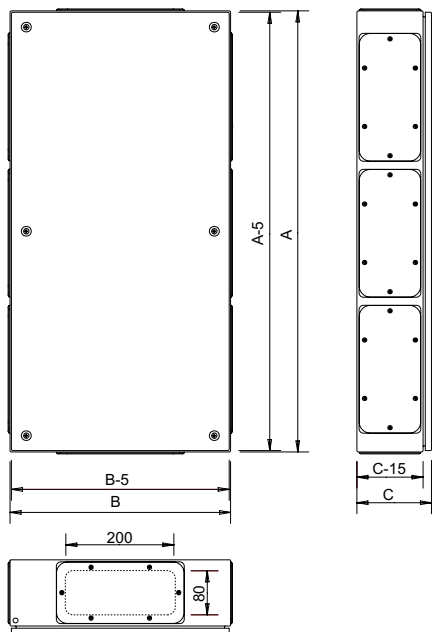
Commercial Ref.	Dimensions (A x B x C)
ELA1515135	150 x 150 x 135
ELA2015135	200 x 150 x 135
ELA2020135	200 x 200 x 135
ELA3015135	300 x 150 x 135
ELA3020135	300 x 200 x 135
ELA3030135	300 x 300 x 135
ELA4020135	400 x 200 x 135
ELA4030135	400 x 300 x 135
ELA4040135	400 x 400 x 135
ELA5020135	500 x 200 x 135
ELA5030135	500 x 300 x 135
ELA6020135	600 x 200 x 135

Dimensions in mm



## IP65 BOXES WITH CABLE INPUT

### 135 mm DEPTH



Commercial Ref.	Dimensions (A x B x C)	A inputs	B inputs	Cable input sizes
EXA3015135	300 x 150 x 135	1	0	80 x 200
EXA3020135	300 x 200 x 135	1	0	80 x 200
EXA3030135	300 x 300 x 135	1	1	80 x 200
EXA4020135	400 x 200 x 135	1	0	80 x 200
EXA4030135	400 x 300 x 135	1	1	80 x 200
EXA4040135	400 x 400 x 135	1	1	80 x 200
EXA5020135	500 x 200 x 135	2	0	80 x 200
EXA5030135	500 x 300 x 135	2	1	80 x 200
EXA6020135	600 x 200 x 135	2	0	80 x 200
EXA6030135	600 x 300 x 135	2	1	80 x 200
EXA6040135	600 x 400 x 135	2	1	80 x 200
EXA8020135	800 x 200 x 135	3	0	80 x 200
EXA8040135	800 x 400 x 135	3	1	80 x 200

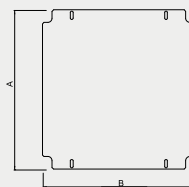
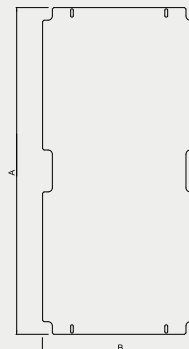
Dimensions in mm



## ■ METAL PLATES



Commercial Ref.	Dimensions (A x B)	For Cabinet (A x B)
26300	130 x 115	150 x 150
26301	180 x 115	200 x 150
26303	180 x 165	200 x 200
26304	280 x 115	300 x 150
26305	280 x 165	300 x 200
26306	280 x 265	300 x 300
26309	380 x 165	400 x 200
26310	380 x 265	400 x 300
26311	380 x 365	400 x 400
26313	480 x 165	500 x 200
26314	480 x 265	500 x 300
26316	580 x 165	600 x 200
26317	580 x 265	600 x 300
26318	580 x 365	600 x 400
26321	780 x 165	800 x 200
26322	780 x 365	800 x 400



Dimensions in mm

# technical FEATURES

## PRODUCT RANGE

Two box versions with plain sides and with open sides with lid for cable input

Available in two depths: 95 and 135 mm

All versions have screw on lid via fast-locking screw with hermetic cap



## CABLE ENTRY



The pre-punched boxes have 80x200 mm cable inputs

## COVER

Totally flat cover permitting the placement of pilot lights, control elements or silkscreen printing of internal systems



The back side of the cover is coated with a rubber seal that guarantees the watertightness of the unit. It includes a M6x10 bolt for earth connection

## BOLTS

The boxes are supplied with side and centre supports to fix plates and rails by M6x10 bolts



## LOCKING SYSTEM

The lid is fastened with fast jackscrews and watertight caps



## MOUNTING PLATES

Mounting plates supplied as accessories for all box sizes. The plates are manufactured in 2 mm galvanised sheet metal



## FASTENING FLANGES

Especially designed fastening flanges for a perfect fit between cover and case, guaranteeing the watertightness of the casing



## DRAIN HOLE

The bottom of the case has a 9 mm drainage punch hole to prevent water from condensing on the inside





# Argenta Plus

## ■ IP65 - IP55 FLOOR-STANDING CABINETS

The Floor-Standing Cabinets of the Argenta-Plus series comprise a set of industrial metal enclosures designed to contain any type of electrical devices and equipment necessary for the supply, distribution and conversion of electricity, and suitable for control and automation equipment for industrial plants and machine tools.

This range of cabinets has been designed for maximum versatility, so that the installer can implement their own arrangements depending on their needs. Functionality is high thanks to the various possibilities for linking cabinets together, the possibility of installing any type of electrical devices, and the complete range of accessories available for this series.

Intended for the most professional sector, the range is available in two versions: COMBINABLE, supplied ready-assembled, and COMPACT. Both are available in opaque-and transparent-door versions. They are made from high-quality materials, in cold-rolled steel sheeting, achieving a maximum protection degree IP65, and a height of up to 2.200 mm.

## TECHNICAL DATA

■ degree of protection	compact cabinets single-door* compact cabinets double-door combinable cabinets	IP65/NEMA 1, 12, 4 IP55/NEMA 1, 12 IP55/NEMA 1, 12
■ resistance to impact	opaque door: transparent door:	IK10 IK09
■ range of temperature under normal conditions		-25°C/+40°C
■ maximum operation voltage (Ue)		1000 V AC
■ materials		Cold-rolled steel sheeting
■ colour		RAL 7035

According to low tension directive 2006/95/CE

Norms: UNE-EN 62208 and UNE-EN 60439-1 (in the affected parts)

Certificate: UL508A

The technical features described above are achieved using the components of the whole, and the accessories supplied by IDE, mounted and assembled according to the corresponding technical guidelines and instruction sheets.

\* To achieve IP65 it's necessary to add isolation kit 48690



## technical FEATURES



### ■ PRODUCT RANGE:

- IP55-IP65 **Compact** Cabinets
- IP55 Combinable Cabinets supplied **ready-assembled**

### ■ SIZES AVAILABLE:

- **Height:** 1.650 - 1.800 - 2.000 - 2.200 mm
- **Width:** 600 - 800 - 1.000 - 1.200 - 1.600 mm
- **Depth:** 400 - 500 - 600 - 800 mm

### ■ MATERIALS:

- **CASE:** 1,5 mm cold-rolled steel sheeting, RAL 7035
- **BACK PANEL, TOP & BOTTOM COVERS:** 1,5 mm cold-rolled steel sheeting. The back panel is covered with a gasket which guarantees IP55 protection degree
- **SIDE PANELS:** 1,5 mm cold-rolled steel sheeting, (for combinable cabinets)
- **OPAQUE DOORS:** 2 mm cold-rolled steel sheeting
- **TRANSPARENT DOORS:** 4 mm tempered glass
- **HINGES, LOCKS & RETAINERS:** Strengthened Zamak
- **MOUNTING PLATES:** 3 mm galvanised sheeting, strengthened by fold



# technical FEATURES

## MOUNTING PLATES

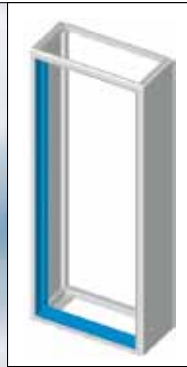


- Made in 3 mm sheeting, strengthened by folds.
- Types of plate available:
  - Complete flat
  - Partial flat
  - Partial slotted
  - Linking for combinable cabinets
  - Separating for combinable cabinets

## MODULAR FRAME



- Needed for attaching DIN rail adjustment components & front covers
- For enclosures from 600 to 1000 mm width, it can be installed the modular chassis plus 200 mm width divisional column.
- For enclosures from 1000 to 1200 mm width, it can be installed the modular chassis plus 400 mm width divisional door.

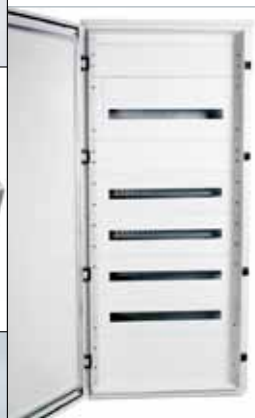


## PLINTH



- Supplied as accessory. Corners and front and rear cover are supplied in one batch, and side panels in another
- Available in two heights: 100 mm, 200 mm
- The 200 mm plinth can also be supplied with a 100+100 cover

## MODULAR COVERS



- Supplied as accessories. Available in the following versions:
  - Modular hinged
  - Blank hinged
  - Modular fixed
  - Blank fixed
- Joined to cabinet frame by M6 cage nut and M6x10 anti-twist bolts



# technical FEATURES

## TRUNKING SUPPORT

- Space for vertical trunking up to 60x60 mm
- DIN rail capacity:
  - 23-24 modules for 600 mm wide covers
  - 33-34 modules for 800 mm wide covers
- Inter-combinable vertical and horizontal trunking supports
- Two fastening positions for horizontal trunking for separation between DIN rails of 150 or 200 mm



## HORIZONTALS PROFILES

- To attach partial plates or other electrical accessories at various depths



Profile for frame



Interior partition profile



Possibility to install the profiles in every direction and position as to form internal structures

## DIN RAIL

- Adjustable distance, allowing any type of electrical devices to be installed
- Assembly supports and DIN rail, flat or slotted, supplied separately



## DOORS



- Available in opaque and transparent versions
- Opaque version made in 2 mm sheeting with reinforcement profiles
- Transparent version in 4 mm tempered glass
- All doors reversible
- 120° door opening

## REINFORCEMENT PROFILES

Installed on opaque doors. Provide rigidity and allow electrical devices to be attached



## ACCESSORIES



PC tray

# technical FEATURES

## LOCKS

- Standard four-point, 1/4-turn lock, double-bit insert, with retractable handle in grey RAL 7016
- Other locks can be supplied as accessories



Triangular insert lock plus triangular key



Keyless pressure insert lock



Safety insert lock with key

## DOOR HINGES & RETAINERS

Hinge made in strengthened Zamak, allowing 120° opening



Double door retainer



Single door retainer made in strengthened Zamak



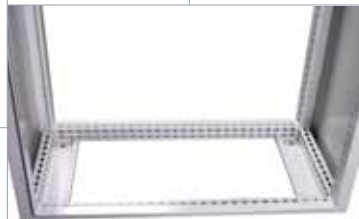
## COMPACT CABINETS ■

### CASE ■



■ Single-component, welded and consisting of:

- Closed sides in 1,5 mm sheeting
- External profiles which have a tubular structure, making the cabinet highly resistant
- Metal pieces welded inside the structure of the cabinet to support lifting eye bolts at the top and secure the base at the bottom



### REAR PANEL ■

- Made in 1,5 mm sheeting
- Gasket guarantees IP65 protection
- Reversible and replaceable via one door
- Attached by countersunk screws



### TOP COVER ■

- Made in 1,5 mm sheeting
- Gasket guarantees IP65 protection
- Includes M8 bolts for earth connection
- Supplied with two eyebolts for easy lifting



## ■ DOORS FOR COMPACT CABINET



- Available in opaque & transparent versions
- Opaque version made in 2 mm sheeting with reinforcement profiles which ensure high rigidity and allow accessories to be attached to the door
- Transparent version in 4 mm tempered glass
- Double doors for 1.000 and 1.200 mm cabinets, opaque or transparent
- All doors reversible
- Standard four-point, 1/4-turn lock with retractable handle in strengthened Zamak

## ■ CABLE ENTRY COVER

- Adjustable, interchangeable covers
- Lids of 100 and 200 mm depending on the depth of the cabinet



## ■ DOUBLE DOORS FOR COMPACT CABINET



- OPAQUE DOUBLE-DOOR CABINETS WITH DOUBLE INTERNAL LOCK
  - Double door for 1.000 and 1.200 mm-width cabinets
  - 1.000 mm door: 500 mm opaque door + 500 mm opaque door
  - 1.200 mm door: 600 mm opaque door + 600 mm opaque door
- TRANSPARENT DOUBLE-DOOR CABINETS WITH DOUBLE INTERNAL LOCK
  - Double door for 1.000 & 1.200 mm-width cabinets
  - 1.000 mm door: 600 mm transparent door + 400 mm opaque door
  - 1.200 mm door: 800 mm transparent door + 400 mm opaque door



## READY-ASSEMBLED COMBINABLE CABINETS ■

Combinable cabinets can be supplied ready-assembled in the following versions:

- Opaque door without plate
- Transparent door without plate

Supplied without side panels. Side panels must therefore be requested apart.



## DOUBLE DOOR FOR COMBINABLE CABINETS ■



### ■ TRANSPARENT DOUBLE-DOOR CABINETS WITH DOUBLE INTERNAL LOCK

Door for 1.000 & 1.200 mm-width cabinets

1.000 mm door: 600 mm transparent door + 400 mm opaque door

1.200 mm door: 800 mm transparent door + 400 mm opaque door

### ■ OPAQUE DOUBLE-DOOR CABINETS WITH DOUBLE INTERNAL LOCK

Double door for 1.000, 1.200 and 1.600 mm-width cabinets

1.000 mm door: 500 mm opaque door + 500 mm opaque door

1.200 mm door: 600 mm opaque door + 600 mm opaque door

1.600 mm door: 800 mm opaque door + 800 mm opaque door

## ■ LINKING SYSTEM FOR COMBINABLE CABINETS



**VARIOUS POSSIBILITIES** for linking combinable cabinets, achieving high-capacity structures at the height of any electrical installation



**INTERNAL LINKING COMPONENTS** supplied as accessories. Items made in 3 mm steel which, joined to the cabinet, guarantee absolute robustness of the structure



**JOINING AND LIFTING SYSTEM** for combinable cabinets, supplied as an accessory. Cabinets have additional reinforcement at the points of the structure which will support strains from transport



## CORNER MODULES ■



### APPLICATION ■

The corner module is ideal for linking cabinets where space is limited

### STRUCTURE ■

The corner module consists of the following components:

- 1 structural frame
- 1 top cover
- 1 rear panel
- Adjustable cable input covers
- Screws and assembly fittings



### SIZES ■

Available from 1.800x400x400 to 2.000x800x800

## ■ AUXILIARY MODULE



### ■ APPLICATION

The auxiliary module allows to create an area within the structure, especially designed for placing bus-bars vertically or small input switches



### ■ SIZES

The auxiliary module has a width of 400 mm and is available from 1.800x400x400 to 2.000x400x800 for all possible dimensions of combined cabinets



### ■ ACCESSORIES

#### FRONT COVERS

The front door covers close the front of the auxiliary module. They are available in different sizes for installing different size sections and for partially or totally opening the front

## ■ CONTROL CABINET PC



Includes:  
Monitor tray 19"  
Retractable keyboard tray to support mouse left or right



Computer equipment not included

## SWING FRAME ■



19" Swing frame available:

- 1.800 mm: 36 U
- 2.000 mm: 40 U
- 2.200 mm: 45 U



Reversible frame, opens right or left, with maximum opening of 180°. Retainer to secure the chassis frame in the open position, as standard



Protective cover built into the unit to cover the extra space for placing control and signalling components

Pressure insert lock as standard with other types of inserts available as accessories



Steel axis-hinge system to ensure the stability of the swing rack when fully loaded



## ■ FIXED FRAME

19" Fixed frame available for cabinets:

- 1.800 mm: 39 U
- 2.000 mm: 43 U
- 2.200 mm: 48 U

The unit is supplied fully assembled. Each of the following items must be ordered individually:

CABINET (pages 54-55) +  
 SIDE PANELS (page 56) +  
 FIXED FRAME PROFILE (page 69) +  
 FIXING BRACKETS \* (page 69) +  
 FINISHING LIDS (page 69) +  
 ASSEMBLY PROFILES (page 66)

*\* Only for 800 mm cabinet width. For cabinets of 600 mm the frame is fixed directly with profiles*



Highly robust, strong supports. Can be clipped on to the finishing lids



High strength  
 3-fold profile.  
 Punched at the  
 front and side of  
 the cabinet for  
 19" units

Finishing lids to  
 cover the side wiring,  
 attached with clips to  
 the profile supports



## ENCLOSURE FOR BUS-BARS SYSTEM ■

- This accessory is designed to install the bus-bars system inside and out of the enclosure itself, where the available space is optimised at the maximum
- It can be placed on the top or at the bottom of the enclosure. All its components are reversible, which makes the installation easy and quick



### COMPONENTS:

- Welded structure composed of profiles and corners
- 2 panels + 4 supports
- Corner joining kit (48112)
- Assembly screws



## SLIDEWAY ■



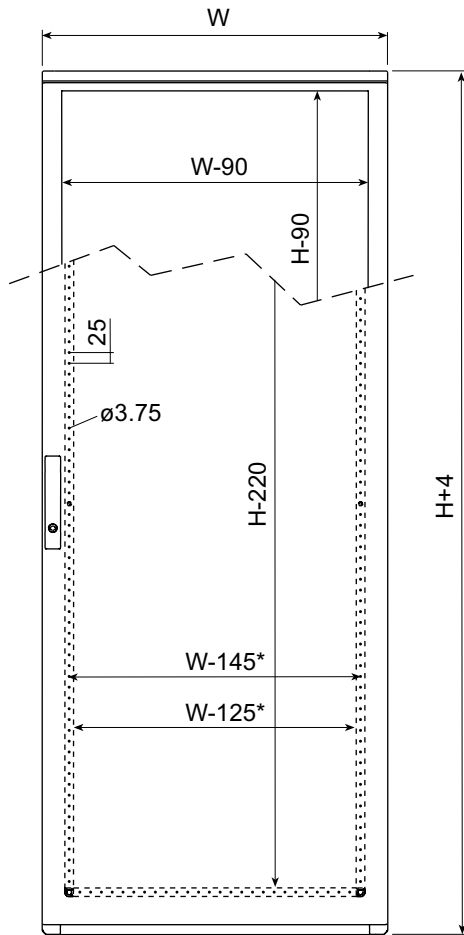
It enables to link the mounting plates, obtaining a strong structure which eases the assembling and the total use of the mounting plate surface.

The guide allows installing the mounting plate already assembled and to move it easily to the position desired.

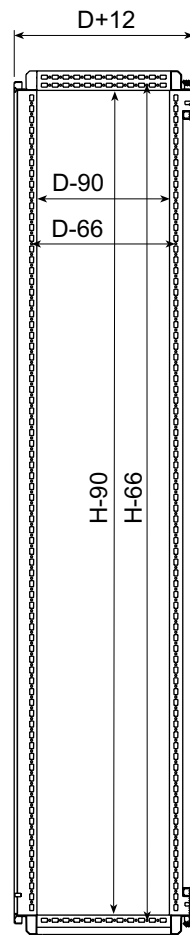
Once the mounting plate is placed in the desired position, it's fixed with special screws which prevent it from moving due to the vibration of the switchgear installed.

# ■ IP65 SINGLE-DOOR COMPACT CABINETS

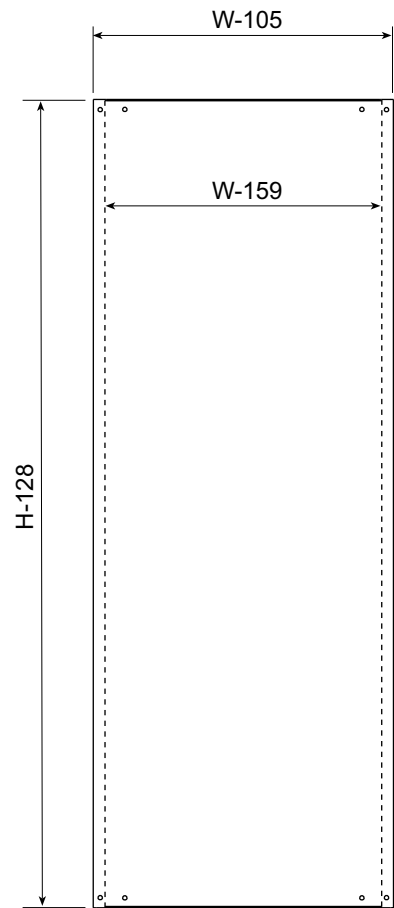
Front



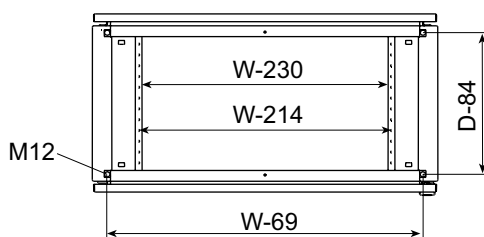
Side section



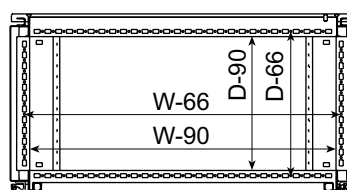
Mounting plate



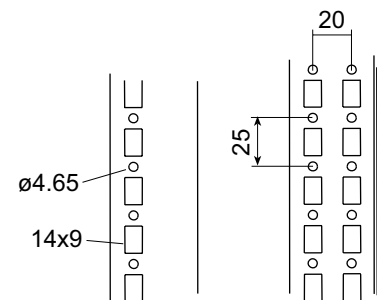
Ground plan



Ground plan section



Profile



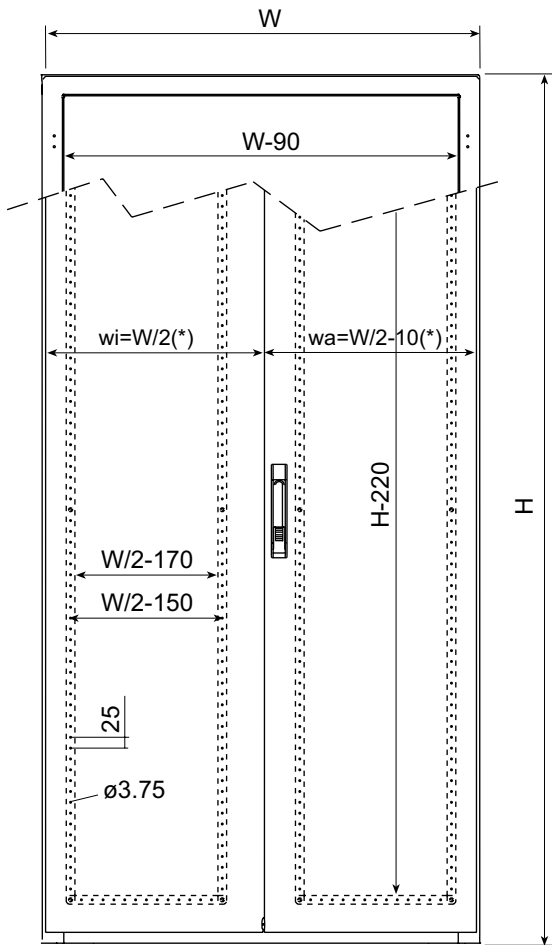
(\*) For W=600, change to W-170  
W-150

H	W	D	H	W	D	H	W	D
1.650	600	400	1.800	600	400	2.000	600	400
	800			800			800	
	1.000			1.000			1.000	
			1.800	800	500	2.000	800	500
				1.000			1.000	

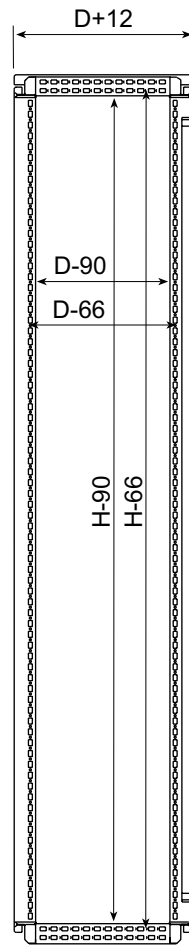
Height(H) x Width(W) x Depth(D). Dimensions in mm

## IP65 DOUBLE-DOOR COMPACT CABINETS ■

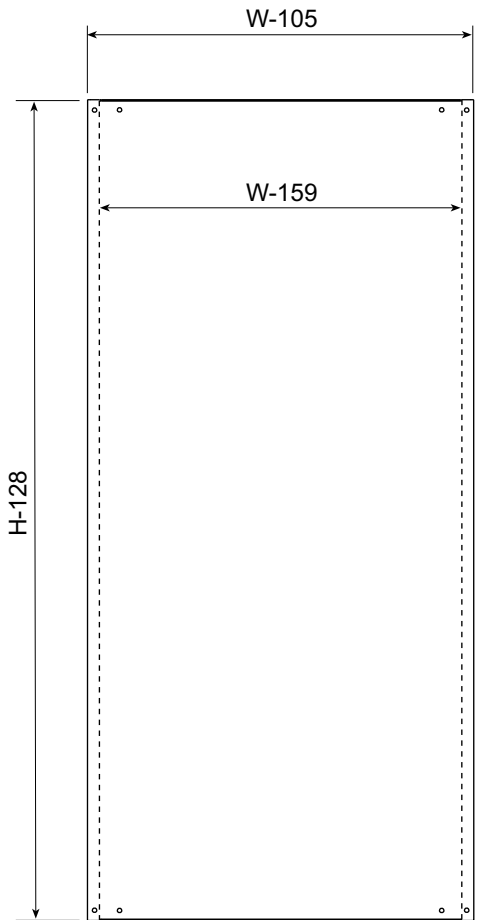
Front



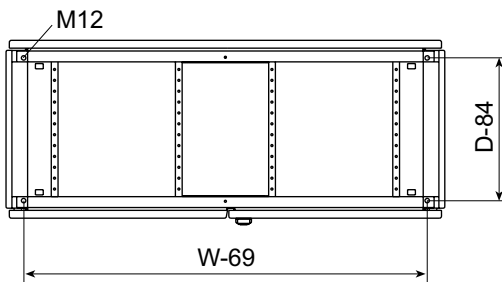
Side section



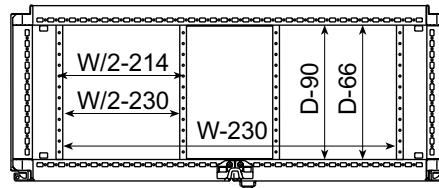
Mounting plate



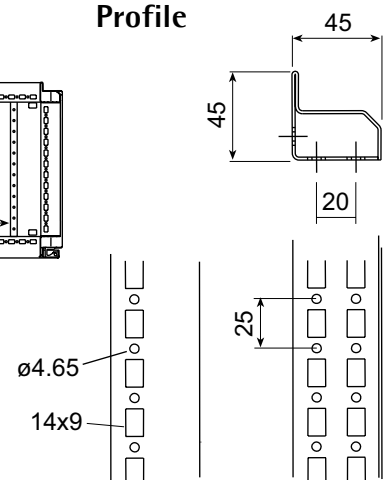
Ground plan



Ground plan section



Profile



(\*) For asymmetrical doors  $W=1000$ ,  $w_i=400$ ,  $w_a=590$   
 $W=1200$ ,  $w_i=400$ ,  $w_a=790$

H	W	D	H	W	D	H	W	D
1.650	1.000	400	1.800	1.000	400	2.000	1.000	400
	1.200			1.200				
			1.800	1.000	500	2.000	1.000	500
				1.200			1.200	

Height(H) x Width(W) x Depth(D). Dimensions in mm

# ■ IP65-IP55 COMPACT CABINETS



## ■ IP65 OPAQUE SINGLE-DOOR CABINETS WITH NO PLATE



PLINTH SUPPLIED AS AN ACCESSORY

### Commercial Ref.

Commercial Ref.	Dimensions (Height x Width x Depth)		
	Height	Width	Depth
FSC1656040PO/SP	1.650	600	400
FSC1658040PO/SP	1.650	800	400
FSC16510040PO/SP	1.650	1.000	400
FSC1806040PO/SP	1.800	600	400
FSC1808040PO/SP	1.800	800	400
FSC1808050PO/SP	1.800	800	500
FSC18010040PO/SP	1.800	1.000	400
FSC18010050PO/SP	1.800	1.000	500
FSC2006040PO/SP	2.000	600	400
FSC2008040PO/SP	2.000	800	400
FSC2008050PO/SP	2.000	800	500
FSC20010040PO/SP	2.000	1.000	400
FSC20010050PO/SP	2.000	1.000	500

## ISOLATION KIT

### Commercial Ref.

48690	IP65 Isolation kit
-------	--------------------

IP65 / NEMA 1, 12, 4

To achieve IP65 / NEMA 1, 12, 4 it's necessary to add isolation kit 48690

## ■ IP55 OPAQUE DOUBLE-DOOR CABINETS WITH NO PLATE



### Commercial Ref.

Commercial Ref.	Dimensions (Height x Width x Depth)		
	Height	Width	Depth
FSC16510040PO/DC	1.650	1.000	400
FSC16512040PO/DC	1.650	1.200	400
FSC18010040PO/DC	1.800	1.000	400
FSC18010050PO/DC	1.800	1.000	500
FSC18012040PO/DC	1.800	1.200	400
FSC18012050PO/DC	1.800	1.200	500
FSC20010040PO/DC	2.000	1.000	400
FSC20010050PO/DC	2.000	1.000	500
FSC20012040PO/DC	2.000	1.200	400
FSC20012050PO/DC	2.000	1.200	500

IP55 / NEMA 1, 12

WITH ELEVATION EYEBOLTS AND CABLE ENTRY COVER INCLUDED  
THESE CODES DON'T INCLUDE THE MOUNTING PLATE, SEE MOUNTING PLATES ON PAGE 56,  
SEE DIMENSIONS ON PAGES 48-49





## IP65-IP55 COMPACT CABINETS ■

### ■ IP65 TRANSPARENT SINGLE-DOOR CABINETS WITH NO PLATE



#### Commercial Ref.

Commercial Ref.	Dimensions (Height x Width x Depth)		
	Height	Width	Depth
FSC1656040PT/SP	1.650	600	400
FSC1658040PT/SP	1.650	800	400
FSC1806040PT/SP	1.800	600	400
FSC1808040PT/SP	1.800	800	400
FSC1808050PT/SP	1.800	800	500
FSC2006040PT/SP	2.000	600	400
FSC2008040PT/SP	2.000	800	400
FSC2008050PT/SP	2.000	800	500

### ISOLATION KIT

#### Commercial Ref.

48690	IP65 Isolation kit
-------	--------------------

IP65 / NEMA 1, 12, 4

To achieve IP65 / NEMA 1, 12, 4 it's necessary to add isolation kit 48690

### ■ IP55 TRANSPARENT DOUBLE-DOOR CABINETS WITH NO PLATE



#### Commercial Ref.

Commercial Ref.	Dimensions (Height x Width x Depth)		
	Height	Width	Depth
FSC16510040PT/DC	1.650	1.000	400
FSC16512040PT/DC	1.650	1.200	400
FSC18010040PT/DC	1.800	1.000	400
FSC18010050PT/DC	1.800	1.000	500
FSC18012040PT/DC	1.800	1.200	400
FSC18012050PT/DC	1.800	1.200	500
FSC20010040PT/DC	2.000	1.000	400
FSC20010050PT/DC	2.000	1.000	500
FSC20012040PT/DC	2.000	1.200	400
FSC20012050PT/DC	2.000	1.200	500

IP55 / NEMA 1, 12  
 Door 1000: PT600 + PO400  
 Door 1200: PT800 + PO400

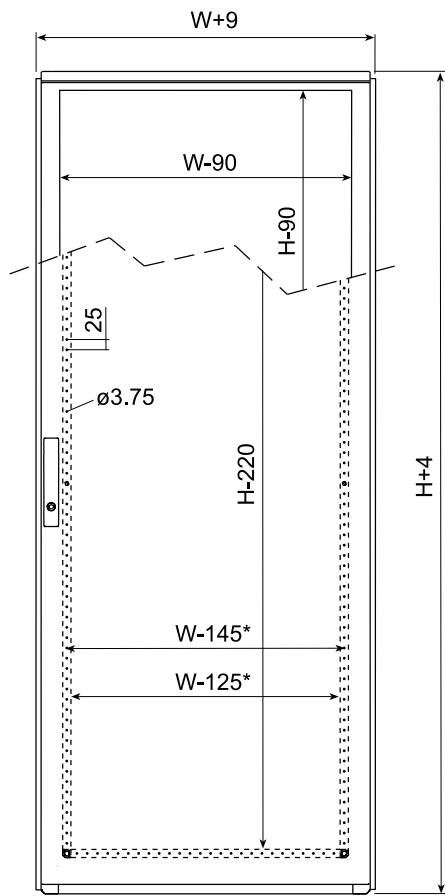
WITH ELEVATION EYEBOLTS AND CABLE ENTRY COVER INCLUDED

THESE CODES DON'T INCLUDE THE MOUNTING PLATE. SEE MOUNTING PLATES ON PAGE 56

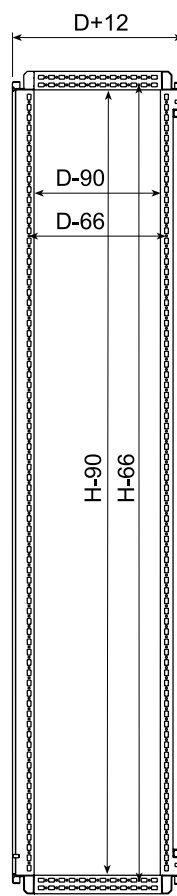
SEE DIMENSIONS ON PAGES 48-49

# IP55 SINGLE-DOOR COMBINABLE CABINETS

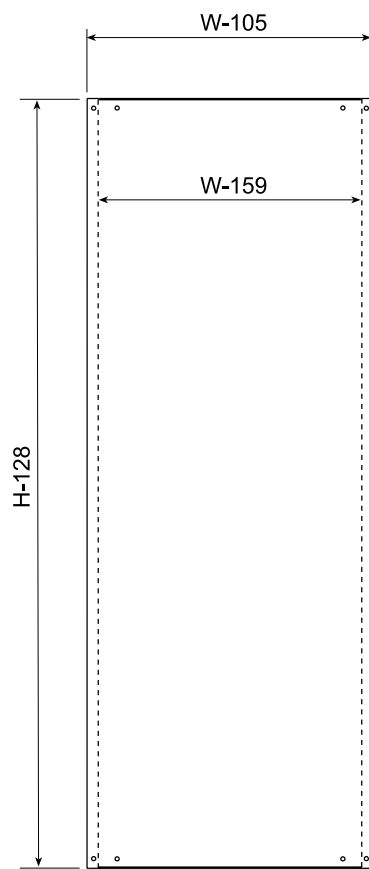
Front



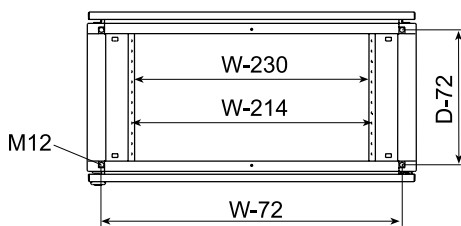
Side section



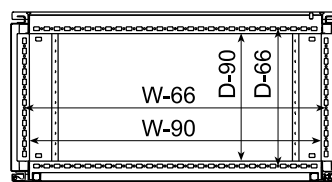
Mounting plate



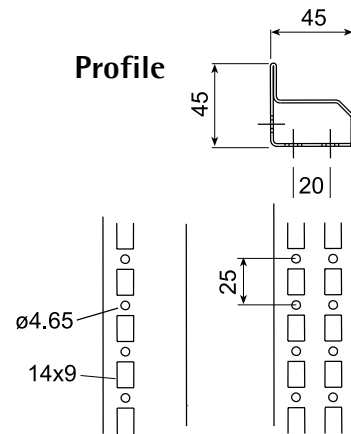
Ground plan



Ground plan section



Profile



(\* For W=600, change to W-170  
W-150

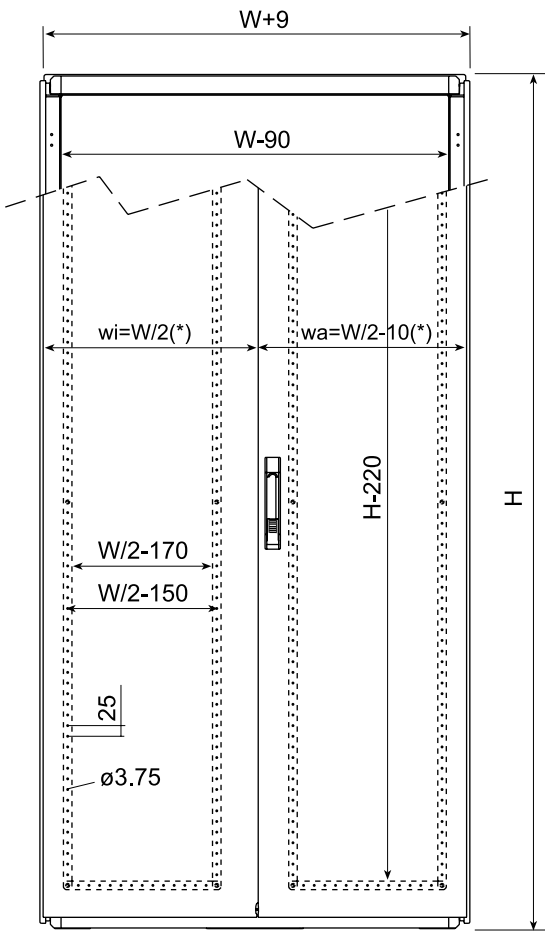
H	W	D	H	W	D	H	W	D				
1.800	600	400	2.000	600	400	2.200	800	600				
		500			500							
		600			600							
	800	400		800	400				800			
		500			500							
		600			600							
	1.000	1.000		400	1.000			1.000	800	800	800	
				500								500
				600								600

Height(H) x Width(W) x Depth(D).  
Dimensions in mm

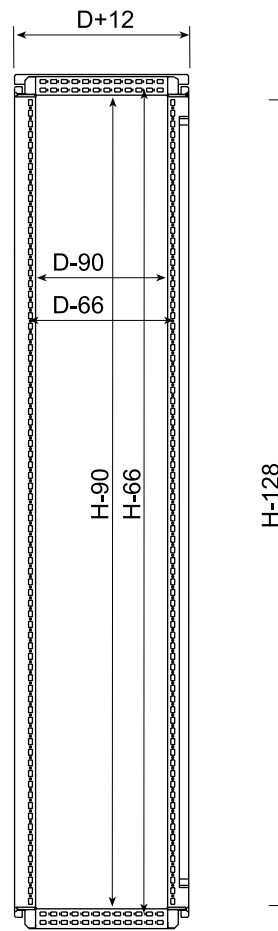
# dimensions ARGENTA PLUS

## IP55 DOUBLE-DOOR COMBINABLE CABINETS ■

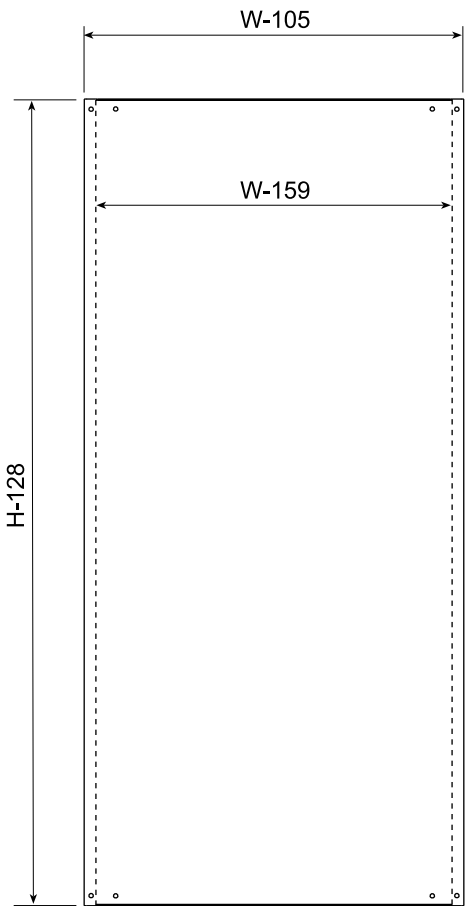
Front



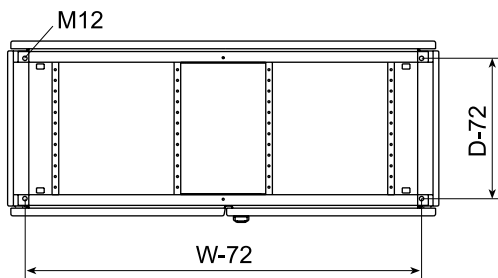
Side section



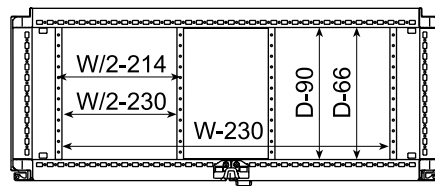
Mounting plate



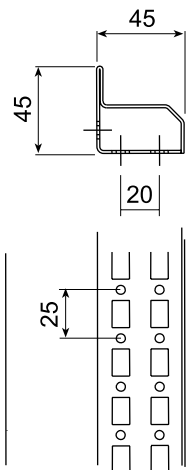
Ground plan



Ground plan section



Profile



(\*) For asymmetrical doors  $W=1000$ ,  $wi=400$ ,  $wa=590$   
 $W=1200$ ,  $wi=400$ ,  $wa=790$

H	W	D	H	W	D				
1.800	1.000	400	2.000	1.000	400				
		500			500				
		600			600				
	1.200	1.200		400	1.200	1.200	400		
				500			500		
				600			600		
		1.600		1.600		400	1.600	1.600	400
						500			500
						500			500

Height(H) x Width(W) x Depth(D).  
 Dimensions in mm

# ■ IP55 READY-ASSEMBLED COMBINABLE CABINETS



## ■ OPAQUE SINGLE-DOOR CABINETS WITH NO PLATE



PLINTH SUPPLIED AS AN ACCESSORY

Commercial Ref.	Dimensions (Height x Width x Depth)		
ENL1806040PO/SP	1.800	600	400
ENL1806050PO/SP	1.800	600	500
ENL1806060PO/SP	1.800	600	600
ENL1808040PO/SP	1.800	800	400
ENL1808050PO/SP	1.800	800	500
ENL1808060PO/SP	1.800	800	600
ENL18010040PO/SP	1.800	1.000	400
ENL18010050PO/SP	1.800	1.000	500
ENL18010060PO/SP	1.800	1.000	600
ENL2006040PO/SP	2.000	600	400
ENL2006050PO/SP	2.000	600	500
ENL2006060PO/SP	2.000	600	600
ENL2006080PO/SP	2.000	600	800
ENL2008040PO/SP	2.000	800	400
ENL2008050PO/SP	2.000	800	500
ENL2008060PO/SP	2.000	800	600
ENL2008080PO/SP	2.000	800	800
ENL20010040PO/SP	2.000	1.000	400
ENL20010050PO/SP	2.000	1.000	500
ENL20010060PO/SP	2.000	1.000	600
ENL20010080PO/SP	2.000	1.000	800
ENL2208060PO/SP	2.200	800	600
ENL2208080PO/SP	2.200	800	800

## ■ OPAQUE DOUBLE-DOOR CABINETS WITH NO PLATE



Commercial Ref.	Dimensions (Height x Width x Depth)		
ENL18010040PO/DC	1.800	1.000	400
ENL18010050PO/DC	1.800	1.000	500
ENL18010060PO/DC	1.800	1.000	600
ENL18012040PO/DC	1.800	1.200	400
ENL18012050PO/DC	1.800	1.200	500
ENL18012060PO/DC	1.800	1.200	600
ENL18016040PO/DC	1.800	1.600	400
ENL18016050PO/DC	1.800	1.600	500
ENL20010040PO/DC	2.000	1.000	400
ENL20010050PO/DC	2.000	1.000	500
ENL20010060PO/DC	2.000	1.000	600
ENL20010080PO/DC	2.000	1.000	800
ENL20012040PO/DC	2.000	1.200	400
ENL20012050PO/DC	2.000	1.200	500
ENL20012060PO/DC	2.000	1.200	600
ENL20012080PO/DC	2.000	1.200	800
ENL20016040PO/DC	2.000	1.600	400
ENL20016050PO/DC	2.000	1.600	500

IP55 / NEMA 1, 12

Dimensions in mm

WITH ELEVATION EYEBOLTS AND CABLE ENTRY COVER INCLUDED  
 THESE CODES DON'T INCLUDE THE SIDE PANELS AND THE MOUNTING PLATE (SEE REFERENCES ON PAGE 56,  
 SEE DIMENSIONS ON PAGES 52-53



## IP55 READY-ASSEMBLED COMBINABLE CABINETS ■

### ■ TRANSPARENT SINGLE-DOOR CABINETS WITH NO PLATE



Commercial Ref.	Dimensions (Height x Width x Depth)		
ENL1806040PT/SP	1.800	600	400
ENL1806050PT/SP	1.800	600	500
ENL1806060PT/SP	1.800	600	600
ENL1808040PT/SP	1.800	800	400
ENL1808050PT/SP	1.800	800	500
ENL1808060PT/SP	1.800	800	600
ENL2006040PT/SP	2.000	600	400
ENL2006050PT/SP	2.000	600	500
ENL2006060PT/SP	2.000	600	600
ENL2006080PT/SP	2.000	600	800
ENL2008040PT/SP	2.000	800	400
ENL2008050PT/SP	2.000	800	500
ENL2008060PT/SP	2.000	800	600
ENL2008080PT/SP	2.000	800	800
ENL2208060PT/SP	2.200	800	600
ENL2208080PT/SP	2.200	800	800

### ■ TRANSPARENT DOUBLE-DOOR CABINETS WITH NO PLATE



Commercial Ref.	Dimensions (Height x Width x Depth)		
ENL18010040PT/DC	1.800	1.000	400
ENL18010050PT/DC	1.800	1.000	500
ENL18010060PT/DC	1.800	1.000	600
ENL18012040PT/DC	1.800	1.200	400
ENL18012050PT/DC	1.800	1.200	500
ENL18012060PT/DC	1.800	1.200	600
ENL20010040PT/DC	2.000	1.000	400
ENL20010050PT/DC	2.000	1.000	500
ENL20010060PT/DC	2.000	1.000	600
ENL20010080PT/DC	2.000	1.000	800
ENL20012040PT/DC	2.000	1.200	400
ENL20012050PT/DC	2.000	1.200	500
ENL20012060PT/DC	2.000	1.200	600
ENL20012080PT/DC	2.000	1.200	800

Door 1000: PT600 + PO400  
Door 1200: PT800 + PO400

IP55 / NEMA 1, 12

WITH ELEVATION EYEBOLTS AND CABLE ENTRY COVER INCLUDED  
THESE CODES DON'T INCLUDE THE SIDE PANELS AND THE MOUNTING PLATE (SEE REFERENCES ON PAGE 56,  
SEE DIMENSIONS ON PAGES 52-53

Dimensions in mm



# ARGENTA PLUS accessories

## ■ SIDE PANELS

Commercial Ref.	Cabinet dimensions (Height x Depth)	
	PLA18040	1.800
PLA18050	1.800	500
PLA18060	1.800	600
PLA20040	2.000	400
PLA20050	2.000	500
PLA20060	2.000	600
PLA20080	2.000	800
PLA22060	2.200	600
PLA22080	2.200	800

Each reference contains 2 panels



PLINTH SUPPLIED LIKE ACCESSORY

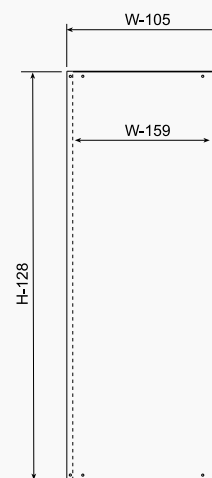
## ■ MOUNTING PLATES

### COMPLETE FLAT MOUNTING PLATES

Strengthened by folds which provide great rigidity. Identical for all two versions of cabinets



Commercial Ref.	Dimensions (Height x Width)	For Cabinet (Height x Width)	
		PL16560	1.522x500
PL16580	1.522x700	1.650	800
PL165100	1.522x900	1.650	1.000
PL165120	1.522x1.100	1.650	1.200
PL18040	1.672x300	1.800	400
PL18050	1.672x400	1.800	500
PL18060	1.672x500	1.800	600
PL18080	1.672x700	1.800	800
PL180100	1.672x900	1.800	1.000
PL180120	1.672x1.100	1.800	1.200
PL20040	1.872x300	2.000	400
PL20050	1.872x400	2.000	500
PL20060	1.872x500	2.000	600
PL20080	1.872x700	2.000	800
PL200100	1.872x900	2.000	1.000
PL200120	1.872x1.100	2.000	1.200
PL22080	2.072x700	2.200	800



ASSEMBLY ACCESSORY BAG INCLUDED

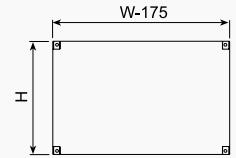
Dimensions in mm

## MOUNTING PLATES ■



### PARTIAL FLAT ASSEMBLY PLATES

Commercial Ref.	Dimensions (Height x Width)	For Cabinet (Width)
PLP2040	200x225	400
PLP2060	200x425	600
PLP2080	200x625	800
PLP3040	300x225	400
PLP3060	300x425	600
PLP3080	300x625	800
PLP30100	300x825	1.000
PLP30120	300x1.025	1.200
PLP4040	400x225	400
PLP4060	400x425	600
PLP4080	400x625	800
PLP40100	400x825	1.000
PLP40120	400x1.025	1.200
PLP6040	600x225	400
PLP6060	600x425	600
PLP6080	600x625	800
PLP60100	600x825	1.000
PLP60120	600x1.025	1.200



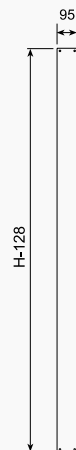
For partial slotted assembly plates, ask for prices and delivery terms

ASSEMBLY ACCESSORY BAG INCLUDED



### LINKING PLATES FOR COMBINABLE CABINETS

Commercial Ref.	Dimensions (Height x Width)	For Cabinet (Height)
PLC1800	1.672x95	1.800
PLC2000	1.872x95	2.000
PLC2200	2.072x95	2.200



ASSEMBLY ACCESSORY BAG INCLUDED

# ARGENTA PLUS accessories

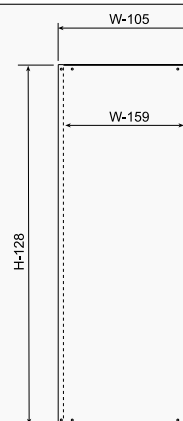
## METAL MOUNTING PLATES



### METAL SEPARATION PLATES FOR COMBINABLE CABINETS

Commercial Ref.	Dimensions (Height x Width)	For Cabinet (Height x Depth)	
PLS18040	1.672x295	1.800	400
PLS20040	1.872x295	2.000	400
PLS18050	1.672x395	1.800	500
PLS20050	1.872x395	2.000	500
PLS18060	1.672x495	1.800	600
PLS20060	1.872x495	2.000	600
PLS18080	1.672x695	1.800	800
PLS20080	1.872x695	2.000	800

ASSEMBLY ACCESSORY BAG INCLUDED



## SLIDEWAY



### Commercial Ref

48500	Plate union pack
GD400	Pack 400 mm slideway
GD600	Pack 600 mm slideway
GD800	Pack 800 mm slideway
GD1000	Pack 1.000 mm slideway
GD1200	Pack 1.200 mm slideway



Total width of the enclosure	Plate's combination	Total plate length	Total width of the cabinet	Plate's combination	Total plate length
1.000	2xPLxxx60	1.000	2.600	1xPLxxx120+3xPLxxx60	2.600
1.200	1xPLxxx80+1xPLxxx60	1.200	2.800	4xPLxxx80	2.800
1.400	2xPLxxx80	1.400	3.000	1xPLxxx100+3xPLxxx80	3.000
1.600	1xPLxxx100+1xPLxxx80	1.600	3.200	1xPLxxx120+3xPLxxx80	3.200
1.800	2xPLxxx100	1.800	3.400	3xPLxxx100+1xPLxxx80	3.400
2.000	1xPLxxx120+1xPLxxx100	2.000	3.600	4xPLxxx100	3.600
2.200	2xPLxxx120	2.200	3.800	3xPLxxx120+1xPLxxx60	3.800
2.400	2xPLxxx80+2xPLxxx60	2.400	4.000	3xPLxxx120+1xPLxxx80	4.000

## PACK OF ACCESSORIES FOR ASSEMBLY PLATES ■



**Commercial Ref.**

**48471** Pack of accessories to assemble the complete plate (4 units)



**Commercial Ref.**

**48472** Pack of accessories for partial plate (4 units)

**48419** Pack of accessories for separating plate (4 units)



**Commercial Ref.**

**48473** Pack of accessories for central support of complete plate (2 units)



**Commercial Ref.**

**48474** Pack of accessories to assemble the linking plate (2 units)

## COMBINABLE CABINETS ATTACHING & LINKING PACK ■



### INTERNAL LINKING PACK

**Commercial Ref.**

**48111** Internal linking pack (6 units)

**48112** Corner linking pack (4 units)

**48116** Mixed linking pack; 4 units internal linking + 4 units corner linking



### LINKING & LIFTING PACK

**Commercial Ref.**

**48114** Linking & lifting pack (2 units)



### WALL ATTACHMENT PACK

**Commercial Ref.**

**48113** Wall attachment pack (2 units)

# ARGENTA PLUS accessories

## MODULAR COVERS

### MODULAR HINGED



Commercial Ref.	Dimensions (Height x Width)		No. modules
TMA1560	150	600	23
TMA1580	150	800	33
TMA2060	200	600	23
TMA2080	200	800	33
TMA3060	300	600	2x23
TMA3080	300	800	2x33
TMA4060	400	600	2x23
TMA4080	400	800	2x33

### BLANK HINGED



Commercial Ref.	Dimensions (Height x Width)		No. modules
TCA1560	150	600	
TCA1580	150	800	
TCA2060	200	600	
TCA2080	200	800	
TCA3060	300	600	
TCA3080	300	800	
TCA4060	400	600	
TCA4080	400	800	
TCA6060	600	600	
TCA6080	600	800	

### MODULAR FIXED



Commercial Ref.	Dimensions (Height x Width)		No. modules
TMF1560	150	600	24
TMF1580	150	800	34
TMF15100	150	1000	46
TMF2060	200	600	24
TMF2080	200	800	34
TMF20100	200	1000	46
TMF3060	300	600	2x24
TMF3080	300	800	2x34
TMF30100	300	1000	2x46
TMF4060	400	600	2x24
TMF4080	400	800	2x34
TMF40100	400	1000	2x46

### BLANK FIXED



Commercial Ref.	Dimensions (Height x Width)		No. modules
TCF0560	50	600	
TCF0580	50	800	
TCF05100	50	1000	
TCF1060	100	600	
TCF1080	100	800	
TCF10100	100	1000	
TCF1560	150	600	
TCF1580	150	800	
TCF15100	150	1000	
TCF2060	200	600	
TCF2080	200	800	
TCF20100	200	1000	
TCF3060	300	600	
TCF3080	300	800	
TCF30100	300	1000	
TCF4060	400	600	
TCF4080	400	800	
TCF40100	400	1000	
TCF6060	600	600	
TCF6080	600	800	
TCF60100	600	1000	

Dimensions in mm



# accessories ARGENTA PLUS

## ASSEMBLY SUPPORTS + DIN RAIL



### Commercial Ref.

48154	Attachment kit + 600 mm DIN rail
48156	Attachment kit + 800 mm DIN rail
48158	Attachment kit + 1000 mm DIN rail

See more references on page 121

## TRUNKING SUPPORT KIT



### Commercial Ref.

49366	600 mm vertical trunking support (18 modules)
49367	800 mm vertical trunking support (28 modules)



### Commercial Ref.

49368	Horizontal trunking support (2 pcs. bag)
-------	--

## MODULAR FRAME

### MODULAR FRAME (WITHOUT DIVIDING DOOR)

Double frame for 1200 and 1600 mm width cabinets



Commercial Ref.	Useful space (Height x Width)		For cabinet (Height x Width)	
	Height	Width	Height	Width
BTM16560	1.450	600	1.650	600
BTM16580	1.450	800	1.650	800
BTM18060	1.600	600	1.800	600
BTM18080	1.600	800	1.800	800
BTM180100	1.600	1.000	1.800	1.000
BTM180120	1.600	600+600	1.800	1.200
BTM180160	1.600	800+800	1.800	1.600
BTM20060	1.800	600	2.000	600
BTM20080	1.800	800	2.000	800
BTM200100	1.800	1.000	2.000	1.000
BTM200120	1.800	600+600	2.000	1.200
BTM200160	1.800	800+800	2.000	1.600
BTM22080	2.000	800	2.200	800

### MODULAR FRAME (WITH DIVIDING DOOR)

Dividing door width 400 mm



Commercial Ref.	Useful space (Height x Width)		For cabinet (Height x Width)	
	Height	Width	Height	Width
BTM165100/P400	1.450	600	1.650	1.000
BTM165120/P400	1.450	800	1.650	1.200
BTM180100/P400	1.600	600	1.800	1.000
BTM180120/P400	1.600	800	1.800	1.200
BTM200100/P400	1.800	600	2.000	1.000
BTM200120/P400	1.800	800	2.000	1.200

### MODULAR FRAME (WITH PARTITION COLUMN)

Partition column width 200 mm

Commercial Ref.	Useful space (Height x Width)		For cabinet (Height x Width)	
	Height	Width	Height	Width
BTM18080/E200	1600	600	1.800	800
BTM180100/E200	1600	800	1.800	1.000
BTM20080/E200	1800	600	2.000	800
BTM200100/E200	1800	800	2.000	1.000
BTM22080/E200	2000	600	2.200	800

Dimensions in mm

# ARGENTA PLUS accessories

## CORNER MODULES



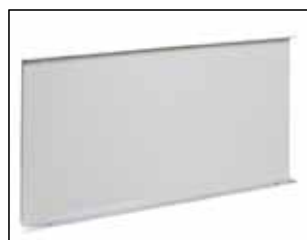
Commercial Ref.	Dimensions (Height x Width x Depth)	For Corners	
		Depth 1	Depth 2
ESQ1804040	1.800x400x400	400x400	
ESQ1804050	1.800x400x500	400x500	500x400
ESQ1804060	1.800x400x600	400x600	600x400
ESQ1805050	1.800x500x500	500x500	
ESQ1805060	1.800x500x600	500x600	600x500
ESQ1806060	1.800x600x600	600x600	
ESQ2004040	2.000x400x400	400x400	
ESQ2004050	2.000x400x500	400x500	500x400
ESQ2004060	2.000x400x600	400x600	600x400
ESQ2004080	2.000x400x800	400x800	800x400
ESQ2005050	2.000x500x500	500x500	
ESQ2005060	2.000x500x600	500x600	600x500
ESQ2005080	2.000x500x800	500x800	800x500
ESQ2006050	2.000x600x500	600x500	500x600
ESQ2006060	2.000x600x600	600x600	
ESQ2006080	2.000x600x800	600x800	800x600
ESQ2008080	2.000x800x800	800x800	

## AUXILIARY MODULE



Commercial Ref.	Dimensions (AxBxC)	For Cabinets
		(Height x Depth)
MEX1804040	1.800x400x400	1.800x400
MEX1804050	1.800x400x500	1.800x500
MEX1804060	1.800x400x600	1.800x600
MEX2004040	2.000x400x400	2.000x400
MEX2004050	2.000x400x500	2.000x500
MEX2004060	2.000x400x600	2.000x600
MEX2004080	2.000x400x800	2.000x800
MEX2204060	2.200x400x600	2.200x600
MEX2204080	2.200x400x800	2.200x800

## COVER FOR AUXILIARY MODULE



Commercial Ref.	
TCF3040	Blanking cover for 300x400 auxiliary module
TCF4040	Blanking cover for 400x400 auxiliary module
TCF6040	Blanking cover for 600x400 auxiliary module
TCF16040	Blanking cover for 1.600x400 auxiliary module
TCF18040	Blanking cover for 1.800x400 auxiliary module



Commercial Ref.	
48642	Upper-lower cover for auxiliary module (2 pcs.)

## BUS-BAR ENCLOSURE ■



### Commercial Ref.

CE404060  
CE404080  
CE406060  
CE406080  
CE408060  
CE408080  
CE4010060  
CE4010080  
CE4012060  
CE4012080

### Dimensions (Height x Width x Depth)

400x400x600  
400x400x800  
400x600x600  
400x600x800  
400x800x600  
400x800x800  
400x1.000x600  
400x1.000x800  
400x1.200x600  
400x1.200x800

## SIDE PANELS FOR BUS-BAR ENCLOSURE


### Commercial Ref.

PLCE600  
PLCE800


400x600 panels (2 pcs.)  
400x800 panels (2 pcs.)

# ARGENTA PLUS accessories




## ■ ROOF OF NATURAL VENTILATION

	Commercial Ref.	Dimensions (Width x Depth)
	TVN6040	600x400
TVN6050	600x500	
TVN6060	600x600	
TVN6080	600x800	
TVN8040	800x400	
TVN8050	800x500	
TVN8060	800x600	
TVN8080	800x800	
TVN10040	1.000x400	
TVN10050	1.000x500	
TVN10060	1.000x600	
TVN10080	1.000x800	
TVN12040	1.200x400	
TVN12050	1.200x500	
TVN12060	1.200x600	
TVN12080	1.200x800	
TVN16040	1.600x400	
TVN16050	1.600x500	

## ■ ROOF-ELEVATING ITEMS

	Commercial Ref.	
	48152	Roof elevating items (4 units.)

## ■ INSULATINS JOINTS

	PROTECTIVE JOINTS	
	Commercial Ref.	
	48478	Protective joint for cut-cuts
	INSULATING JOINTS	
	Commercial Ref.	
	48479	Insulation gasket for joined cabinets (6 m)
	48480	Adhesive insulation gasket for joined cabinets (6 m)
	48636	Insulation gasket (1 m) + adhesive insulation gasket (4,5 m)
	Commercial Ref.	
	48481	Insulating brush for cable entry (2 m)

## PLINTH ■



### CORNERS & FRONT COVERS

Commercial Ref.

100 PLINTH		Cabinet width
ZCL1040	100	400
ZCL1050	100	500
ZCL1060	100	600
ZCL1080	100	800
ZCL10100	100	1.000
ZCL10120	100	1.200
200 PLINTH		
ZCL2040	200	400
ZCL2050	200	500
ZCL2060	200	600
ZCL2080	200	800
ZCL20100	200	1.000
ZCL20120	200	1.200
200 PLINTH (Plinth 100 + 100)		
ZCL2T1040	100 + 100	400
ZCL2T1050	100 + 100	500
ZCL2T1060	100 + 100	600
ZCL2T1080	100 + 100	800
ZCL2T10100	100 + 100	1.000
ZCL2T10120	100 + 100	1.200



### SIDE COVERS

Commercial Ref.

100 PLINTH		Cabinet depth
TLZCL1040	100	400
TLZCL1050	100	500
TLZCL1060	100	600
TLZCL1080	100	800
200 PLINTH		
TLZCL2040	200	400
TLZCL2050	200	500
TLZCL2060	200	600
TLZCL2080	200	800



# ARGENTA PLUS accessories

## ■ MOUNTING PROFILES



### MOUNTING PROFILES FOR MODULAR FRAME

#### Commercial Ref.

<b>PMB400</b>	Frame profile for 400 mm-depth cabinet (2 profiles)
<b>PMB500</b>	Frame profile for 500 mm-depth cabinet (2 profiles)
<b>PMB600</b>	Frame profile for 600 mm-depth cabinet (2 profiles)
<b>PMB800</b>	Frame profile for 800 mm-depth cabinet (2 profiles)



### EXTERNAL MOUNTING PROFILES

#### Commercial Ref.

<b>PME400</b>	External profile for 400 mm-depth cabinet (2 profiles)
<b>PME500</b>	External profile for 500 mm-depth cabinet (2 profiles)
<b>PME600</b>	External profile for 600 mm width and depth cabinet (2 profiles)
<b>PME800</b>	External profile for 800 mm width and depth cabinet (2 profiles)
<b>PME1000</b>	External profile for 1.000 mm width cabinet (2 profiles)
<b>PME1200</b>	External profile for 1.200 mm width cabinet (2 profiles)
<b>PME1650</b>	External profile for 1.650 mm height cabinet (2 profiles)
<b>PME1800</b>	External profile for 1.800 mm height cabinet (2 profiles)
<b>PME2000</b>	External profile for 2.000 mm height cabinet (2 profiles)



### INTERNAL MOUNTING PROFILES

#### Commercial Ref.

<b>PMI400</b>	Internal profile for 400 mm-depth cabinet (2 profiles)
<b>PMI500</b>	Internal profile for 500 mm-depth cabinet (2 profiles)
<b>PMI600</b>	Internal profile for 600 mm width and depth cabinet (2 profiles)
<b>PMI800</b>	Internal profile for 800 mm width and depth cabinet (2 profiles)
<b>PMI1000</b>	Internal profile for 1.000 mm width cabinet (2 profiles)
<b>PMI1200</b>	Internal profile for 1.200 mm width cabinet (2 profiles)
<b>PMI1650</b>	Internal profile for 1.650 mm height cabinet (2 profiles)
<b>PMI1800</b>	Internal profile for 1.800 mm height cabinet (2 profiles)
<b>PMI2000</b>	Internal profile for 2.000 mm height cabinet (2 profiles)



### INTERIOR PARTITION PROFILE

#### Commercial Ref.

<b>PPI400</b>	Partition profile for cabinet, depth 400 mm (2 profiles)
<b>PPI500</b>	Partition profile for cabinet, depth 500 mm (2 profiles)
<b>PPI600</b>	Partition profile for cabinet, depth 600 mm (2 profiles)
<b>PPI800</b>	Partition profile for cabinet, depth 800 mm (2 profiles)

# accessories ARGENTA PLUS

## IP55 METAL CABINETS FOR APPLICATION PC






Includes:  
 Monitor tray 19"  
 Retractable keyboard tray to support mouse left or right  
 Computer equipment not included


Commercial Ref.	Dimensions (Height x Width x Depth)
ENLPC1656060	1.650x600x600
ENLPC1656080	1.650x600x800

## TRAYS FOR APPLICATION PC



Commercial Ref.		For cabinet (Width x Depth)
BNF6040	600x320 fixed tray	600x400
BNF6060	600x520 fixed tray	600x600
BNF6080	600x720 fixed tray	600x800


## PROFILES FOR 19" RACK



Commercial Ref.	
PMR19/10U	Profile for 19" rack 10U (2 profiles)


Two sets of profiles PME or PMI, of the same depth of the enclosure are needed to be assembled

## LOCKS



Commercial Ref.	
48526	2.5 slotted 1/4 turning lock
48527	1/4 turning lock with wing nut without key
48528	1/4 turning lock with wing nut with key code 2233

## ENCLOSURES FOR SOCKETS AND AUTOMATIC SWITCHES



Commercial Ref.	
SV4100	Grey with transparent window

1 enclosure 4 modules. Ref. CS4PT + 4 sockets 2P+TT LAT. 16A, 220V + connecting conductors

# ARGENTA PLUS accessories

## ■ IP55 COMBINABLE CABINETS WITH SWING-FRAME



### Commercial Ref.

### Dimensions (Height x Width x Depth)

ENLBP1808060PT/SP	1.800	800	600
ENLBP1808080PT/SP	1.800	800	800
ENLBP2008060PT/SP	2.000	800	600
ENLBP2008080PT/SP	2.000	800	800
ENLBP2208060PT/SP	2.200	800	600
ENLBP2208080PT/SP	2.200	800	800

IP55 / NEMA 1, 12

Frame, side panels and cable entry cover included. Plinth supplied as accessory  
Asymmetrical transparent door.

## ■ SWING-FRAME FOR 19" RACK



### Commercial Ref.

### Assembly units

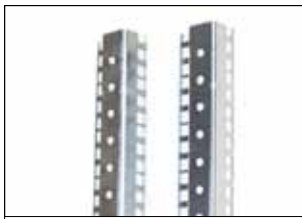
### Dimensions (Height x Width x Depth)

BP19/36U	36U	1.800x800x600
BP19/40U	40U	2.000x800x600/800
BP19/45U	45U	2.200x800x600/800

Dimensions in mm

# accessories ARGENTA PLUS

## FIXED FRAME FOR 19" RACK ■



### FIXED FRAME PROFILE

Commercial Ref.	Assembly units	For Cabinet (Height x Width)
<b>BF19/39U</b>	19" 39U fixed frame profile (2 pcs.)	1.800x600/800
<b>BF19/43U</b>	19" 43U fixed frame profile (2 pcs.)	2.000x600/800
<b>BF19/48U</b>	19" 48U fixed frame profile (2 pcs.)	2.200x600/800

For 600 mm cabinet width 4 PME profiles are needed.  
For 800 mm cabinet width 6 PME profiles are needed.



### FINISHING LIDS \*

Commercial Ref.	Assembly units
<b>EBF19/39U</b>	19" 39U end cap (4 pcs.)
<b>EBF19/43U</b>	19" 43U end cap (4 pcs.)
<b>EBF19/48U</b>	19" 48U end cap (4 pcs.)



### FIXING BRACKETS \*

Commercial Ref.	Assembly units
<b>SBF19</b>	Bracket for 19" fixed frame profile (2 pcs.)

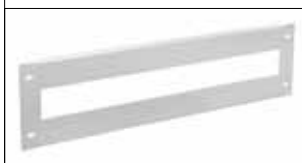
\* Suitable only for 800 mm cabinet width

## COVERS FOR 19" RACK FRAME ■



### BLANK COVERS

Commercial Ref.	Assembly units
<b>TCB1U</b>	1U blank cover frame
<b>TCB2U</b>	2U blank cover frame
<b>TCB3U</b>	3U blank cover frame
<b>TCB4U</b>	4U blank cover frame
<b>TCB6U</b>	6U blank cover frame
<b>TCB9U</b>	9U blank cover frame
<b>TCB10U</b>	10U blank cover frame
<b>TCB12U</b>	12U blank cover frame



### MODULAR COVERS

Commercial Ref.	Assembly units
<b>TMB3U</b>	3U (24 modules) modular cover frames

## TRAY FOR RACK 19" ■



Commercial Ref.	Assembly units
<b>BNF19-1/2U</b>	Adjustable tray 19" 1/2U L=400-600 mm
<b>BNF19-1U/200</b>	Fix tray 19" 1U L=200 mm
<b>BNF19-2U/250</b>	Fix tray 19" 2U L=250 mm
<b>BNF19-2U/400</b>	Fix tray 19" 2U L=400 mm



# ARGENTA PLUS accessories

## DOORS



### SINGLE DOORS

#### OPAQUE

Commercial Ref.	For cabinet (Height x Width)	
PO16560	1.650	600
PO16580	1.650	800
PO165100	1.650	1.000
PO18060	1.800	600
PO18080	1.800	800
PO180100	1.800	1.000
PO20060	2.000	600
PO20080	2.000	800
PO200100	2.000	1.000

#### TRANSPARENT

PT16560	1.650	600
PT16580	1.650	800
PT18060	1.800	600
PT18080	1.800	800
PT20060	2.000	600
PT20080	2.000	800



### SYMMETRICAL OPAQUE DOUBLE DOORS

Two doors by ref. no. with double internal lock. Cabinet of 1.000: PO500 + PO500  
Cabinet of 1.200: PO600 + PO600

SYMMETRICAL Commercial Ref.	For cabinet (Height x Width)	
PODCS165100	1.650	1.000
PODCS165120	1.650	1.200
PODCS180100	1.800	1.000
PODCS180120	1.800	1.200
PODCS180160	1.800	1.600
PODCS200100	2.000	1.000
PODCS200120	2.000	1.200
PODCS200160	2.000	1.600



### ASYMMETRICAL TRANSPARENT DOUBLE DOORS

Two doors by ref. no. with double internal lock. Cabinet of 1.000: PT600 + PO400  
Cabinet of 1.200: PT800 + PO400

ASYMMETRICAL Commercial Ref.	For cabinet (Height x Width)	
PTDCA165100	1.650	1.000
PTDCA165120	1.650	1.200
PTDCA180100	1.800	1.000
PTDCA180120	1.800	1.200
PTDCA200100	2.000	1.000
PTDCA200120	2.000	1.200



### INTERNAL DOORS



Commercial Ref.	For cabinet (Height x Width)	
PIN16560	1.650	600
PIN16580	1.650	800
PIN18040	1.800	400
PIN18060	1.800	600
PIN18080	1.800	800
PIN20040	2.000	400
PIN20060	2.000	600
PIN20080	2.000	800
PIN200100	2.000	1.000




## MOUNTING PROFILES FOR DOORS

	<b>Commercial Ref.</b>	
	<b>PPAP600</b>	600 mm mounting profile (1 unit)
	<b>PPAP800</b>	800 mm mounting profile (1 unit)
	<b>PPAP1000</b>	1.000 mm mounting profile (1 unit)




## TRAY FOR COMPACT AND COMBINABLE CABINETS

	<b>Commercial Ref.</b>		
	<b>48776</b>	PC Tray	
For cabinet width 800 and 1.000 mm it is necessary to request 2 profiles PPAP800 or PPAP1000			
	<b>Commercial Ref.</b>		<b>For cabinet (Width x Depth)</b>
	<b>BNF6040</b>	600x320 fixed tray	600x400
	<b>BNF6060</b>	600x520 fixed tray	600x600
	<b>BNF6080</b>	600x720 fixed tray	600x800
	<b>BNF8040</b>	800x320 fixed tray	800x400
	<b>BNF8060</b>	800x520 fixed tray	800x600
	<b>BNF8080</b>	800x720 fixed tray	800x800
For installation it is necessary the ref. PMI or PME (See page 66)			

## LOCKS

	<b>Commercial Ref.</b>	
	<b>48463</b>	Triangular insert closure 7 + triangular key
	<b>48464</b>	Keyless pressure insert lock
	<b>48465</b>	Safety insert lock with key
	<b>48522</b>	1/4 turning lock with handle RAL7016
	<b>48460</b>	Zamak double-bit key 5

## PACKS FOR DOORS

	<b>Commercial Ref.</b>	
	<b>48483</b>	Double-door inside lock + rod 1.650
	<b>48484</b>	Double-door inside lock + rod 1.800
<b>48485</b>	Double-door inside lock + rod 2.000	
	<b>Commercial Ref.</b>	
	<b>48461</b>	Pack of hinge (4 units)
<b>48525</b>	Pack of 180° hinge (4 units)	
	<b>Commercial Ref.</b>	
	<b>48482</b>	Pack of lock retainer (4 units)



# Baltic

## ■ IP55 CONSOLES

The new BALTIC console series has an elegant and functional design, conceived to favour maximum versatility and the best access for the operator. Consoles manufactured with high quality cold-rolled steel materials, with IP55 protection degree and maximum impact resistance IK10.

It is available in two versions, consoles with synoptic control panel and consoles with control panel. The possibility of customized projects also exists to adapt to the needs of each installation.

This series is complemented with a wide range of installation accessories, such as plates, profiles, plinths, etc., which provide global solutions so that the user is sure to find the one that adapts best to their needs.



## TECHNICAL DATA

■ degree of protection	<b>IP55</b>
■ resistance to impact	<b>IK10</b>
■ range of temperature under normal conditions	<b>-25°C/+40°C</b> (50% rate of humidity)
■ maximum operation voltage (Ue)	<b>1000 V AC.</b>
■ materials	<b>Cold-rolled steel sheeting</b>
■ colour	<b>RAL 7035</b>

According to low tension directive 2006/95/CE  
Norm: UNE-EN 62208

The technical features described above are achieved using the components of the whole, and the accessories supplied by IDE, mounted and assembled according to the corresponding technical guidelines and instruction sheets.

# technical FEATURES



## CONSOLE WITH SYNOPTIC CONTROL PANELS

- Available in two versions, consoles with synoptic control panels and consoles with control panel, with the possibility of carrying out special projects

## CONSOLE WITH CONTROL PANEL



## SPECIAL PROJECTS





## DOOR RETAINERS

Door retainer system via gas springs

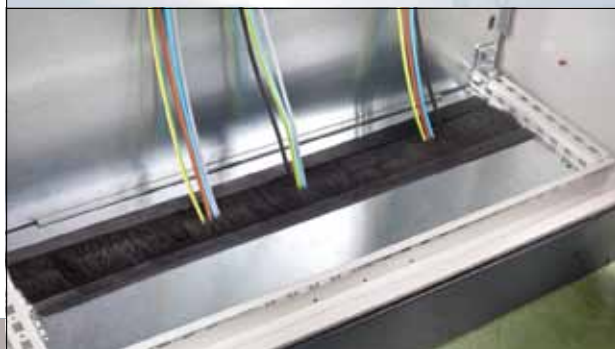


## RETAINERS



## CABLE ENTRY LID

- Adjustable and interchangeable lids
- Three 135 mm lids for consoles measuring 600, 800 and 1000 mm width
- 2x3 135 mm lids for consoles measuring 1200 and 1600 mm width with a removable centre strip
- Common for both console versions





# technical FEATURES

## CONSOLES WITH SYNOPTIC CONTROL PANEL



Module fastening system with bolts to form one complete and compact case



IP55 protection degree achieved by installing an insulation gasket



Rear doors that permit access to the interior of the console

## CONSOLES WITH CONTROL PANEL



- Full rear door with access to interior including the horizontal plate area

# accessories FEATURES

Vertical assembly plates,  
adjustable in depth



Different possibilities and  
combinations for fitting the  
assembly plates

Horizontal assembly plates,  
directly screwed to the case  
profiles



Possibility of fitting the vertical  
and horizontal plates at the  
same time



- Horizontal assembly profile depths of 400 and 500 mm
- Double vertical assembly profile, 700 mm high
- Profile for 19" rack
- Transverse assembly profile for console widths of 600, 800, 1.000, 1.200 and 1.600 mm

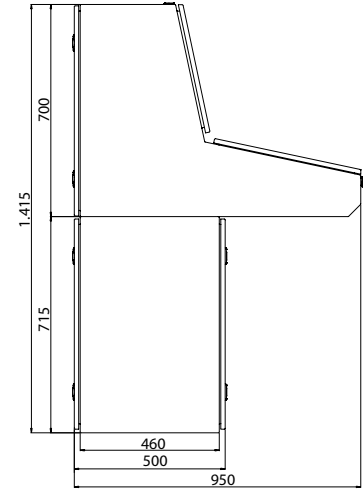
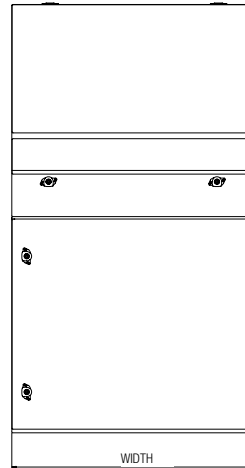


100 and 200 mm plinths, supplied as  
accessories



Hook lock, with possibility of supplying other  
types of locking systems as accessories

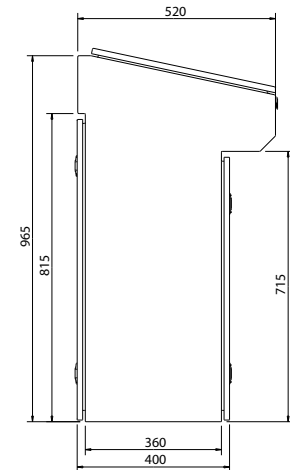
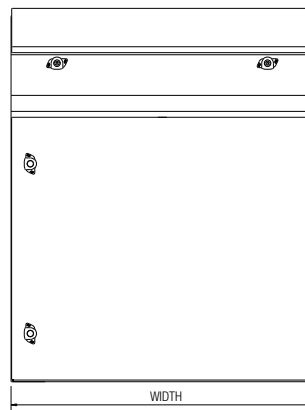
## ■ IP55 CONSOLE WITH SYNOPTIC CONTROL PANEL



### Commercial Ref.

		Height	Width	Depth	
<b>PSC800</b>	800 synoptic-control console	1.415	800	500	950
<b>PSC1000</b>	1.000 synoptic-control console	1.415	1.000	500	950
<b>PSC1200</b>	1.200 synoptic-control console	1.415	1.200	500	950
<b>PSC1600</b>	1.600 synoptic-control console	1.415	1.600	500	950

## ■ IP55 CONSOLE WITH CONTROL PANEL



### Commercial Ref.

		Height	Width	Depth	
<b>PC600</b>	600 control console	965	600	400	520
<b>PC800</b>	800 control console	965	800	400	520
<b>PC1000</b>	1.000 control console	965	1.000	400	520
<b>PC1200</b>	1.200 control console	965	1.200	400	520



### CORNERS & FRONT COVERS

Commercial Ref.

100 PLINTH		Cabinet width
ZCL1060	100	600
ZCL1080	100	800/1.600
ZCL10100	100	1.000
ZCL10120	100	1.200
200 PLINTH		
ZCL2060	200	600
ZCL2080	200	800/1.600
ZCL20100	200	1.000
ZCL20120	200	1.200
200 PLINTH (Plinth 100 + 100)		
ZCL2T1060	100 + 100	600
ZCL2T1080	100 + 100	800/1.600
ZCL2T10100	100 + 100	1.000
ZCL2T10120	100 + 100	1.200



### SIDE COVERS

Commercial Ref.

100 PLINTH		Cabinet depth
TLZCL1040	100	400
TLZCL1050	100	500
200 PLINTH		
TLZCL2040	200	400
TLZCL2050	200	500



## ■ MOUNTING PLATES



### HORIZONTAL PLATES

HEIGHT: 400 MM

Commercial Ref.	For cabinet	Dimensions (Height x Width)
PLBE600	600 width	394 x 517
PLBE800	800 width	394 x 717
PLBE1000	1.000 width	394 x 917
PLBE1200	1.200 width	394 x 1.121
PLBE1600	1.600 width	394 x 1.517

### VERTICAL PLATES

HEIGHT: 600 MM

Commercial Ref.	For cabinet	Dimensions (Height x Width)
PLBA600	600 width	642 x 521
PLBA800	800 width	642 x 721
PLBA1000	1.000 width	642 x 921
PLBA1200	1.200 width	642 x 1.121
PLBA1600	1.600 width	642 x 1.521

HEIGHT: 900 MM

Commercial Ref.	For cabinet	Dimensions (Height x Width)
PLBI600	600 width	900 x 521
PLBI800	800 width	900 x 721
PLBI1000	1.000 width	900 x 921
PLBI1200	1.200 width	900 x 1.121
PLBI1600	1.600 width	900 x 1.521

ASSEMBLY ACCESSORY BAG INCLUDED IN ALL REFERENCES

## ■ LOCKS



Commercial Ref.

46250	Hook lock
46251	Gas spring for hook lock

## ■ ELEVATION PACK FOR CABINETS





Commercial Ref.


48475	Elevation pack for cabinets (2 units)
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## PROFILES ■

	<b>DOUBLE VERTICAL PROFILES</b>	
	<b>Commercial Ref.</b>	
	<b>PMV700</b>	<i>700 mm double vertical profile (2 units)</i>

	<b>HORIZONTAL PROFILES</b>	
	<b>Commercial Ref.</b>	
	<b>PMH400</b>	<i>400 mm horizontal profile (2 units)</i>
	<b>PMH500</b>	<i>500 mm horizontal profile (2 units)</i>

	<b>TRANSVERSE PROFILES</b>	
	<b>Commercial Ref.</b>	
	<b>PMT600</b>	<i>600 mm transverse profile (2 units)</i>
	<b>PMT800</b>	<i>800 mm transverse profile (2 units)</i>
	<b>PMT1000</b>	<i>1.000 mm transverse profile (2 units)</i>
	<b>PMT1200</b>	<i>1.200 mm transverse profile (2 units)</i>
<b>PMT1600</b>	<i>1.600 mm transverse profile (2 units)</i>	

	<b>PROFILES FOR 19" RACK</b>	
	<b>Commercial Ref.</b>	
	<b>PMR15U</b>	<i>Profile for 19" rack 15 U (2 profiles)</i>



# Atlantic

## ■ IP40-IP65 METAL DISTRIBUTION SWITCHBOARDS

ATLANTIC Series of metal distribution cabinets has been developed and designed to fulfill an efficient and safe electrical installation where both, technical and aesthetic features are demanded.

Easy handling and improved working space are due to their flexibility and reduced number of fixing components. Therefore these cabinets are an excellent tool for any type of low voltage-electrical installation.

They are available in different versions depending on the use and installation requirements: Surface or flush-fit mounting, watertight enclosures...

This new line of products is well complemented with a serie of accessories providing to the installer versatility and integral solutions to their needs.



## TECHNICAL DATA

■ degree of protection:	
■ surface and flush-fit mounting distribution boards without door	<b>IP30</b>
■ surface and flush-fit mounting distribution boards with door	<b>IP40</b>
■ tight surface-mounting distribution boards	<b>IP65</b>
<hr/>	
■ resistance to impact (Norm EN50102):	
■ surface and flush-fit distribution boards without door	<b>IK07</b>
■ Surface and flush-fit distribution boards with transparent door	<b>IK09</b>
■ Surface and flush-fit distribution boards with opaque door	<b>IK10</b>
<hr/>	
■ range of temperature under normal conditions between	<b>-25°C and +40°C</b> (50% rate of humidity)
■ maximum rated current of each assembly circuit	<b>630A</b> (surface) <b>250A</b> (flush-fit)
■ maximum operational voltage	<b>1.000 V AC.</b>
■ rated short-time withstand current	<b>23 KA eff. 1 s.</b> (according to type of accessories)
■ rated peak withstand current	<b>48 KA</b> (according to type of accessories)
<hr/>	
■ materials	<b>Cold-rolled steel sheeting</b>
■ colour	<b>RAL 7035</b>

According to low tension directive 2006//95/CE

Norm: UNE-EN62208

The above mentioned technical data is based on the use of the distribution board and its accessories supplied by IDE, assembled accordingly to our technical and instructions guidelines

# general FEATURES

High quality lockers with a distinctive design



Reversible doors

Different modular capacity options depending on protection lids selection (see page 89)



Clipped-on opening/closing system of protection lids

Reversible & hinged protection lids



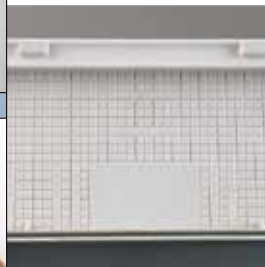
# IP30-IP40 surface switchboards FEATURES

Clipped-on system on mounting of side walls



Clipped-on system on mounting of top and bottom framework

Quick mounting of cable-entry panel



Slotted cable-entry panel

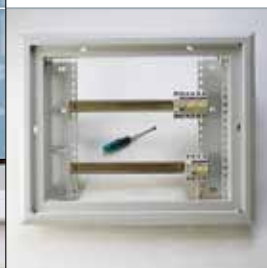
Ruler designed to assist on the installment of DIN Rail. Depending on the size of the selected lid the arrow shows the correct position of the DIN Rail





# IP40 flush-fit switchboards FEATURES

It is possible to adjust any derivation between frame and base



Possibility of mounting accessories onto the frame

Ruler designed to assist on the installment of DIN Rail. Depending on the size of the selected lid the arrow shows the correct position of the DIN Rail



DIN Rail is directly mounted to the chassis

Possibility of side-by-side boards mounting



# IP40-IP65 surface switchboards FEATURES

Door hinge can be also used as door locker (for the reversing of doors)



Clipped-on mounting system of Omega Rail



DIN rails can be placed at any height



The watertightness joint of the lid allows to have an IP65 protection degree, therefore achieving high protection against water and dust



Cable entry aligned to the wall for a correct entry of the cables



# IP40 switchboards JOINING SYSTEM

Posibility to join IP40 surface enclosures



Fastening pieces for an easy attachment of the bottom of the boards

Joining element that allows the linking between IP40 surface boards



Easy joining system between side and base of the board once all the equipment is installed. The joining lateral clips must be tied in with the corresponding slots from the base, getting in this way a compact unit



Earth continuity to insulate the unit. Caps to reinforce the assembly of boards

# auxiliary module for IP40 SURFACE BOARDS

On IP40 surface boards possibility to instal a lateral or central auxiliary module



The auxiliary module permits the fitting of copper bars, automatic switches, control gear, etc. allowing more space in the cabinet

Copper bars. The distance between bars and bottom is more than 30 mm



The bar support must be tied on the omega of the auxiliary module base by sliding the support over it into the right position

Protection screen can be installed on the auxiliary module as additional protection



## TRUNKING SUPPORT



Fitting of a 63A ICP (main breaker) with protection lids up to 30 modules capacity for the surface boards and up to 26 modules capacity for the flush-fitted versions



- Vertical trunking 60x60 mm
- Combinable vertical and horizontal trunking supports
- Two fastening positions for horizontal trunking for separation between DIN rails, 150 or 200 mm

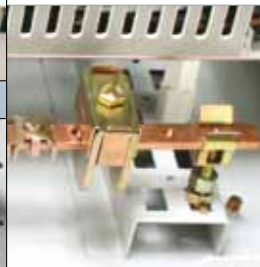
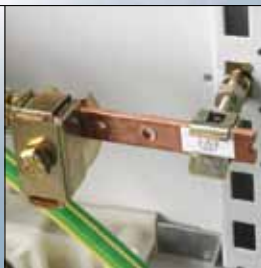
Sleeving cable for entry of wiring



Distribution block mounted on DIN rail

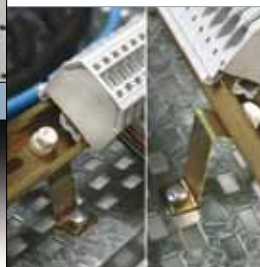


Fast mounting: bars are clipped onto the supports and fixed to the connectors at the same time as the cabling



Earthing kit composition: 12x4 cooper bar, 2 supports and 20 double cable-entry connectors

Instalment versatility: quick installation of devices on the mounting plate



Easy fixing of accessories to mounting plate by using cage nuts

STANDARD BOARDS (WITHOUT LIDS NOR DIN RAILS INCLUDED)				
Modules	IP40 FLUSH-FIT	IP65 SURFACE	IP40 SURFACE	IP40 UNASSAMBLED*
48 modules	40EMP48-72PO	65SUP48-72PO	40SUP48-72PO	40ENL48-72
	40EMP48-72PT	65SUP48-72PT	40SUP48-72PT	
72 modules	40EMP48-72PO	65SUP48-72PO	40SUP48-72PO	40ENL48-72
	40EMP48-72PT	65SUP48-72PT	40SUP48-72PT	
	40EMP72-96PO	65SUP72-96PO	40SUP72-96PO	40ENL72-96
	40EMP72-96PT	65SUP72-96PT	40SUP72-96PT	
96 modules	40EMP72-96PO	65SUP72-96PO	40SUP72-96PO	40ENL72-96
	40EMP72-96PT	65SUP72-96PT	40SUP72-96PT	
	40EMP96-120PO	65SUP96-120PO	40SUP96-120PO	40ENL96-120
	40EMP96-120PT	65SUP96-120PT	40SUP96-120PT	
120 modules	40EMP96-120PO	65SUP96-120PO	40SUP96-120PO	40ENL96-120
	40EMP96-120PT	65SUP96-120PT	40SUP96-120PT	
	40EMP120-168PO	65SUP120-168PO	40SUP120-168PO	40ENL120-168
	40EMP120-168PT	65SUP120-168PT	40SUP120-168PT	
168 modules	40EMP120-168PO	65SUP120-168PO	40SUP120-168PO	40ENL120-168
	40EMP120-168PT	65SUP120-168PT	40SUP120-168PT	
144 modules	40EMP144-192PO	65SUP144-192PO	40SUP144-192PO	40ENL144-192
	40EMP144-192PT	65SUP144-192PT	40SUP144-192PT	
192 modules	40EMP144-192PO	65SUP144-192PO	40SUP144-192PO	40ENL144-192
	40EMP144-192PT	65SUP144-192PT	40SUP144-192PT	

\* Boards without door. (See references on page 90-91)

PLASTIC LIDS		Modules	Pages
TM150	150 mm height lid	24	98
TM200	200 mm height lid	24	98
TC50	50 mm height blind lid		98
TC150	150 mm height blind lid		98
TC200	200 mm height blind lid		98

METAL LIDS		Modules	Pages
TMM150F	Modular lid 150 x 670 mm	24	98
TMM200F	Modular lid 200 x 670 mm	24	98
TMM300F	Modular lid 300 x 670 mm	2x24	98
TMM400F	Modular lid 400 x 670 mm	2x24	98
TCM50F	Blind lid 50 x 670 mm		98
TCM150F	Blind lid 150 x 670 mm		98
TCM200F	Blind lid 200 x 670 mm		98
TCM300F	Blind lid 300 x 670 mm		98
TCM400F	Blind lid 400 x 670 mm		98

KIT DIN RAIL		Pages
48013	24 modules DIN Rail + fixing accessories (surface boards)	98
48014	24 modules DIN Rail + fixing accessories (flush-fit boards)	98


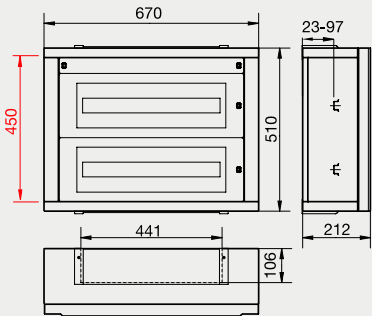



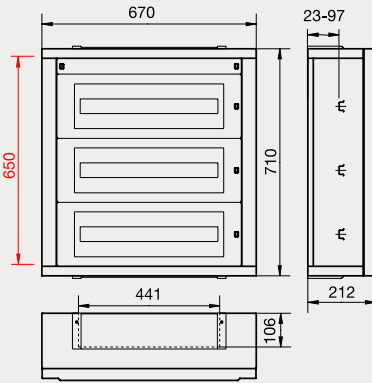
LIDS KIT + RAÍL DIN					
PLASTIC		METAL		LIDS + DIN RAIL INCLUDED	Modular capacity
SURFACE	FLUSH-FIT	SURFACE	FLUSH-FIT		
S48P200	E48P200	S48M200	E48M200	2 mod. lid 200 mm + 1 blind lid 50 mm + 2 kit rail DIN	48 modules
S72P150	E72P150	S72M150	E72M150	3 mod. lid 150 mm + 3 kit rail DIN	72 modules
S72P200	E72P200	S72M200	E72M200	3 mod. lid 200 mm + 1 blind lid 50 mm + 3 kit rail DIN	
S96P150	E96P150	S96M150	E96M150	4 mod. lid 150 mm + 1 blind lid 50 mm + 4 kit rail DIN	96 modules
S96P200	E96P200	S96M200	E96M200	4 mod. lid 200 mm + 1 blind lid 50 mm + 4 kit rail DIN	
S120P150	E120P150	S120M150	E120M150	5 mod. lid 150 mm + 2 blind lid 50 mm + 5 kit rail DIN	120 modules
S120P200	E120P200	S120M200	E120M200	5 mod. lid 200 mm + 1 blind lid 50 mm + 5 kit rail DIN	
S168P150	E168P150	S168M150	E168M150	7 mod. lid 150 mm + 7 kit rail DIN	168 modules
S144P200	E144P200	S144M200	E144M200	6 mod. lid 200 mm + 1 blind lid 50 mm + 6 kit rail DIN	144 modules
S192P150	E192P150	S192M150	E192M150	8 mod. lid 150 mm + 1 blind lid 50 mm + 8 kit rail DIN	192 modules


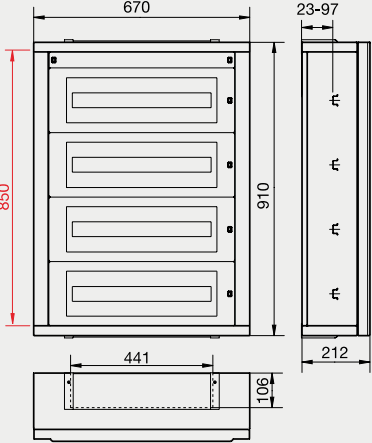
## MODULES CONFIGURATION TABLE

Initial number of modules	Internal height	200 mm lids	150 mm lids	50 mm blind lids	Number of modules resulting
48	450	2	-	1	48
		-	3	-	72
72	650	3	-	1	72
		-	4	1	96
96	850	4	-	1	96
		-	5	2	120
120	1050	5	-	1	120
		2	4	1	144
		-	7	-	168
144	1250	6	-	1	144
		3	4	1	168
		4	3	-	168
		-	8	1	192

# IP40 DETACHABLE SURFACE

 <p style="text-align: center;"><b>IP40*</b></p>	<b>Commercial Ref.</b> <b>40ENL48-72</b> Without door. No lids or DIN rails included		
	<b>DOORS</b> <b>PO40SUP48-72</b>   <b>PT40SUP48-72</b> Opaque door   Transparent door		
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 48 mod.	<b>S48P200</b> <i>2 mod. lids 200 mm + 1 blind lid 50 mm + 2 DIN rail</i>	<b>S48M200</b>	
Capacity 72 mod.	<b>S72P150</b> <i>3 mod. lids 150 mm + 3 DIN rail</i>	<b>S72M150</b>	48-72 modules


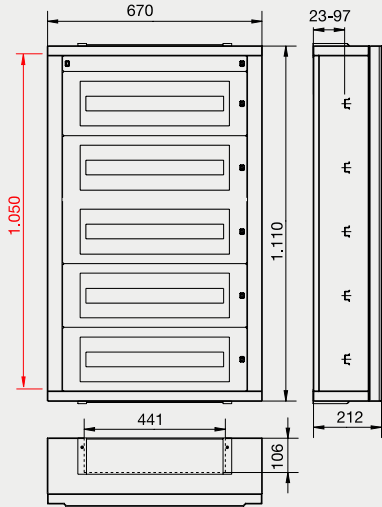
 <p style="text-align: center;"><b>IP40*</b></p>	<b>Commercial Ref.</b> <b>40ENL72-96</b> Without door. No lids or DIN rails included		
	<b>DOORS</b> <b>PO40SUP72-96</b>   <b>PT40SUP72-96</b> Opaque door   Transparent door		
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 72 mod.	<b>S72P200</b> <i>3 mod. lids 200 mm + 1 blind lid 50 mm + 3 DIN rail</i>	<b>S72M200</b>	
Capacity 96 mod.	<b>S96P150</b> <i>4 mod. lids 150 mm + 1 blind lid 50 mm + 4 DIN rail</i>	<b>S96M150</b>	72-96 modules


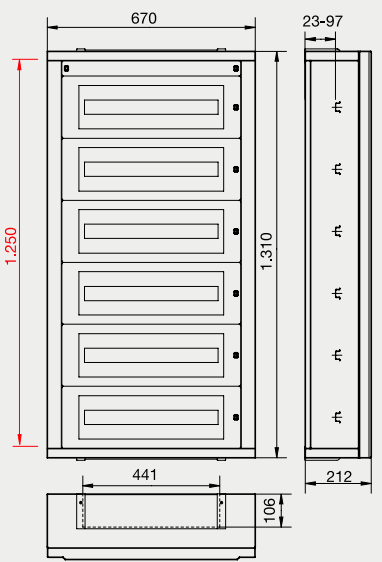
 <p style="text-align: center;"><b>IP40*</b></p>	<b>Commercial Ref.</b> <b>40ENL96-120</b> Without door. No lids or DIN rails included		
	<b>DOORS</b> <b>PO40SUP96-120</b>   <b>PT40SUP96-120</b> Opaque door   Transparent door		
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 96 mod.	<b>S96P200</b> <i>4 mod. lids 200 mm + 1 blind lid 50 mm + 4 DIN rail</i>	<b>S96M200</b>	
Capacity 120 mod.	<b>S120P150</b> <i>5 mod. lids 150 mm + 2 blind lids 50 mm + 5 DIN rail</i>	<b>S120M150</b>	96-120 modules

\*IP40 with door / IP30 without door




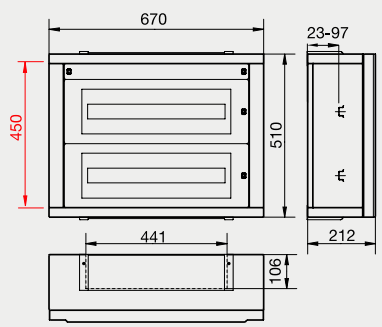
## IP40 DETACHABLE SURFACE


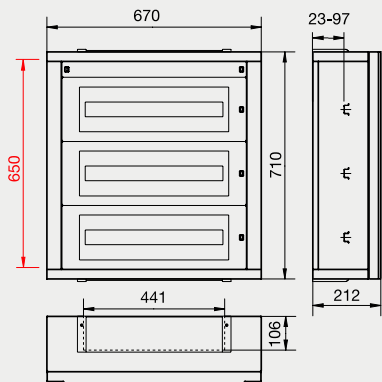
 <p style="text-align: center;">IP40*</p>	<b>Commercial Ref.</b> <b>40ENL120-168</b> <i>Without door.</i> <i>No lids or DIN rails included</i>											
	<b>DOORS</b> <table border="1"> <tr> <td><b>PO40SUP120-168</b></td> <td><b>PT40SUP120-168</b></td> </tr> <tr> <td><i>Opaque door</i></td> <td><i>Transparent door</i></td> </tr> </table>			<b>PO40SUP120-168</b>	<b>PT40SUP120-168</b>	<i>Opaque door</i>	<i>Transparent door</i>					
<b>PO40SUP120-168</b>	<b>PT40SUP120-168</b>											
<i>Opaque door</i>	<i>Transparent door</i>											
<table border="1"> <thead> <tr> <th>KITS</th> <th>Plastic lids</th> <th>Metal lids</th> </tr> </thead> <tbody> <tr> <td>Capacity 120 mod.</td> <td><b>S120P200</b> <i>5 mod. lids 200 mm + 1 blind lid 50 mm + 5 DIN rail</i></td> <td><b>S120M200</b></td> </tr> <tr> <td>Capacity 168 mod.</td> <td><b>S168P150</b> <i>7 mod. lids 150 mm + 7 DIN rail</i></td> <td><b>S168M150</b></td> </tr> </tbody> </table>	KITS	Plastic lids	Metal lids	Capacity 120 mod.	<b>S120P200</b> <i>5 mod. lids 200 mm + 1 blind lid 50 mm + 5 DIN rail</i>	<b>S120M200</b>	Capacity 168 mod.	<b>S168P150</b> <i>7 mod. lids 150 mm + 7 DIN rail</i>	<b>S168M150</b>			120-168 modules
KITS	Plastic lids	Metal lids										
Capacity 120 mod.	<b>S120P200</b> <i>5 mod. lids 200 mm + 1 blind lid 50 mm + 5 DIN rail</i>	<b>S120M200</b>										
Capacity 168 mod.	<b>S168P150</b> <i>7 mod. lids 150 mm + 7 DIN rail</i>	<b>S168M150</b>										


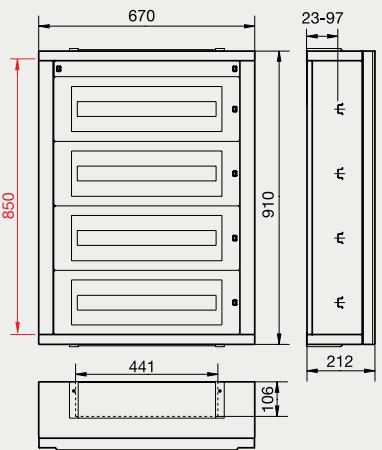
 <p style="text-align: center;">IP40*</p>	<b>Commercial Ref.</b> <b>40ENL144-192</b> <i>Without door.</i> <i>No lids or DIN rails included</i>											
	<b>DOORS</b> <table border="1"> <tr> <td><b>PO40SUP144-192</b></td> <td><b>PT40SUP144-192</b></td> </tr> <tr> <td><i>Opaque door</i></td> <td><i>Transparent door</i></td> </tr> </table>			<b>PO40SUP144-192</b>	<b>PT40SUP144-192</b>	<i>Opaque door</i>	<i>Transparent door</i>					
<b>PO40SUP144-192</b>	<b>PT40SUP144-192</b>											
<i>Opaque door</i>	<i>Transparent door</i>											
<table border="1"> <thead> <tr> <th>KITS</th> <th>Plastic lids</th> <th>Metal lids</th> </tr> </thead> <tbody> <tr> <td>Capacity 144 mod.</td> <td><b>S144P200</b> <i>6 mod. lids 200 mm + 1 blind lid 50 mm + 6 DIN rail</i></td> <td><b>S144M200</b></td> </tr> <tr> <td>Capacity 192 mod.</td> <td><b>S192P150</b> <i>8 mod. lids 150 mm + 1 blind lid 50 mm + 8 DIN rail</i></td> <td><b>S192M150</b></td> </tr> </tbody> </table>	KITS	Plastic lids	Metal lids	Capacity 144 mod.	<b>S144P200</b> <i>6 mod. lids 200 mm + 1 blind lid 50 mm + 6 DIN rail</i>	<b>S144M200</b>	Capacity 192 mod.	<b>S192P150</b> <i>8 mod. lids 150 mm + 1 blind lid 50 mm + 8 DIN rail</i>	<b>S192M150</b>			144-192 modules
KITS	Plastic lids	Metal lids										
Capacity 144 mod.	<b>S144P200</b> <i>6 mod. lids 200 mm + 1 blind lid 50 mm + 6 DIN rail</i>	<b>S144M200</b>										
Capacity 192 mod.	<b>S192P150</b> <i>8 mod. lids 150 mm + 1 blind lid 50 mm + 8 DIN rail</i>	<b>S192M150</b>										

Pictures and drawings belong to enclosures with lids of 200mm


# IP40 COMPACT SURFACE

 <p><b>IP40</b></p>	<b>Commercial Ref.</b>		
	<b>40SUP48-72PO</b> <i>With opaque door.</i> <i>No lids or DIN rails included</i>		
		<b>40SUP48-72PT</b> <i>With transparent door.</i> <i>No lids or DIN rails included</i>	
<b>KITS</b>	Plastic lids	Metal lids	48-72 modules
Capacity 48 mod.	<b>S48P200</b> <i>2 mod. lids 200 mm + 1 blind lid 50 mm + 2 DIN rail</i>	<b>S48M200</b>	
Capacity 72 mod.	<b>S72P150</b> <i>3 mod. lids 150 mm + 3 DIN rail</i>	<b>S72M150</b>	

 <p><b>IP40</b></p>	<b>Commercial Ref.</b>		
	<b>40SUP72-96PO</b> <i>With opaque door.</i> <i>No lids or DIN rails included</i>		
		<b>40SUP72-96PT</b> <i>With transparent door.</i> <i>No lids or DIN rails included</i>	
<b>KITS</b>	Plastic lids	Metal lids	72-96 modules
Capacity 72 mod.	<b>S72P200</b> <i>3 mod. lids 200 mm + 1 blind lid 50 mm + 3 DIN rail</i>	<b>S72M200</b>	
Capacity 96 mod.	<b>S96P150</b> <i>4 mod. lids 150 mm + 1 blind lid 50 mm + 4 DIN rail</i>	<b>S96M150</b>	

 <p><b>IP40</b></p>	<b>Commercial Ref.</b>		
	<b>40SUP96-120PO</b> <i>With opaque door.</i> <i>No lids or DIN rails included</i>		
		<b>40SUP96-120PT</b> <i>With transparent door.</i> <i>No lids or DIN rails included</i>	
<b>KITS</b>	Plastic lids	Metal lids	96-120 modules
Capacity 96 mod.	<b>S96P200</b> <i>4 mod. lids 200 mm + 1 blind lid 50 mm + 4 DIN rail</i>	<b>S96M200</b>	
Capacity 120 mod.	<b>S120P150</b> <i>5 mod. lids 150 mm + 2 blind lids 50 mm + 5 DIN rail</i>	<b>S120M150</b>	

## IP40 COMPACT SURFACE

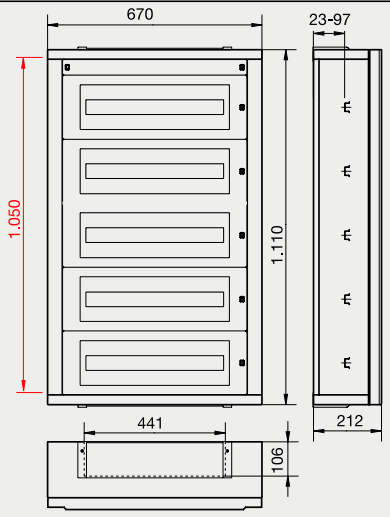


IP40

**Commercial Ref.**


**40SUP120-168PO**  
*With opaque door.  
No lids or DIN rails included*

**40SUP120-168PT**  
*With transparent door.  
No lids or DIN rails included*



<b>KITS</b>	Plastic lids	Metal lids
Capacity 120 mod.	<b>S120P200</b> <i>5 mod. lids 200 mm + 1 blind lid 50 mm + 5 DIN rail</i>	<b>S120M200</b>
Capacity 168 mod.	<b>S168P150</b> <i>7 mod. lids 150 mm + 7 DIN rail</i>	<b>S168M150</b>

120-168 modules

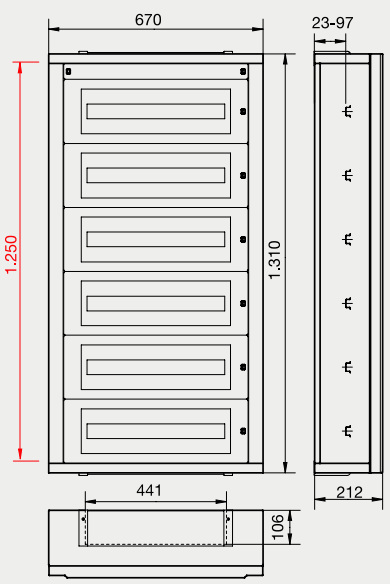


IP40

**Commercial Ref.**

**40SUP144-192PO**  
*With opaque door.  
No lids or DIN rails included*

**40SUP144-192PT**  
*With transparent door.  
No lids or DIN rails included*


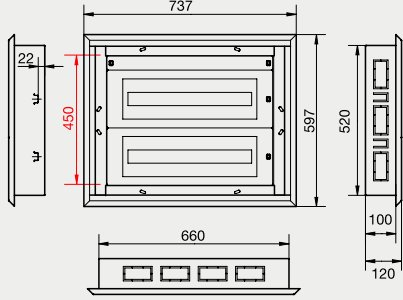



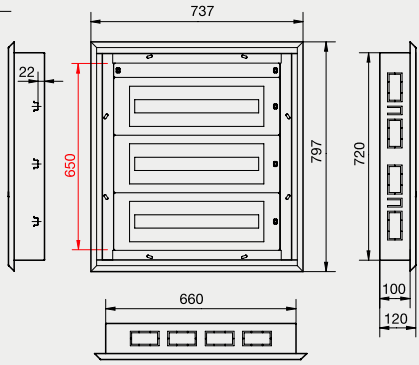
<b>KITS</b>	Plastic lids	Metal lids
Capacity 144 mod.	<b>S144P200</b> <i>6 mod. lids 200 mm + 1 blind lid 50 mm + 6 DIN rail</i>	<b>S144M200</b>
Capacity 192 mod.	<b>S192P150</b> <i>8 mod. lids 150 mm + 1 blind lid 50 mm + 8 DIN rail</i>	<b>S192M150</b>


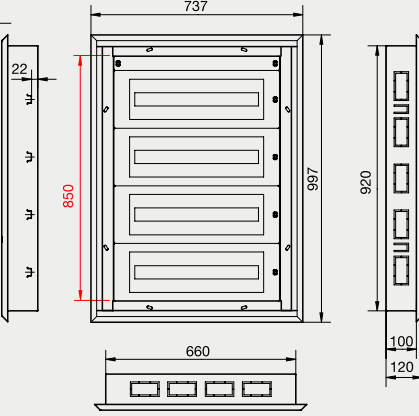
144-192 modules

Pictures and drawings belong to enclosures with lids of 200mm


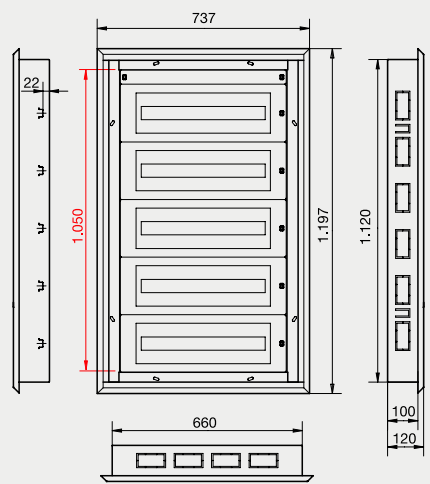
# IP40 FLUSH-FIT


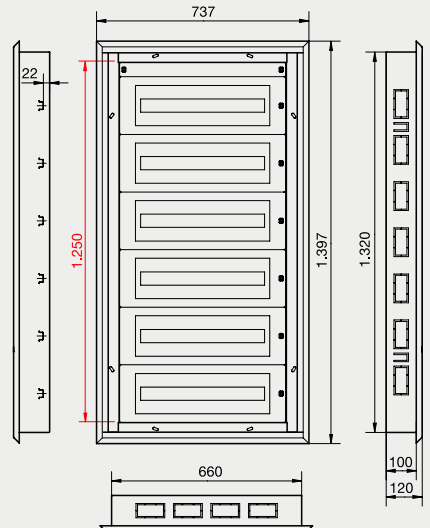
 <p style="text-align: center;"><b>IP40</b></p>	<b>Commercial Ref.</b> <b>40EMP48-72PO</b> <i>With opaque door.</i> <i>No lids or DIN rails included</i>		
	<b>40EMP48-72PT</b> <i>With transparent door.</i> <i>No lids or DIN rails included</i>		
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 48 mod.	<b>E48P200</b> <i>2 mod. lids 200 mm + 1 blind lid 50 mm + 2 DIN rail</i>	<b>E48M200</b>	
Capacity 72 mod.	<b>E72P150</b> <i>3 mod. lids 150 mm + 3 DIN rail</i>	<b>E72M150</b>	48-72 modules WALL RECESS: 660x520x110 mm

 <p style="text-align: center;"><b>IP40</b></p>	<b>Commercial Ref.</b> <b>40EMP72-96PO</b> <i>With opaque door.</i> <i>No lids or DIN rails included</i>		
	<b>40EMP72-96PT</b> <i>With transparent door.</i> <i>No lids or DIN rails included</i>		
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 72 mod.	<b>E72P200</b> <i>3 mod. lids 200 mm + 1 blind lid 50 mm + 3 DIN rail</i>	<b>E72M200</b>	
Capacity 96 mod.	<b>E96P150</b> <i>4 mod. lids 150 mm + 1 blind lid 50 mm + 4 DIN rail</i>	<b>E96M150</b>	72-96 modules WALL RECESS: 660x720x110 mm

 <p style="text-align: center;"><b>IP40</b></p>	<b>Commercial Ref.</b> <b>40EMP96-120PO</b> <i>With opaque door.</i> <i>No lids or DIN rails included</i>		
	<b>40EMP96-120PT</b> <i>With transparent door.</i> <i>No lids or DIN rails included</i>		
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 96 mod.	<b>E96P200</b> <i>4 mod. lids 200 mm + 1 blind lid 50 mm + 4 DIN rail</i>	<b>E96M200</b>	
Capacity 120 mod.	<b>E120P150</b> <i>5 mod. lids 150 mm + 2 blind lids 50 mm + 5 DIN rail</i>	<b>E120M150</b>	96-120 modules WALL RECESS: 660x920x110 mm

## IP40 FLUSH-FIT ■


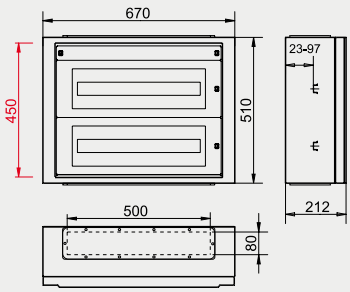
 <p style="text-align: center;">IP40</p>	<b>Commercial Ref.</b> <b>40EMP120-168PO</b> <i>With opaque door.</i> <i>No lids or DIN rails included</i>		
	<b>40EMP120-168PT</b> <i>With transparent door.</i> <i>No lids or DIN rails included</i>		
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 120 mod.	<b>E120P200</b> <i>5 mod. lids 200 mm + 1 blind lid 50 mm + 5 DIN rail</i>	<b>E120M200</b>	
Capacity 168 mod.	<b>E168P150</b> <i>7 mod. lids 150 mm + 7 DIN rail</i>	<b>E168M150</b>	120-168 modules WALL RECESS: 660x1.120x110 mm


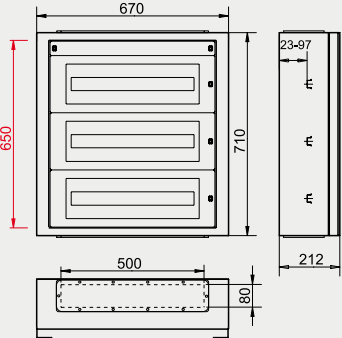
 <p style="text-align: center;">IP40</p>	<b>Commercial Ref.</b> <b>40EMP144-192PO</b> <i>With opaque door.</i> <i>No lids or DIN rails included</i>		
	<b>40EMP144-192PT</b> <i>With transparent door.</i> <i>No lids or DIN rails included</i>		
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 144 mod.	<b>E144P200</b> <i>6 mod. lids 200 mm + 1 blind lid 50 mm + 6 DIN rail</i>	<b>E144M200</b>	
Capacity 192 mod.	<b>E192P150</b> <i>8 mod. lids 150 mm + 1 blind lid 50 mm + 8 DIN rail</i>	<b>E192M150</b>	144-192 modules WALL RECESS: 660x1.320x110 mm


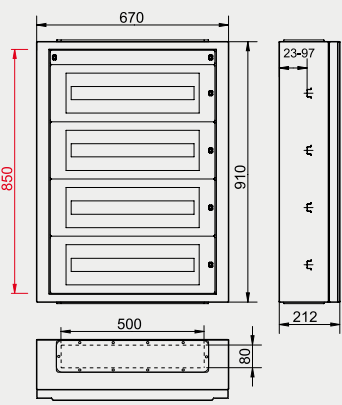
Pictures and drawings belong to enclosures with lids of 200mm




# ■ IP65 COMPACT SURFACE

 <p style="text-align: center;"><b>IP65</b></p>	<b>Commercial Ref.</b>		
	<b>65SUP48-72PO</b> <i>With opaque door. No lids or DIN rails included</i>		
<b>65SUP48-72PT</b> <i>With transparent door. No lids or DIN rails included</i>			
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 48 mod.	<b>S48P200</b> <i>2 mod. lids 200 mm + 1 blind lid 50 mm + 2 DIN rail</i>	<b>S48M200</b>	
Capacity 72 mod.	<b>S72P150</b> <i>3 mod. lids 150 mm + 3 DIN rail</i>	<b>S72M150</b>	48-72 modules

 <p style="text-align: center;"><b>IP65</b></p>	<b>Commercial Ref.</b>		
	<b>65SUP72-96PO</b> <i>With opaque door. No lids or DIN rails included</i>		
<b>65SUP72-96PT</b> <i>With transparent door. No lids or DIN rails included</i>			
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 72 mod.	<b>S72P200</b> <i>3 mod. lids 200 mm + 1 blind lid 50 mm + 3 DIN rail</i>	<b>S72M200</b>	
Capacity 96 mod.	<b>S96P150</b> <i>4 mod. lids 150 mm + 1 blind lid 50 mm + 4 DIN rail</i>	<b>S96M150</b>	72-96 modules

 <p style="text-align: center;"><b>IP65</b></p>	<b>Commercial Ref.</b>		
	<b>65SUP96-120PO</b> <i>With opaque door. No lids or DIN rails included</i>		
<b>65SUP96-120PT</b> <i>With transparent door. No lids or DIN rails included</i>			
<b>KITS</b>	Plastic lids	Metal lids	
Capacity 96 mod.	<b>S96P200</b> <i>4 mod. lids 200 mm + 1 blind lid 50 mm + 4 DIN rail</i>	<b>S96M200</b>	
Capacity 120 mod.	<b>S120P150</b> <i>5 mod. lids 150 mm + 2 blind lids 50 mm + 5 DIN rail</i>	<b>S120M150</b>	96-120 modules

## IP65 COMPACT SURFACE

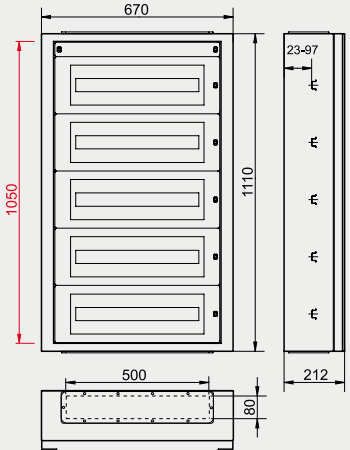


IP65

**Commercial Ref.**


**65SUP120-168PO**  
*With opaque door.  
No lids or DIN rails included*

**65SUP120-168PT**  
*With transparent door.  
No lids or DIN rails included*



<b>KITS</b>	Plastic lids	Metal lids
Capacity 120 mod.	<b>S120P200</b>	<b>S120M200</b>
	<i>5 mod. lids 200 mm + 1 blind lid 50 mm + 5 DIN rail</i>	
Capacity 168 mod.	<b>S168P150</b>	<b>S168M150</b>
	<i>7 mod. lids 150 mm + 7 DIN rail</i>	

120-168 modules

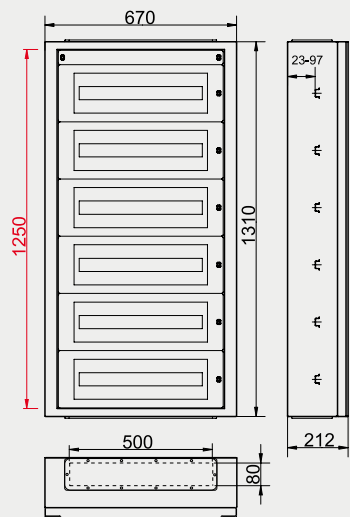


IP65

**Commercial Ref.**

**65SUP144-192PO**  
*With opaque door.  
No lids or DIN rails included*

**65SUP144-192PT**  
*With transparent door.  
No lids or DIN rails included*




<b>KITS</b>	Plastic lids	Metal lids
Capacity 144 mod.	<b>S144P200</b>	<b>S144M200</b>
	<i>6 mod. lids 200 mm + 1 blind lid 50 mm + 6 DIN rail</i>	
Capacity 192 mod.	<b>S192P150</b>	<b>S192M150</b>
	<i>8 mod. lids 150 mm + 1 blind lid 50 mm + 8 DIN rail</i>	


144-192 modules

Pictures and drawings belong to enclosures with lids of 200mm


## ■ PLASTIC LIDS

	Commercial Ref.		Modules
	<b>TM150</b>	150 mm height lid	24
	<b>TM200</b>	200 mm height lid	24
	<b>TC50</b>	50 mm height blind lid	
	<b>TC150</b>	150 mm height blind lid	
	<b>TC200</b>	200 mm height blind lid	

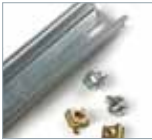
## ■ METAL LIDS

	FIXED MODULAR METAL LID		Modules	
	Commercial Ref.			
	<b>TMM150F</b>	Modular lid 150 x 670 mm		24
	<b>TMM200F</b>	Modular lid 200 x 670 mm		24
	<b>TMM300F</b>	Modular lid 300 x 670 mm		2 x 24
<b>TMM400F</b>	Modular lid 400 x 670 mm	2 x 24		


  

	FIXED BLIND METAL LID		Modules	
	Commercial Ref.			
	<b>TCM50F</b>	Blind lid 50 x 670 mm		
	<b>TCM150F</b>	Blind lid 150 x 670 mm		
	<b>TCM200F</b>	Blind lid 200 x 670 mm		
	<b>TCM300F</b>	Blind lid 300 x 670 mm		
<b>TCM400F</b>	Blind lid 400 x 670 mm			



## ■ KIT (24 modules DIN RAIL + fixing accessories)

	Commercial Ref.	
	<b>48014</b>	24 modules DIN Rail + flush-fit fixing accessories


## ■ KIT (24 modules DIN RAIL + fixing accessories)

	Commercial Ref.	
	<b>48013</b>	24 modules DIN Rail + surface fixing accessories


## ■ TRUNKING SUPPORT KIT

	<b>Commercial Ref.</b> <b>49368</b>	Horizontal trunking support (2 pcs. bag)
	<b>Commercial Ref.</b> <b>48243</b>	Vertical trunking support (6 pcs. bag)


## JOINING ELEMENT (for surface boards) ■

	Commercial Ref.	Modules	Cabinet Ref.
	EE6751	48	40ENL48-72
	EE6771	72	40ENL72-96
	EE6791	96	40ENL96-120
	EE67111	120	40ENL120-168
	EE67113	144	40ENL144-192
TYPE: AC AM			

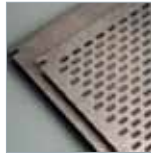
## JOINING ELEMENT (for flush-fit boards) ■

	Commercial Ref.	
	48007	Side-by-side mounting kit (2 pcs. bag)
TYPE: AC AM		



## ICP KIT ■

	Commercial Ref.	
	48107	63 A flush-fit ICP kit (ICP+26 mod.)
	48108	63 A surface ICP kit (ICP+30 mod.)
Lid for 300 mm ICP kit		


## MOUNTING PLATES ■

	Commercial Ref.	
	PLM200	200 mm flat mounting plate
	PLM300	300 mm flat mounting plate
	PLC450	450 mm flat mounting plate
	PLC600	600 mm flat mounting plate
	PLP300	300 mm slotted mounting plate
	PLP450	450 mm slotted mounting plate
	PLP600	600 mm slotted mounting plate
In order to install the mounting plates, it is necessary to ask for the fastening elements (see commercial references below)		


## ATTACHMENT ACCESSORIES ■

	Commercial Ref.	
	94422	Pack to fix rails and mounting plates for flush-fit boards
	Commercial Ref.	
	48340	Pack to fix mounting plates for surface boards. Mounting plate type PLM
	48444	Pack to fix rails for surface boards.


## WALL MOUNTING SUPPORT ■

	Commercial Ref.	
	48427	Wall mounting support (4 pcs. bag)


## ■ LATERAL AUXILIARY MODULE

	Commercial Ref.	Dimensions (mm.) (Width x Height)	Cabinet Ref.
	MEL4048	350 x 510 x 212	40ENL48-72
	MEL4072	350 x 710 x 212	40ENL72-96
	MEL4096	350 x 910 x 212	40ENL96-120
	MEL40120	350 x 1110 x 212	40ENL120-168
	MEL40144	350 x 1310 x 212	40ENL144-192
DOOR TYPE: OPAQUE			


## ■ CENTRAL AUXILIARY MODULE

	Commercial Ref.	Dimensions (mm.) (Width x Height)	Cabinet Ref.
	MEC4048	350 x 510 x 212	40ENL48-72
	MEC4072	350 x 710 x 212	40ENL72-96
	MEC4096	350 x 910 x 212	40ENL96-120
	MEC40120	350 x 1110 x 212	40ENL120-168
	MEC40144	350 x 1310 x 212	40ENL144-192
DOOR TYPE: OPAQUE			

## ■ ACCESSORIES FOR AUXILIARY MODULE

	Commercial Ref.	
	48106	Mounting plate (350 x 250 x 1,5 mm.)
	48660	48 modules protection plate
	48661	72 modules protection plate
	48662	96 modules protection plate
	48663	120 modules protection plate
	48664	144 modules protection plate

## ■ LOCKERS

	Commercial Ref.	
	48445	5 mm double-bit lock (surface boards)
	48446	5 mm double-bit lock (flush-fit boards)
	48447	Security lock with key (surface boards)
	48448	Security lock with key (flush-fit boards)
	48458	1/4 turning lock with wing nut (surface boards)
	48459	1/4 turning lock with wing nut (flush-fit boards)
	48412	1/4 turning lock with wing nut without key (surface boards)
	48449	5 mm double-bit key
	48460	5 mm double-bit zamak key



## DOORS FOR IP40 FLUSH-MOUNTING DISTRIBUTION SWITCHBOARDS ■



### Commercial Ref.

<b>PO40EMP48-72</b>	<i>Opaque door</i>
<b>PT40EMP48-72</b>	<i>Transparent door</i>
TYPE: 40AE48 - 48 modules	
<b>PO40EMP72-96</b>	<i>Opaque door</i>
<b>PT40EMP72-96</b>	<i>Transparent door</i>
TYPE: 40AE72 - 72 modules	
<b>PO40EMP96-120</b>	<i>Opaque door</i>
<b>PT40EMP96-120</b>	<i>Transparent door</i>
TYPE: 40AE96 - 96 modules	
<b>PO40EMP120-168</b>	<i>Opaque door</i>
<b>PT40EMP120-168</b>	<i>Transparent door</i>
TYPE: 40AE120 - 120 modules	
<b>PO40EMP144-192</b>	<i>Opaque door</i>
<b>PT40EMP144-192</b>	<i>Transparent door</i>

## DOORS FOR IP65 SURFACE-MOUNTING DISTRIBUTION SWITCHBOARDS ■



### Commercial Ref.

<b>PO65SUP48-72</b>	<i>Opaque door</i>
<b>PT65SUP48-72</b>	<i>Transparent door</i>
TYPE: 55AS48 - 48 modules	
<b>PO65SUP72-96</b>	<i>Opaque door</i>
<b>PT65SUP72-96</b>	<i>Transparent door</i>
TYPE: 55AS72 - 72 modules	
<b>PO65SUP96-120</b>	<i>Opaque door</i>
<b>PT65SUP96-120</b>	<i>Transparent door</i>
TYPE: 55AS96 - 96 modules	
<b>PO65SUP120-168</b>	<i>Opaque door</i>
<b>PT65SUP120-168</b>	<i>Transparent door</i>
TYPE: 55AS120 - 120 modules	
<b>PO65SUP144-192</b>	<i>Opaque door</i>
<b>PT65SUP144-192</b>	<i>Transparent door</i>



# Atlantic Plus

## ■ IP40-IP55 METAL DISTRIBUTION SWITCHBOARDS

The Atlantic Plus series has been developed to satisfy the needs of large installations, which, due to their construction characteristics, require a bigger modules capacity together with a good design.

This series includes 1.810 and 2.100 mm high modular distribution cabinets with capacity for 192 to 288 modules, in two versions: detachable IP40 and compact IP55, with the possibility of opaque or transparent door. They are manufactured with high quality materials, in cold-rolled steel plate and epoxy-polyester paint RAL7035. They have a quick and easy assembly system, with possibility of integrating auxiliary modules for on/off switches (maximum 630 A) and busbars, thus offering the electrician total functionality.

Designed for use in public premises such as corridors of shopping malls, hospitals, hotels, schools, etc. They can also be applied to medium and medium-large sized commercial areas, with average installed power, where a considerable number of control modules are required.

This series is complemented with a wide range of installation accessories, which provide global solutions, so the user is sure to find the one that adapts best to their needs.



## TECHNICAL DATA

■ degree of protection:	
■ detachable surface mounting distribution boards with door	<b>IP40</b>
■ tight surface mounting distribution boards	<b>IP55</b>
<hr/>	
■ resistance to impact:	
■ opaque door:	<b>IK10</b>
■ transparent door:	<b>IK09</b>
<hr/>	
■ range of temperature under normal conditions between	<b>-25°C/+40°C</b> (50% rate of humidity)
<hr/>	
■ maximum rated current of each assembly circuit	<b>630 A</b>
<hr/>	
■ maximum operational voltage	<b>1.000 V AC.</b>
<hr/>	
■ rated short-time withstand current	<b>23 KA eff. 1 s.</b> (according to type of accessories)
<hr/>	
■ rated peak withstand current	<b>48 KA</b> (according to type of accessories)
<hr/>	
■ materials	<b>cold-rolled steel sheeting</b>
<hr/>	
■ colour	<b>RAL7035</b>

*According to low tension directive 2006/95/CE  
Norm: UNE-EN 62208*

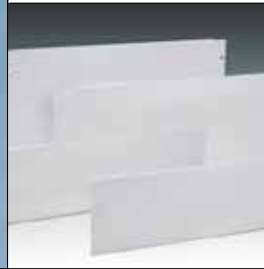
The above mentioned technical data is based on the use of the distribution board and its accessories supplied by IDE, assembled accordingly to our technical and instructions guidelines



# general FEATURES



Frame that enables all the lids to be opened together or each one individually



Fixed or hinged metal protection lids, all of them reversible

- 50, 150, 200, 300 y 400 mm blind lids
- 150, 200 and 400 mm modular lids



Hinged and reversible plastic protection lids, with clip opening and closing system

- 50, 150 and 200 mm blind lids
- 150 and 200 mm modular lids



DIN rail with capacity 24 modules

- DIN rail secured with height-adjustable supports



Possibility of opaque or transparent door in all versions

- Opaque version manufactured in 1,2 mm thick steel sheet
- Transparent version manufactured in 4 mm thick tempered glass

Standard four-point, 1/4-turn lock, double-bit insert with retractable handle in grey RAL 7016. Possibility of other locks supplied as accessories



# technical FEATURES

## IP40 DETACHABLE CABINETS

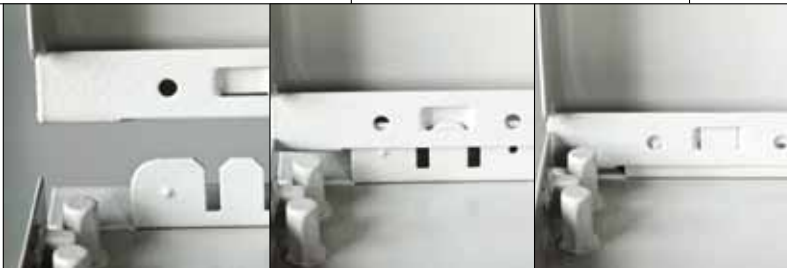
Total height of the cabinet including the plinth: 1.810 or 2.110 mm (depending on versions). Plinth included in the unit

Modular capacity:

- For 1.810mm cabinets: from 192 to 240 modules
- For 2.110 mm cabinets: from 216 to 288 modules



Bottom totally opened with two vertical profiles to secure the DIN rails



Sides clipped to the bottom to ease assembly and fastening. Assembly system in horizontal direction. This makes assembly in long lengths easier, providing great rigidity and avoiding the distortion of the clips

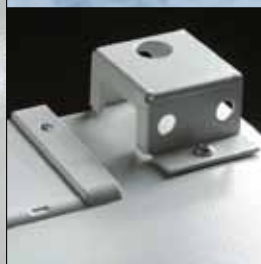


Upper and lower cable entry:

- Upper plastic lid prepared for the use of trays
- 500x80 mm lower metal lid



Rear panels connected via a double flange that permits linking cabinets together to achieve structures with a greater modular capacity



Elevation and transport system via two flanges fastened to the top of the cabinet, supplied with the enclosure



# auxiliary module FEATURES

Possibility of installing a side or centre auxiliary module



Cabinet and auxiliary module connected via a bonding jumper, leaving the inner passage space free



Cover lid divided into two to protect the on/off switch and the busbar



# IP55 compact cabinet FEATURES

Compact and robust structure

Total height of cabinet including plinth:  
1.810 and 2.110 mm (depending on  
versions)

Plinth built into the unit



Modular capacity:

- For 1.810 mm cabinets: from 192 to 240 modules
- For 2.110 mm cabinets: from 216 to 288 modules

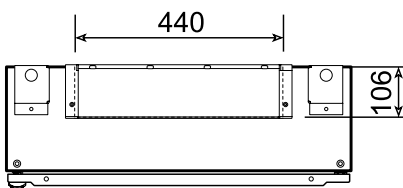
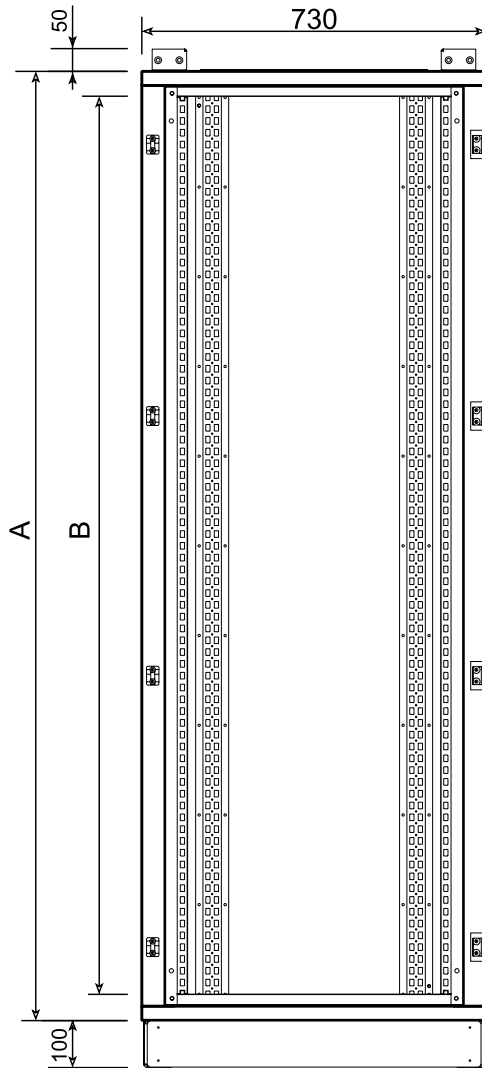
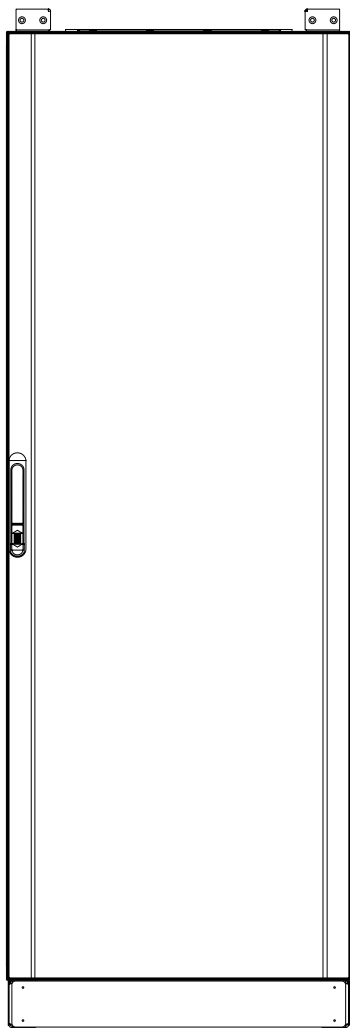
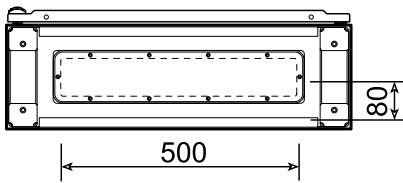


Elevation and transport system



500 x 80 mm upper and lower cable  
entry

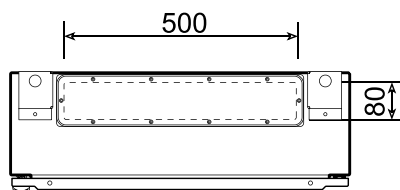
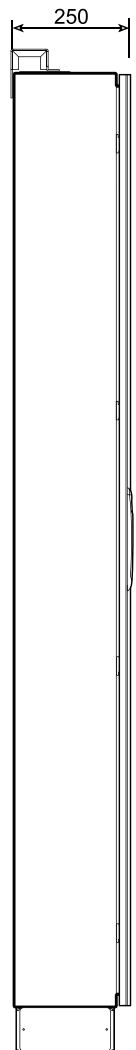
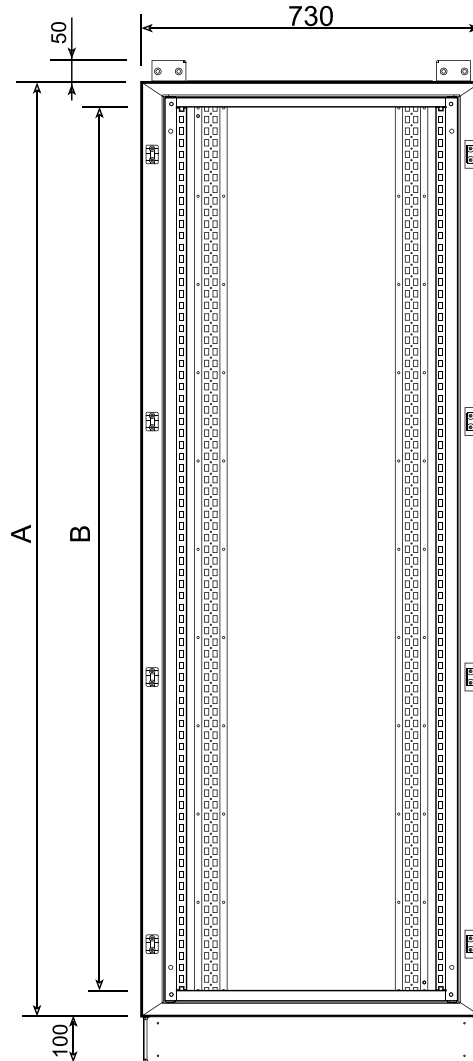
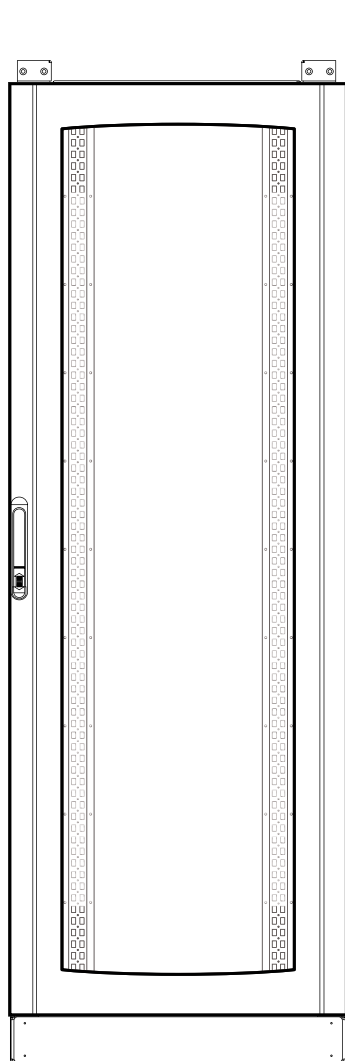
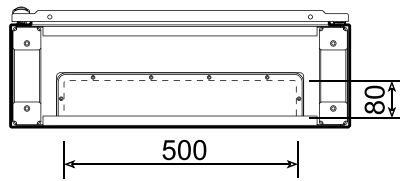
# ■ IP40 DETACHABLE SWITCHBOARDS



Cabinet	A	B
40ENL192-240	1.710	1.600
40ENL216-288	2.010	1.900


# dimensions ATLANTIC PLUS


## IP55 COMPACT SWITCHBOARDS ■




Cabinet	A	B
55SUP192-240	1.710	1.600
55SUP216-288	2.010	1.900


## ■ IP40 SURFACE DETACHABLE SWITCHBOARDS

	<b>Commercial Ref.</b>		<b>Dimensions</b>
	<b>40ENL192-240PO</b>	<i>With opaque door</i>	1.810x730x250
	<b>40ENL192-240PT</b>	<i>With transparent door</i>	1.810x730x250
Useful space for lids: 1.600 mm			
TYPE: 40AS192		192-240 modules	

	<b>Commercial Ref.</b>		<b>Dimensions</b>
	<b>40ENL216-288PO</b>	<i>With opaque door</i>	2.110x730x250
	<b>40ENL216-288PT</b>	<i>With transparent door</i>	2.110x730x250
TYPE: 40AS216			
		216-288 modules	


## ■ IP55 SURFACE COMPACT SWITCHBOARDS

	<b>Commercial Ref.</b>		<b>Dimensions</b>
	<b>55SUP192-240PO</b>	<i>With opaque door</i>	1.810x730x250
	<b>55SUP192-240PT</b>	<i>With transparent door</i>	1.810x730x250
TYPE: 55AS192			
		192-240 modules	





	<b>Commercial Ref.</b>		<b>Dimensions</b>
	<b>55SUP216-288PO</b>	<i>With opaque door</i>	2.110x730x250
	<b>55SUP216-288PT</b>	<i>With transparent door</i>	2.110x730x250
Useful space for lids: 1.900 mm			
TYPE: 55AS216		216-288 modules	




## PLASTIC LIDS ■

	Commercial Ref.		Modules
	TM150	150 mm height lid	
TM200	200 mm height lid		24
TC50	50 mm height blind lid		
TC150	150 mm height blind lid		
TC200	200 mm height blind lid		

## METAL COVERS ■



	MODULAR HINGED COVERS		Modules
	Commercial Ref.		
TMM150A	Modular lid 150 x 670 mm		24
TMM200A	Modular lid 200 x 670 mm		24
TMM300A	Modular lid 300 x 670 mm		2 x 24
TMM400A	Modular lid 400 x 670 mm		2 x 24
	BLANK HINGED COVERS		Modules
	Commercial Ref.		
TCM150A	Blind lid 150 x 670 mm		
TCM200A	Blind lid 200 x 670 mm		
TCM300A	Blind lid 300 x 670 mm		
TCM400A	Blind lid 400 x 670 mm		
	MODULAR FIXED COVERS		Modules
	Commercial Ref.		
TMM150F	Modular lid 150 x 670 mm		24
TMM200F	Modular lid 200 x 670 mm		24
TMM300F	Modular lid 300 x 670 mm		2 x 24
TMM400F	Modular lid 400 x 670 mm		2 x 24
	BLANK FIXED COVERS		Modules
	Commercial Ref.		
TCM50F	Blind lid 50 x 670 mm		
TCM150F	Blind lid 150 x 670 mm		
TCM200F	Blind lid 200 x 670 mm		
TCM300F	Blind lid 300 x 670 mm		
TCM400F	Blind lid 400 x 670 mm		

## DIN RAIL KIT ■


	Commercial Ref.		Modules
	48242	24 modules DIN Rail + fixing accessories	

# ATLANTIC PLUS accessories


## ■ TRUNKING SUPPORT KIT

 REF. 49368	 REF. 48243	<b>Commercial Ref.</b>	
		<b>49368</b>	Horizontal trunking support (2 pcs.)
		<b>48243</b>	Vertical trunking support (6 pcs.)


## ■ LATERAL AUXILIARY MODULE

	<b>Commercial Ref.</b>		<b>Dimensions</b>	<b>For cabinet</b>
	<b>MEL401810</b>		1.810x430x250	40ENL192-240
	<b>MEL402110</b>		2.110x430x250	40ENL216-288
DOOR TYPE: OPAQUE				


## ■ CENTRAL AUXILIARY MODULE

	<b>Commercial Ref.</b>		<b>Dimensions</b>	<b>For cabinet</b>
	<b>MEC401810</b>		1.810x430x250	40ENL192-240
	<b>MEC402110</b>		2.110x430x250	40ENL216-288
DOOR TYPE: OPAQUE				


## ■ ACCESSORIES FOR AUXILIARY MODULE

	<b>MAIN SWITCH</b>		
	<b>Commercial Ref.</b>		
	<b>48246*</b>		On/off switch assembly plate (300x273 mm)
	<b>48247</b>		Blanking cover switch plate h=400 mm
			* Regulation supports included
	<b>PROTECTION LIDS</b>		
	<b>Commercial Ref.</b>		
	<b>48266</b>		Busbar protection lid h=1200
	<b>48267</b>		Busbar protection lid H=1500
	<b>48370</b>		Busbar protection lid h=300
<b>48371</b>		Busbar protection lid h=450	
<b>48372</b>		Busbar protection lid h=600	
Two references must be requested: blind lid + protection lid			


## ■ LOCKS

 REF. 48463    REF. 48464 REF. 48465    REF. 48460	<b>Commercial Ref.</b>		
	<b>48463</b>	Triangular insert closure + triangular key	
	<b>48464</b>	Keyless pressure insert lock	
	<b>48465</b>	Safety insert lock with key	
		<b>48460</b>	Zamak double-bit key 5 mm


## LINKING STRUCTURE ■

	<b>Commercial Ref.</b>	
	<b>EE1810</b>	<i>Linking structure for 1.810 mm high cabinets</i>
	<b>EE2110</b>	<i>Linking structure for 2.110 mm high cabinets</i>

## MOUNTING PLATES ■

	<b>Commercial Ref.</b>	
	<b>PLM200</b>	<i>200 mm flat mounting plate</i>
	<b>PLM300</b>	<i>300 mm flat mounting plate</i>
	<b>PLM400</b>	<i>400 mm flat mounting plate</i>
	<b>48340</b>	<i>Accessory pack for mounting plate</i>

## ELEVATION AND FASTENING ■

	<b>Commercial Ref.</b>	
	<b>48244</b>	<i>Elevation and fastening pack</i>
	<b>Commercial Ref.</b>	
	<b>48245</b>	<i>Elevation, fastening and connection pack</i>

## DOORS FOR CABINETS ■

### FOR IP40 DETACHABLE SURFACE CABINETS



**Commercial Ref.**

<b>PO40ENL192</b>	<i>Opaque door for detachable cabinet 1.810x730x250</i>
<b>PT40ENL192</b>	<i>Transparent door for detachable cabinet 1.810x730x250</i>
<b>PO40ENL216</b>	<i>Opaque door for detachable cabinet 2.110x730x250</i>
<b>PT40ENL216</b>	<i>Transparent door for detachable cabinet 2.110x730x250</i>

### FOR IP55 COMPACT SURFACE CABINETS



**Commercial Ref.**

<b>PO55SUP192</b>	<i>Opaque door for compact cabinet 1.810x730x250</i>
<b>PT55SUP192</b>	<i>Transparent door for compact cabinet 1.810x730x250</i>
<b>PO55SUP216</b>	<i>Opaque door for compact cabinet 2.110x730x250</i>
<b>PT55SUP216</b>	<i>Transparent door for compact cabinet 2.110x730x250</i>

### FOR AUXILIARY MODULE



**Commercial Ref.**

<b>POME1810</b>	<i>Opaque door for auxiliary module h=1.810</i>
<b>POME2110</b>	<i>Opaque door for auxiliary module h=2.110</i>

# INSTALLATION COMPONENTS





## OTHER ACCESSORIES ■



**Commercial Ref.**

**48290** Pack of transport wheels 150 kg (2 wheels with brake + 2 without brake)



**Commercial Ref.**

**48300** Pack of levelling feet 270 kg (4 feet)



**Commercial Ref.**

**48115** Elevation eyebolts pack (2 pcs. bag)



**Commercial Ref.**

**49385** Insulating plan holder

**49388** DIN A4 metal plan holder

**49790** DIN A3 metal plan holder



**Commercial Ref.**

**49386** 600 mm metal plan holder (for Argenta Plus series)

**49387** 800 mm metal plan holder (for Argenta Plus series)



**Commercial Ref.**

**49366** Argenta Plus 600 mm vertical trunking support

**49367** Argenta Plus 800 mm vertical trunking support

**49368** Argenta Plus and Atlantic horizontal trunking support (2 pcs. bag)

**48243** Atlantic Plus vertical trunking support (6 pcs. bag)



**Commercial Ref.**

**49390** 105x105 High-voltage sign



**Commercial Ref.**

**48292** RAL7035 grey textured paint

**48294** RAL7016 grey textured anthracite paint



**Commercial Ref.**



**77590** Grey module cover (6 modules)

**48019** Grey module cover (1 meter) (not suitable for plastic lids)





# INSTALLATION COMPONENTS accessories


## ■ DOOR ACCESSORIES

	<b>Commercial Ref.</b>	
	<b>48380</b>	<i>Door retainer; Length 130 for 250 mm width cabinet</i>
	<b>48466</b>	<i>Door retainer; Length 230 for 500 mm width cabinet</i>
	<b>48382</b>	<i>Door retainer; Length 375 for swing-frame</i>
	<b>Commercial Ref.</b>	
	<b>48462</b>	<i>Limit switch</i>

## ■ EARTHING KIT

	<b>Commercial Ref.</b>	
	<b>48452</b>	<i>Earthing kit</i>
	<b>Commercial Ref.</b>	
	<b>48437</b>	<i>150 mm flat ground connection</i>
	<b>48440</b>	<i>200 mm flat ground connection</i>

## ■ DISTRIBUTION BLOCK

	<b>Commercial Ref.</b>	
	<b>48653</b>	<i>2x6/125A distribution block</i>
	<b>48654</b>	<i>2x14/125A distribution block</i>
	<b>48655</b>	<i>4x10/125A distribution block</i>
	<b>48656</b>	<i>4x14/125A distribution block</i>
	<b>48657</b>	<i>4x6/125A distribution block</i>
	<b>48658</b>	<i>4x11/160A distribution block</i>
	<b>48659</b>	<i>TD80/100AL distribution block</i>

## BUSBAR SUPPORTS



Commercial Ref.

**48453**

*Lateral copper bar support 160/250A*

Voltage	Current	Bar diameter (mm)	Maximum distance between busbar supports - l <sub>cw</sub> kA eff. 1 s./l <sub>pk</sub> kA		
			6,5/11	8/14	12/24
0 a 1.000 V	160 A	15 x 5	550	447	253
	250 A	20 x 5	635	516	281



Commercial Ref.

**48800**

*Lateral copper bar support 160/630A*

Voltage	Current	Bar diameter (mm)	Maximum distance between busbar supports - l <sub>cw</sub> kA eff. 1 s./l <sub>pk</sub> kA			
			6,5/11	8/14	12/24	23/48
0 a 1.000 V	160 A	15 x 5	696	565	320	102
	250 A	20 x 5	804	653	370	102
	400 A	32 x 5	1000	826	418	102
		20 x 10	1000	1000	418	102
		30 x 10	1000	1000	418	102



Commercial Ref.

**48454**

*Bottom copper bar support 160/400A*

Voltage	Current	Bar diameter (mm)	Maximum distance between busbar supports - l <sub>cw</sub> kA eff. 1 s./l <sub>pk</sub> kA			
			6,5/11	8/14	12/24	20/40
0 a 1.000 V	160 A	15 x 5	450	450	450	300
	250 A	20 x 5	450	450	450	300
	400 A	32 x 5	450	450	450	300



Commercial Ref.

**48686**

*160A-630A TN horizontal busbar support*

Bar diameter	Maximum distance between busbar supports - l <sub>cw</sub> kA eff. 1 s./l <sub>pk</sub> kA					
	11/6,5	14/8,2	24/12	48/22	63/30	70/33
loc. eff. in kA						
	▶ ← 10 mm					
15x5	747	716	611	358	200	-
20x5	882	841	706	382	179	-
25x5	873	831	690	352	141	-
30x5	1000	1000	890	530	305	200
15x10	839	799	668	352	155	-
20x10	893	853	720	400	200	107
30x10	1000	1000	890	530	305	200



Commercial Ref.

**48687**

*160A-630A TN horizontal busbar support cover*



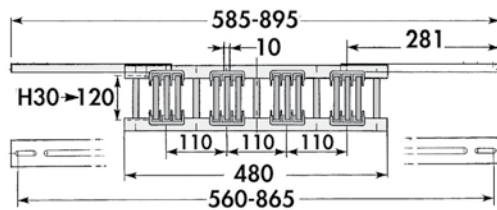
## BUSBAR SUPPORTS



Commercial Ref.

**48688**

3/10 TN (4500A) busbar support



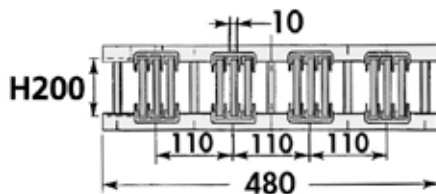
Bar diameter loc. eff. in kA	Maximum distance between busbar supports - l <sub>cw</sub> kA eff. 1 s./l <sub>pk</sub> kA										
	12/24	23/48	30/63	39/82	52/114	66/145	69/152	75/165	85/187	95/209	105/231
	← 10 mm										
30	1000	747	572	440	315	248	237	218	192	172	155
40	1000	863	661	508	364	286	274	252	222	199	172
50	1000	965	739	568	407	320	306	282	248	210	172
63	1000	1000	810	623	446	351	336	309	263	210	172
80	1000	1000	935	719	515	405	388	338	263	210	172
100	1000	1000	1000	804	576	437	400	338	263	210	172
120	1000	1000	1000	881	631	437	400	338	263	210	172
	← 10 mm										
30	1000	1000	810	623	446	351	336	309	272	243	205
40	1000	1000	935	719	515	405	388	357	313	250	205
50	1000	1000	1000	804	576	453	433	399	313	250	205
63	1000	1000	1000	881	631	497	475	402	313	250	205
80	1000	1000	1000	1000	728	519	475	402	313	250	205
100	1000	1000	1000	1000	814	519	475	402	313	250	205
120	1000	1000	1000	1000	837	519	475	402	313	250	205
	← 10 mm										
30	1000	1000	992	763	548	430	411	378	313	250	205
40	1000	1000	1000	881	631	497	475	402	313	250	205
50	1000	1000	1000	985	705	519	475	402	313	250	205
63	1000	1000	1000	1000	772	519	475	402	313	250	205
80	1000	1000	1000	1000	837	519	475	402	313	250	205
100	1000	1000	1000	1000	837	519	475	402	313	250	205
120	1000	1000	1000	1000	837	519	475	402	313	250	205



Commercial Ref.

**48689**

3/10 TN 200 (7400A) busbar support



Bar diameter loc. eff. in kA	Maximum distance between busbar supports - l <sub>cw</sub> kA eff. 1 s./l <sub>pk</sub> kA										
	12/24	23/48	30/63	39/82	52/114	66/145	69/152	75/165	85/187	95/209	105/231
	← 10 mm										
200	1000	1000	1000	1000	1000	705	437	400	338	263	210
	← 10 mm										
200	1000	1000	1000	1000	1000	837	519	475	402	313	205
	← 10 mm										
200	1000	1000	1000	1000	1000	837	519	475	402	313	205

## COPPER BARS



Commercial Ref.

<b>48791</b>	12 x 4 x 2000 flat copper bar: maximum rated current at 65°C 160A
<b>48792</b>	12 x 4 x 2000 threaded copper bar: maximum rated current at 65°C 160A
<b>48793</b>	15 x 5 x 1000 threaded copper bar: maximum rated current at 65°C 218A
<b>48794</b>	20 x 5 x 1000 threaded copper bar: maximum rated current at 65°C 274A
<b>48795</b>	32 x 5 x 2000 threaded copper bar: maximum rated current at 65°C 400A

Bar cross section (mm)	Bar Length (mm)	Type	Distance between drills (mm)	Nominal current (A)	
				85° C	65° C
12 x 4	2000	Flat	-	212	160
12 x 4	2000	M5	18	212	160
15 x 5	1000	M6	25	289	218
20 x 5	1000	M6	25	363	274
32 x 5	2000	M6	17,5	530	400

# INSTALLATION COMPONENTS accessories

## ■ PROTECTION SCREEN



### Commercial Ref.

<b>48421</b>	<i>Lateral copper bar protection screen (1.000x500x3mm)</i>
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## ■ CONNECTORS



### Commercial Ref.

<b>48283</b>	<i>5-50 mm<sup>2</sup> busbar connector</i>
<b>48644</b>	<i>12x4 copper bar support</i>
<b>48645</b>	<i>12x4 cable clamps</i>
<b>48646</b>	<i>16 mm<sup>2</sup> main cable clamp</i>
<b>48647</b>	<i>35 mm<sup>2</sup> main cable clamp</i>
<b>48651</b>	<i>Sloping support</i>
<b>48652</b>	<i>30x30 bracket</i>

## ■ CONNECTING COMBS



### Commercial Ref.

<b>48250</b>	<i>PIN-type 63A single-pole comb</i>
<b>48251</b>	<i>FORK-type 63A single-pole comb</i>
<b>48252</b>	<i>PIN-type 80A single-pole comb</i>
<b>48253</b>	<i>FORK-type 80A single-pole comb</i>
<b>48256</b>	<i>PIN-type 63A double-pole comb</i>
<b>48257</b>	<i>FORK-type 63A double-pole comb</i>
<b>48258</b>	<i>PIN-type 80A double-pole comb</i>
<b>48259</b>	<i>FORK-type 80A double-pole comb</i>
<b>48262</b>	<i>PIN-type 63A triple-pole comb</i>
<b>48263</b>	<i>FORK-type 63A triple-pole comb</i>
<b>48264</b>	<i>PIN-type 80A triple-pole comb</i>
<b>48265</b>	<i>FORK-type 80A triple-pole comb</i>
<b>48268</b>	<i>PIN-type 63A quadruple-pole comb</i>
<b>48269</b>	<i>FORK-type 63A quadruple-pole comb</i>
<b>48270</b>	<i>PIN-type 80A quadruple-pole comb</i>
<b>48271</b>	<i>FORK-type 80A quadruple-pole comb</i>
<b>48274</b>	<i>Final comb 2x63-2x80-3x63-3x80</i>
<b>48275</b>	<i>Final comb 4x63-4x80</i>



## DIN RAILS ■



### Commercial Ref.

<b>48783</b>	<i>DIN profile symmetrical and plain 35x15; 5 bars 425 mm</i>
<b>48784</b>	<i>DIN profile symmetrical and plain 35x15; 5 bars 625 mm</i>
<b>48785</b>	<i>DIN profile symmetrical and plain 35x7.5; 2 m bar</i>
<b>48786</b>	<i>DIN profile symmetrical and plain 35x15; 2 m bar</i>
<b>48787</b>	<i>DIN profile symmetrical and grooved 35x7.5; 2 m bar</i>
<b>48788</b>	<i>DIN profile symmetrical and grooved 35x15; 2 m bar</i>

## SPACERS ■



### Commercial Ref.

<b>48669</b>	<i>M6 Insulated nut</i>
<b>48670</b>	<i>M6 Insulated cap</i>
<b>48671</b>	<i>M6 15 mm insulated spacer</i>
<b>48672</b>	<i>M6 20 mm insulated spacer</i>
<b>48673</b>	<i>M6 30 mm insulated spacer</i>
<b>48674</b>	<i>M6 45 mm insulated spacer</i>
<b>48675</b>	<i>M6 60 mm metallic spacer</i>
<b>48676</b>	<i>M6 70 mm metallic spacer</i>
<b>48677</b>	<i>M6 80 mm metallic spacer</i>
<b>48678</b>	<i>M6 90 mm metallic spacer</i>
<b>48679</b>	<i>M6 100 mm metallic spacer</i>

## CABLE SLEEVING ■























### Commercial Ref.

<b>48286</b>	<i>6 mm sleeve (50 m)</i>
<b>48287</b>	<i>12 mm sleeve (25 m)</i>
<b>48288</b>	<i>16 mm sleeve (25 m)</i>
<b>48289</b>	<i>22 mm sleeve (25 m)</i>

# INSTALLATION COMPONENTS accessories

## ■ NUTS & BOLTS

Commercial Ref.	
	<b>48429</b> M6 cage nuts (100 pcs. bag)
	<b>48416</b> M6 - normal cage nut (100 pcs. bag)
	<b>48435</b> M8 cage nuts with 3 mm wing (100 pcs. bag)
	<b>48424</b> M6x19 Torx-trilobular countersunk screw (100 pcs. bag)
	<b>48425</b> M6x12 Torx-tribular pan head screw (100 pcs. bag)
	<b>48468</b> M8x16 Allen screw (100 pcs. bag)
	<b>48430</b> M6x10 Torx - Non-rotating screw 8.8 hardness (100 pcs. bag)
	<b>48470</b> M12x20 Allen screw (100 pcs. bag)
	<b>48476</b> M6x10 HEX PH+R - Non-rotating screw 4.8 hardness (100 pcs. bag)
	<b>48434</b> M6x20H DIN965 screw (100 pcs. bag)
	<b>48417</b> M8 Non-rotating nut (100 pcs. bag)
	<b>48433</b> M6 DIN 934 nuts (100 pcs. bag)
	<b>48418</b> Clipping plug 3.5x13 (100 pcs. bag)
	<b>48428</b> 5x11 rivets (100 pcs. bag)
	<b>48431</b> M4x7 Self-tapping sheet metal screws (100 pcs. bag)
	<b>48432</b> DIN7981 F 3,5x6,5 machined screws (100 pcs. bag)
	<b>48436</b> Plastic caps (flush-fit doors) (100 pcs. bag)
	<b>48438</b> Plastic cap for machined screws in the reversibility of Argenta and Atlantic series (100 pcs. bag)
	<b>48511</b> Plastic cap for reversibility of Argenta doors (100 pcs. bag)
	<b>48439</b> Turning bushes (flush-fit boards) (100 pcs. bag)
	<b>48512</b> Machined screw for cable entries lid (100 pcs. bag)

## VENTILATION ■



### VENTILATION LOUVRES

Commercial Ref.	Dimensions (mm)	
<b>49330</b>	180 x 130	IP30 Ventilation louvres (2 pcs.)
<b>49331</b>	105 x 154	IP30 Ventilation louvres (2 pcs.)
<b>49332</b>	130 x 250	IP30 Ventilation louvres (2 pcs.)
<b>49335</b>	167 x 105	IP30 Ventilation louvres (2 pcs.)
<b>49336</b>	167 x 105	IP33 Ventilation louvres with watertight gaskets (2 pcs.)



### FILTER FAN

Made with self-extinguishing PC-FR frame and grille, ABS UL94 V0

Com. Ref.	Nominal voltage	Free air flow	Cut dimension; wall thickness up to 2 mm	External dimensions	Absorbed power	Internal depth	Noise level (db A)	Level of protection
<b>49344</b>	230V/AC	55 m <sup>3</sup> /h / 18 W/K	125x125	150x150	22W	71	43	IP54
<b>49346</b>	24V/DC	55 m <sup>3</sup> /h / 18 W/K	125x125	150x150	9W	71	45	IP54
<b>49648</b>	230V/AC	100 m <sup>3</sup> /h / 34 W/K	177x177	204x204	24W	92	43	IP54
<b>49649</b>	24V/DC	110 m <sup>3</sup> /h / 34 W/K	177x177	204x204	9W	92	45	IP54
<b>49345</b>	230V/AC	230 m <sup>3</sup> /h / 78 W/K	225x225	250x250	40W	113	53	IP54
<b>49347</b>	24V/DC	230 m <sup>3</sup> /h / 78 W/K	225x225	250x250	26W	113	61	IP54
<b>49650</b>	230V/AC	370 m <sup>3</sup> /h / 121 W/K	225x225	250x250	70W	104	65	IP54
<b>49342</b>	230V/AC	500 m <sup>3</sup> /h / 165 W/K	291x291	325x325	70W	145	65	IP54
<b>49343</b>	230V/AC	630 m <sup>3</sup> /h / 210 W/K	291x291	325x325	130W	145	72	IP54

### FILTER GRILLES (FILTER INCLUDED)

Commercial Ref.		Installation cut out
<b>49337</b>	Filter grilles for fan of 150x150 IP54	125 x 125
<b>49640</b>	Filter grilles for fan of 204x204 IP54	177 x 177
<b>49338</b>	Filter grilles for fan of 250x250 IP54	224 x 224
<b>49339</b>	Filter grilles for fan of 325x325 IP54	291 x 291

Considering the filter fan assembling dimensions

### PACK FILTER MESH

Commercial Ref.	
<b>48301</b>	IP54 filter mesh for fans 49344 & 49346 (10 units)
<b>48302</b>	IP54 filter mesh for fans 49345, 49347 & 49650 (10 units)
<b>48303</b>	IP54 filter mesh for fans 49342 & 49343 (10 units)
<b>48305</b>	IP54 filter mesh for fans 49648 & 49649 (10 units)

# INSTALLATION COMPONENTS accessories

## VENTILATION



### CEILING FAN

Variation of the air flow  $\pm 15\%$

Com. Ref.	Nominal AC Voltage	Free air flow	Cut size; wall thickness up to 2 mm	External dimensions	Absorbed power	Noise level (db A)	Level of protection
48308	230V 50/60Hz	451/479 m <sup>3</sup> /h	189x189	324x324x94	80/85 W	59/61	IP54
48309	230V 50/60Hz	468/502 m <sup>3</sup> /h	255x255	375x375x119	62/78 W	59/61	IP54
48310	230V 50/60Hz	680/723 m <sup>3</sup> /h	255x255	375x375x119	158/213 W	70/71	IP54

UL Certified

## HEATING



### HEAT RESISTANCE (PROTECTION CLASS II)

Com. Ref.	AC/DC Voltage	Heating power (Tu=+20°C)	Max. surface temperature	Temperature range	Dimensions (HeightxWidthxDepth)	Level of protection
48314	110-250 V	10 W	< 85 °C	-45 °C + 70°C	98x38x75	IP20
48315	110-250 V	20 W	< 85 °C	-45 °C + 70°C	98x38x75	IP20
48317	110-250 V	50 W	< 80 °C*	-45 °C + 70°C	110x60x90	IP20
48319	110-250 V	100 W	< 80 °C*	-45 °C + 70°C	110x60x90	IP20
48320	110-250 V	150 W	< 80 °C*	-45 °C + 70°C	150x60x90	IP20

UL Certified

\* Except on top rack



### HEAT RESISTANCE WITH FAN

Com. Ref.	Voltage AC	Heating power (Tu=+20°C)	Max. surface temperature	Temperature range	Dimensions (HeightxWidthxDepth)	Level of protection
48321	230V 50/60Hz	250 W	70 °C	-45°C + 70°C	182x85x100	IP20
48322	230V 50/60Hz	400 W	75 °C	-45°C + 70°C	222x85x100	IP20

Fan air flow 50 m<sup>3</sup>/h (50Hz) UL Certified



## LAMPS




Com. Ref.		Voltage AC
48296	Schuko socket magnetic attachment lamp	230V 50/60Hz
48297	French socket magnetic attachment lamp	230V 50/60Hz
48298	Swiss socket magnetic attachment lamp	230V 50/60Hz
48299	British socket magnetic attachment lamp	230V 50/60Hz



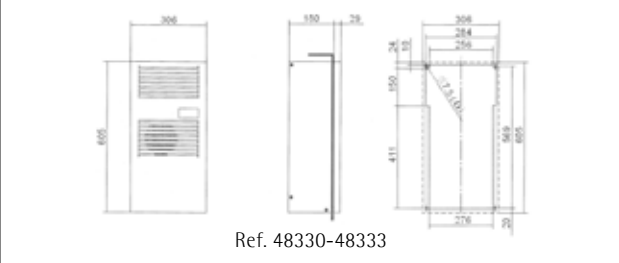
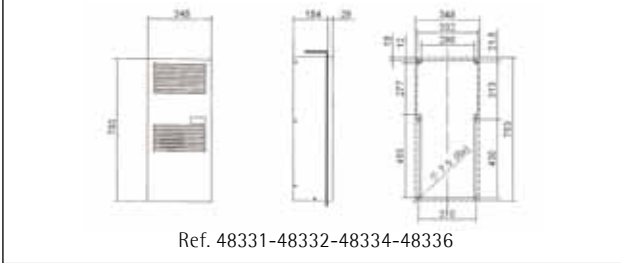
## CONTROLLERS

Com. Ref.		Maximum rated power AC/240V	Temperature range	Operating/storage temperature	Humidity control	Level of protection
 Ref. 48325 Simple thermostat	48325	Simple	AC/240V 10A (4)A/DC 30W	+5°C +60 °C	-45°C +65°C	- IP20
	48326	Double	AC/240V 10A (2)A/DC 30W	0 °C +60 °C	-45°C +65°C	- IP20
UL Certified						
Com. Ref.		Maximum rated power AC/240V	Temperature range	Operating/storage temperature	Humidity control	Level of protection
 Ref. 48327 Electronic hygrostat	48327	Hygrostat	AC/240V 8A(1,6) A/DC 24W 4A	-	0 °C +60 °C/-20a +70°C	40-90% IP20
	48328	Hygrotherm	AC/240V 8A(1,6) A/DC 24W 4A	0 °C +60 °C	-40a +60 °C/-20a +80°C	40-90% IP20
UL Certified						

## AIR CONDITIONERS

Com. Ref.		Voltage	Cooling capacity (A35/A35)	Cooling gas	External dimensions (Height x Width x Depth)	Level of protection
	48331	Surface	230V	820 W	R134a 783x348x215	IP54
	48332	Surface	230V	1.000 W	R134a 783x348x215	IP54
	48333	Partially flush mounted	230V	640 W	R134a 606x316x209	IP54
	48334	Partially flush mounted	230V	820 W	R134a 783x348x213	IP54
	48336	Partially flush mounted	230V	1.000 W	R134a 783x348x213	IP54

	Ref. 48330-48333
	Ref. 48331-48332-48334-48336

## EXCHANGER PHASE

Com. Ref.	Voltage	Absorbed power	Free air flow	Temperature range	External dimensions (Height x Width x Depth)	Level of protection
48360	230V	140W	570m <sup>3</sup> /h	-5°C +55°C	771x316x93	IP54

## DEVICES

Com. Ref.	Water evacuation	Torque	Dimensions	Operating/storage temperature	RAL	Level of protection
48337	-	-	70x50x21	-45°C +70°C	7035	IP45
48338	1.200 l/h (70 mbar)	5 Nm (10 Nm max)	Ø 60x37	-45°C +70°C	7035	IP66/IP67
48339	200 ml/h*	6 Nm max	Ø 60x49,5	-45°C +70°C	7022	IP66/IP67

\* In a 5 mm water column





# Fenix

## ■ RF60 FIRE PROTECTION DOORS

In an attempt to continuously satisfy the market needs, IDE presents its Fireproof Covers. They are especially designed to be installed in corridors of buildings to act as protectors for the electrical wiring and as a fire barrier in the event of fire, actively preventing flame propagation.

The **metal covers** are made of cold-rolled steel plate and they have an insulating panel comprised of a silica sand compound that prevents flame propagation.

They are available in three different sizes: 450x500 mm, 500x700 mm and 300x1350 mm, thus adapting to the requirements of the applicable regulation. They are manufactured in accordance with the requirements of the **REBT: 2002** (Low voltage electro-technical regulation) and are certified in accredited laboratories according to UNE and EN standards, having obtained the EI<sub>2</sub>30 and EI<sub>2</sub>60 qualifications (depending on versions).



## TECHNICAL DATA

■ degree of protection	<b>IP43</b>
■ resistance to impact	<b>IK10</b>
■ fire resistance	<b>EI<sub>2</sub>30</b> <b>EI<sub>2</sub>60</b>
■ materials	
	door and frame in cold laminated steel
	lockers in stainless steel
	hinges in stainless steel
	intumescent gasket in exfoliated graphite
	insulating panel with silica sand and fibre glass

registers manufactured under REBT: 2002. Certificates obtained in accredited laboratories under norms EN 13501-2:2004 and EN 1634-1:2000.

# technical FEATURES

Materials: Manufactured from cold laminated steel. Doors and frames are covered with high resistance paint on RAL 7035



Insulate plate which can stand temperatures up to 1300°C. Manufactured with special material that reduces thickness of the door

Hinges. Fire resistance stainless steel door hinges


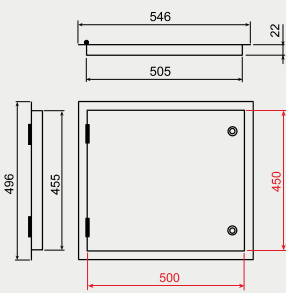



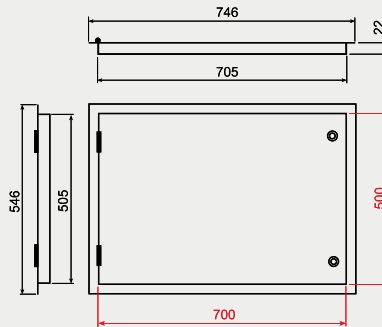
Gasket placed at the internal side of the frame. It expands when the temperature rises in order to avoid hot gases to get through. Expandible by 10 times its original size


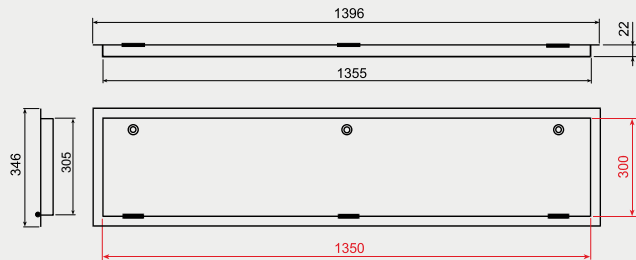
Extendable wings for a perfect flush-fitted installation, the door remains at the same level as the wall, with just the hinges jutting out

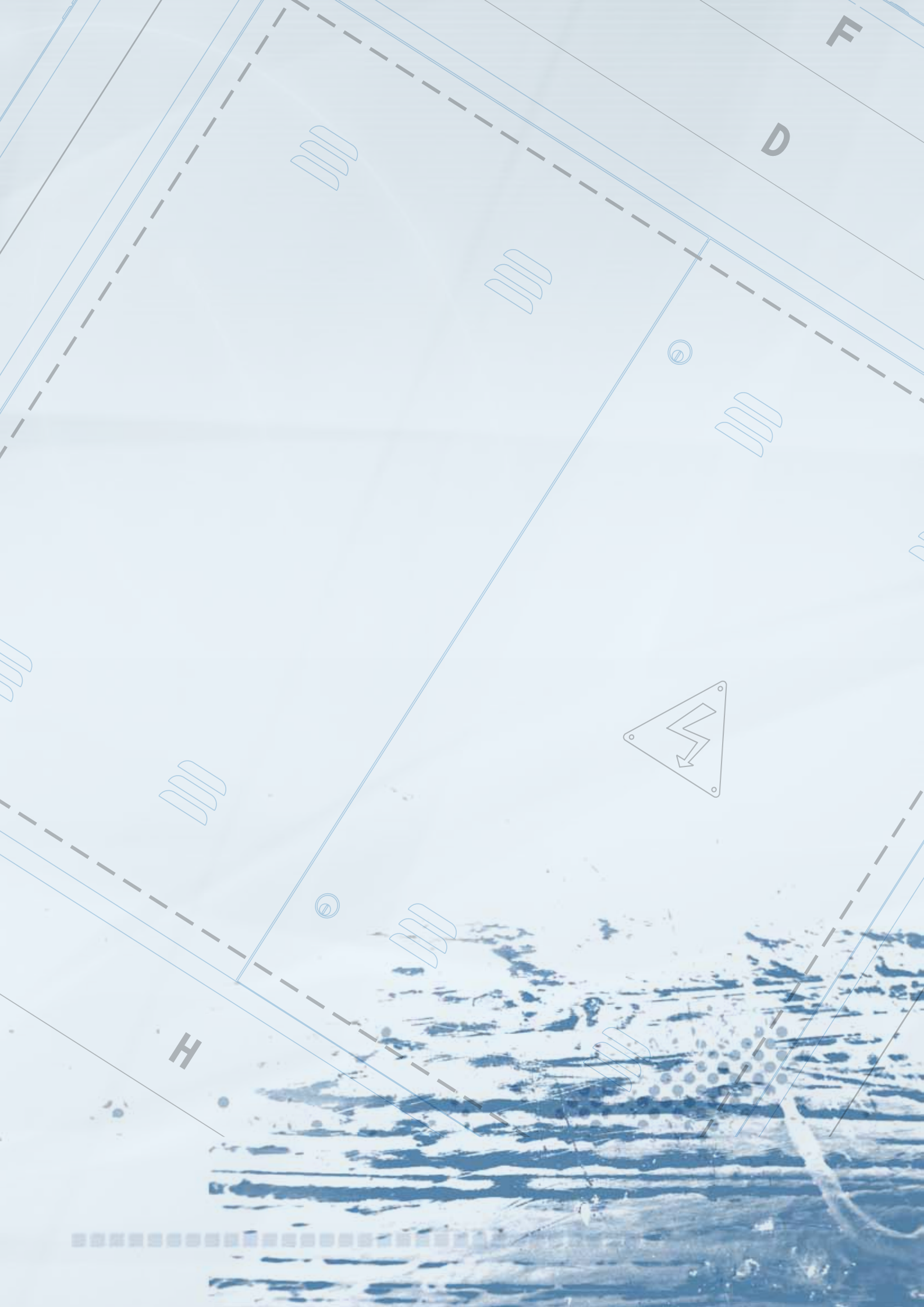


Lockers in stainless steel, according to REBT: 2002 normative

	<b>Commercial Ref.</b> <b>30RF4550</b> <i>Fire resistance: 30 minutes</i>	
	<b>60RF4550</b> <i>Fire resistance: 60 minutes</i>	
<b>IP43</b>	TYPE: RF30MET / RF60MET WALL RECESS: 455x505x22 mm	

	<b>Commercial Ref.</b> <b>30RF5070</b> <i>Fire resistance: 30 minutes</i>	
	<b>60RF5070</b> <i>Fire resistance: 60 minutes</i>	
<b>IP43</b>	TYPE: RF30MET / RF60MET WALL RECESS: 505x705x22 mm	

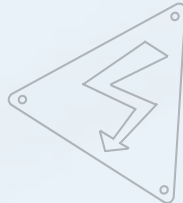
	<b>Commercial Ref.</b> <b>30RF30135</b> <i>Fire resistance: 30 minutes</i>	
	<b>60RF30135</b> <i>Fire resistance: 60 minutes</i>	
<b>IP43</b>	TYPE: RF30MET / RF60MET WALL RECESS: 305x1.355x22 mm	



F

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# TECHNICAL STANDARDS

**IP**: Protection degree against entry of solid parts and water to internal parts of the component.

**IP** **XX** ————— Protection degree against entry of water (from 0 to 8)  
 Protection degree against access of solid parts and shock hazard protection (from 0 to 6)

## DEGREE OF PROTECTION

IP	IP 0X	IP 1X	IP 2X	IP 3X	IP 4X	IP 5X	IP 6X
Shock hazard protection	Not protected	Protected against contact with back of hand (gauge probe diam. 50 mm.)	Protected against contact with finger (jointed metal finger diam. 12 mm. length 80 mm.)	Protected against contact with tool (gauge probe diam. 2,5 mm.)	Protected against contact with wire (gauge probe diam. 1 mm.)	Protected against contact with wire (gauge probe diam. 1 mm.)	Protected against contact with wire (gauge probe diam. 1 mm.)
Protection against entry of solid parts	Not protected	Solid item larger than 50 mm.	Solid item larger than 12,5 mm.	Solid item larger than 2,5 mm.	Solid item larger than 1 mm.	Dust in harmful quantities	Dust overall

## DEGREE OF PROTECTION AGAINST ENTRY OF WATER

IP X0	IP X1	IP X2	IP X3	IP X4	IP X5	IP X6	IP X7	IP X8
Not protected	Protected against vertical dropping of water	Protected against vertical dropping of water over a component in a max. inclination degree of 15°	Protected against sprayed water	Protected against splashed water	Protected against water jets	Protected against strong water jets	Protected against temporary immersion in water	Protected against continuous immersion in water

**IK**: Degree of protection against impacts

**IK** **XX** ————— Indication of energy rate of impact.

IK	IK 00	IK 01	IK 02	IK 03	IK 04	IK 05	IK 06	IK 07	IK 08	IK 09	IP 10
Energy rate of impact (jules)	Not protected	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20

## ■ GENERAL EXPORT SALES CONDITIONS

These Sales Conditions are applied to all orders sent directly to **I DIVISIÓN ELÉCTRICA, S.A.** main office. They shall also be applied to those orders requested to any Agent or Representative authorized by **I DIVISIÓN ELÉCTRICA, S.A.**

Sales prices will be those in force at the time of the order, specified in a Price List duly identified. Benefits and discounts agreed in each case will also be applied.

Our prices include a standard packing. Orders must always be multiple of IDE's standard packing units. **I DIVISIÓN ELÉCTRICA, S.A.** may apply its right to modify requested units of any reference if not properly adjusted to multiple of packing.

Prices are quoted under EXWORK terms. Other conditions must be agreed between the customer and **I DIVISIÓN ELÉCTRICA, S.A.** Minimum order requirements €3,000.

Goods will be delivered at the shortest possible time depending on the availability of the requested products. Partial shipments can be allowed in case of urgency of delivery. IDE is not liable for any possible loss or harm during the transport of goods. Transport damage has to be confirmed immediately by the client, as there is otherwise no compensation.

Returned material must always be authorized by the Commercial Department of **I DIVISIÓN ELÉCTRICA, S.A.** Authorized returns should travel free of transport expenses to our warehouse. In any case, returns should be done within a maximum period of 30 days from the date of the order, unless there is a special agreement. All returned goods will have a minimum depreciation of 15% of its value due to our internal reviewing and restocking process. This depreciation could be higher due to the product conditions or manipulation needs.

Stipulated price will be paid by the BUYER in the due date. In the case of **I DIVISIÓN ELÉCTRICA, S.A.** accepting any payment postponement, the BUYER undertakes to accept subsequent rates and expenses.

All goods delivered are property of **I DIVISIÓN ELÉCTRICA, S.A.** until their full payment has been done. **I DIVISIÓN ELÉCTRICA, S.A.** does not accept any economic penalty due to delay in delivery time, unless there is a written and accepted agreement indicating it.

All goods manufactured by **I DIVISIÓN ELÉCTRICA, S.A.** are GUARANTEED according to current directives. In order to benefit from them, the BUYER must immediately acknowledge the detected anomaly to **I DIVISIÓN ELÉCTRICA, S.A.**

**I DIVISIÓN ELÉCTRICA, S.A.** is committed to replace without any charge defective goods, which will remain property of I DIVISION ELECTRICA, S.A. in order to analyze and correct the defects.

The GUARANTEE does not include products deteriorated by handling or inadequate assembly, improper storage or maintenance, or those products that have suffered any modification without previous written authorization by **I DIVISIÓN ELÉCTRICA, S.A.**

In case of litigation the BUYER will submit to the Jurisdiction of the Courts of Zaragoza – Spain, with renounce to any other law-code.



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