



# Atlantic Plus

## ■ IP40 – IP55 DISTRIBUTION CABINETS

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>
■ resistance to impact:	
■ for both types	<b>IK09</b>
■ range of temperature under normal conditions between	<b>-25°C/+40°C</b> (50% rate of humidity)
■ maximum rated current of each assembly circuit	<b>630 A</b>
■ maximum operational voltage	<b>1.000 V</b>
■ rated short-time withstand current	<b>20 KA eff. 1 s.</b> (according to type of accessories)
■ rated peak withstand current	<b>40 KA</b> (according to type of accessories)
■ materials	<b>1,2 mm cold-rolled steel sheeting</b>
■ colour	<b>RAL7035</b>

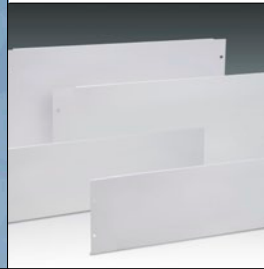
*Conforms directive 2006/95/CE; and norm EN62208.*

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



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 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 7035. Possibility of other locks supplied as accessories



# technical FEATURES

## IP40 DETACHABLE CABINETS

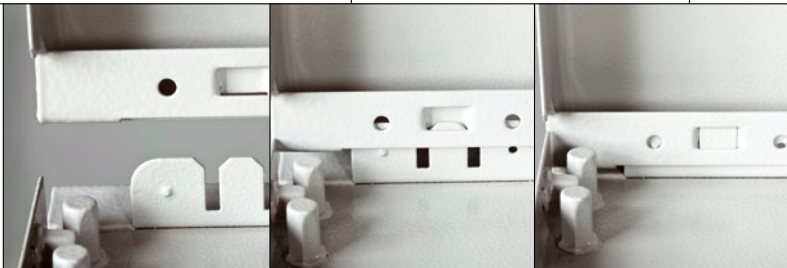
Total height of the cabinet including the plinth: 1.810 or 2.110 mm (depending on versions). Plinth included in the unit

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

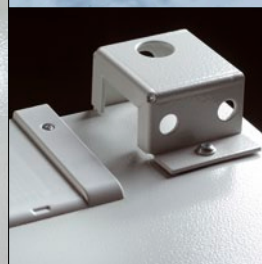


Upper and lower cable entry:

- 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

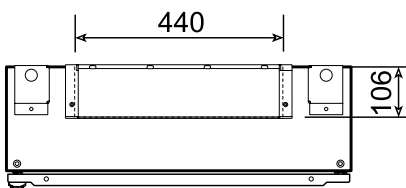
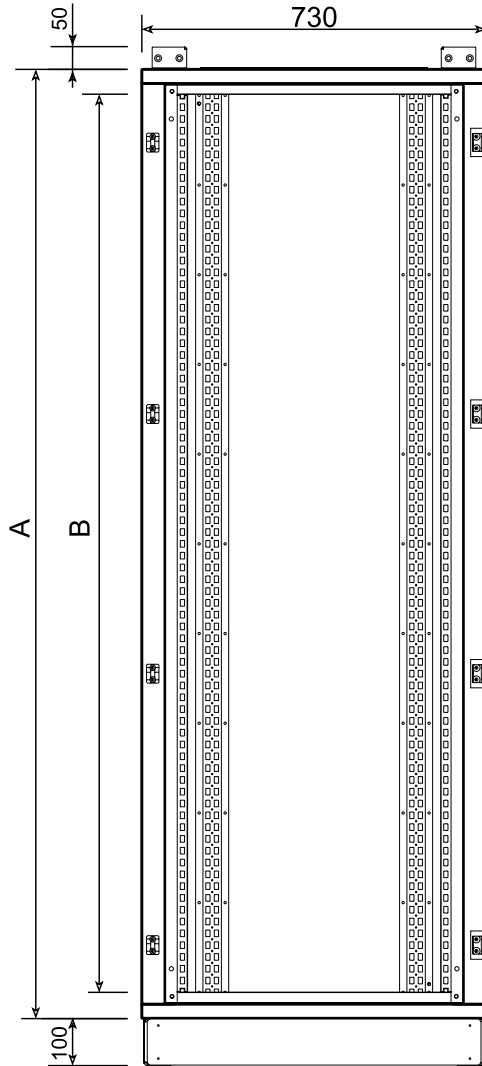
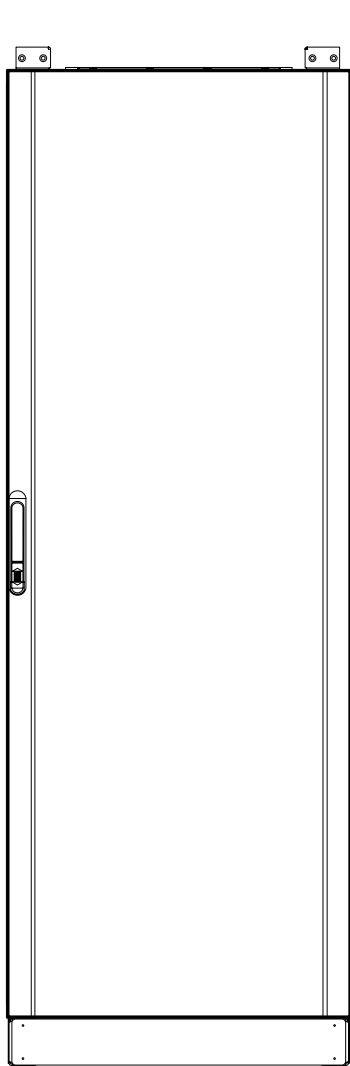
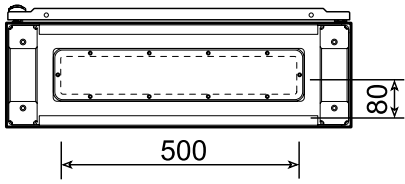


500 x 80 mm upper and lower cable  
entry

Elevation and transport system



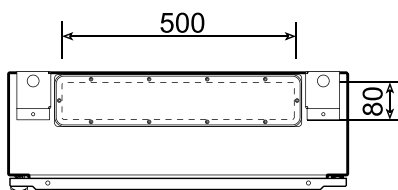
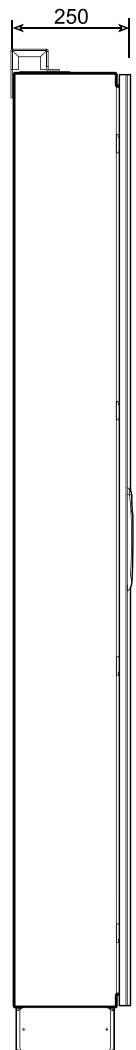
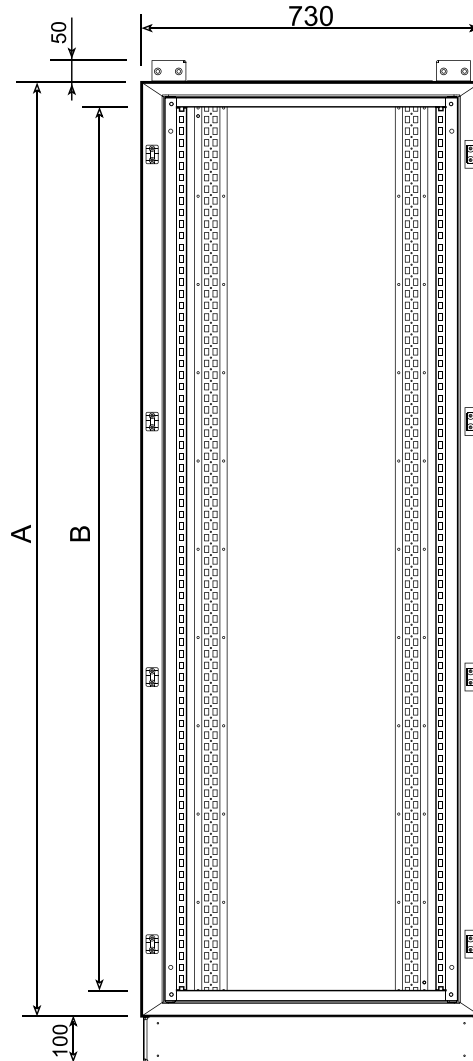
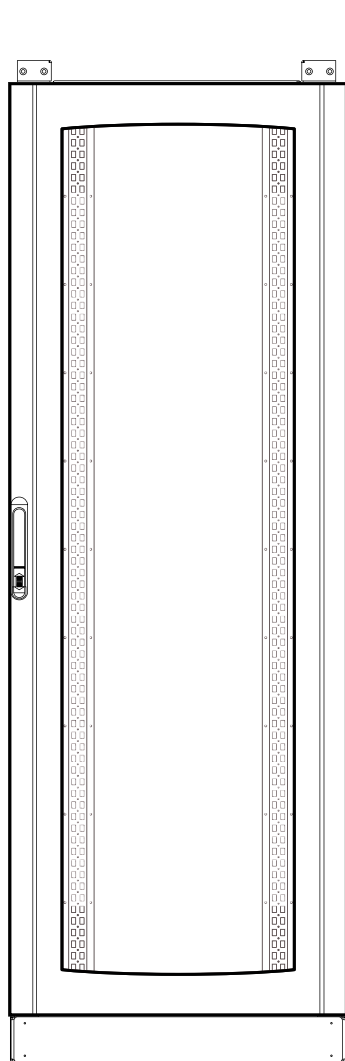
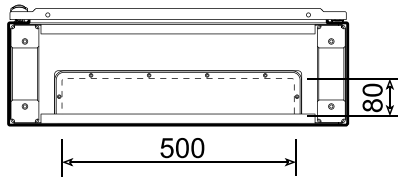
# IP40 DETACHABLE CABINETS



Cabinet	A	B
40VS192-240	1.710	1.600
40VS216-288	2.010	1.900


# dimensions ATLANTIC PLUS


## IP55 COMPACT CABINETS ■




Cabinet	A	B
55VS192-240	1.710	1.600
55VS216-288	2.010	1.900


## ■ IP40 SURFACE DETACHABLE CABINETS

	<b>Commercial Ref.</b>		<b>Dimensions</b>
	<b>40VS192-240PO</b>	<i>With opaque door</i>	1.810x730x250
	<b>40VS192-240PT</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>40VS216-288PO</b>	<i>With opaque door</i>	2.110x730x250
	<b>40VS216-288PT</b>	<i>With transparent door</i>	2.110x730x250
	Useful space for lids: 1.900 mm		
TYPE: 40AS216		216-288 modules	

## ■ IP55 SURFACE COMPACT CABINETS




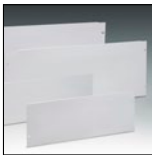
	<b>Commercial Ref.</b>		<b>Dimensions</b>
	<b>55VS192-240PO</b>	<i>With opaque door</i>	1.810x730x250
	<b>55VS192-240PT</b>	<i>With transparent door</i>	1.810x730x250
	Useful space for lids: 1.600 mm		
TYPE: 55AS192		192-240 modules	

	<b>Commercial Ref.</b>		<b>Dimensions</b>
	<b>55VS216-288PO</b>	<i>With opaque door</i>	2.110x730x250
	<b>55VS216-288PT</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	24
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

		<b>Commercial Ref.</b>	
REF. 49368	REF. 48243	<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	40VS192-240
	<b>MEL402110</b>	2.110x430x250	40VS216-288
	DOOR TYPE: OPAQUE		





## ■ CENTRAL AUXILIARY MODULE

	<b>Commercial Ref.</b>	<b>Dimensions</b>	<b>For cabinet</b>
	<b>MEC401810</b>	1.810x430x250	40VS192-240
	<b>MEC402110</b>	2.110x430x250	40VS216-288
	DOOR TYPE: OPAQUE		


## ■ ACCESSORIES FOR AUXILIARY MODULE

	<b>Commercial Ref.</b>	
	<b>48246*</b>	On/off switch assembly plate for auxiliary module (300x273 mm) * Regulation supports included
	<b>Commercial Ref.</b>	
	<b>48247</b>	Blanking cover for auxiliary module switch plate (h=400 mm)
	<b>48266</b>	Busbar protection lid for auxiliary module 1.810 (h=1.248 mm)
	<b>48267</b>	Busbar protection lid for auxiliary module 2.110 (h=1.548 mm)
	Two references must be requested: blind lid + protection lid	

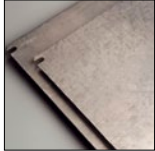
## ■ LOCKS

		<b>Commercial Ref.</b>	
REF. 48463	REF. 48464	<b>48463</b>	Triangular insert closure + triangular key
		<b>48464</b>	Keyless pressure insert lock
REF. 48465	REF. 48460	<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>PO40AS192</b>	<i>Opaque door for detachable cabinet 1.810x730x250</i>
<b>PT40AS192</b>	<i>Transparent door for detachable cabinet 1.810x730x250</i>
<b>PO40AS216</b>	<i>Opaque door for detachable cabinet 2.110x730x250</i>
<b>PT40AS216</b>	<i>Transparent door for detachable cabinet 2.110x730x250</i>

### FOR IP55 COMPACT SURFACE CABINETS



**Commercial Ref.**

<b>PO55AS192</b>	<i>Opaque door for compact cabinet 1.810x730x250</i>
<b>PT55AS192</b>	<i>Transparent door for compact cabinet 1.810x730x250</i>
<b>PO55AS216</b>	<i>Opaque door for compact cabinet 2.110x730x250</i>
<b>PT55AS216</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>