



# ARGENTA PLUS

## IP55 Floor-Standing Combinable Cabinets

The IP55 floor-standing combinable cabinets is intended for the most professional sector, manufactured with high-quality materials, are available in opaque and transparent door reaching a height up to 2200 mm.

The profiles internally used are patented, give the cabinet the stability need to link cabinets together. The possibility of installing any type of electrical devices give this serie the maximum versatility.

### Certifications

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According to Low Tension Directive 2006/95/CE.  
Norms: UNE-EN 62208 and UNE-EN 61439-1  
(in the affected part).  
Certified by UL508A.

### Technical features

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- **Protection degree:**
  - Single door cabinet: IP55 / NEMA 1, 12.
  - Double door cabinet: IP55 / NEMA 1, 12.
- **Resistance to impact:**
  - Case and opaque door: IK10.
  - Transparent doors: IK09.
- **Range of temperature under normal conditions:**
  - 25°C / +40°C.
- **Maximum watertight temperature:** 80°C.
- **Maximum epoxy-polyester paint temperature:** 125°C.

### Electrical properties

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- **Rated operational voltage ( $U_o$ ):** 1000 V AC.
- **Rated insulation voltage ( $U_i$ ):** 1000 V AC.
- **Rated impulse withstand voltage ( $U_{imp}$ ):**
  - 12KV (depending on accessory).
- **Intensity (ie):** 7400 A (depending on accessory).
- **Rated short time withstand ( $I_{cw}$ ):**
  - 105KA (1s) (depending on accessory).
- **Rated peak withstand current ( $I_{pk}$ ):**
  - 231 KA (depending on accessory).



\* Plinth supply as accessory.

## Supply

Supply over pallet, protected with corner shelf and retractable film.

Mounting plate is supplied already assembled in case of ordering. Side panels are supplied also assembled in case of ordering.

- 2 elevation eyebolts fitted.
- Key.
- Mounting instructions.

## Product range

- Opaque and transparent door cabinet without mounting plate.
- Single door till 1000 mm width.
- Double door from 1000 mm width.
- Heights: 1650 - 1800 - 2000 - 2200.
- Widths: 600 - 800 - 1000 - 1200 - 1600.
- Depths: 400 - 500 - 600 - 800.

## Materials

Cold rolled-steel plate EN10130+A1.

## Finishing

- Tighten epoxi polyester paint emboss coating RAL 7035, 80-120  $\mu$ .
- Resistance against corrosion under norm UNEEN62208.
- Clasification C4-M under norms ASIM B-117:97; ISO 9227:0 and ISO 12944-6-98. For higher resistance against corrosion, consult for additional prime.

## Standar painting cycle

- **Degrease:** removing residual oils by means of phosphate immersions.
- **Lighten:** two times, first with tap water and second with demineralized water.
- **Passivization:** mixture of Hcl+nA cl and bath against rust getting in that sense the proper finish ready to be painted.
- **Dry:** with hot air (through 100° C tunnel).
- **Painted:** with tighten epoxi polyester RAL 7035 with thickness 80-120  $\mu$ . Painting process A1.02 under norm UNE-EN ISO 12944-5.
- **Baking chamber:** adhesion by polymerisation 180° baking tunnel during 15-20 minutes.

# Diferent linking possibilities between cabinets getting large scale structures

## Admisible maximum load

Maximum cabinet load: 1100 Kg\*.

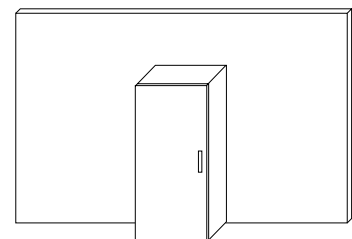
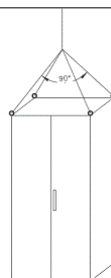
Maximum load to elevate with eyebolts

(4 elevation eyebolt): 1250 kg\*\*.

Maximum load in plate: 600 Kg.

\*For the calculation of this load, it is needed to take into account the weight of the mounting plate.

\*\*The resulting weight includes the cabinet weight. This value is valid for chain or rope angle of 90° or lower.





## Case

- Tubular structure given high strength to the cabinet.
- Inner faces with rectangular and circle holes for fitting accessories. Distance between holes: 25 mm.
- External smooth faces with holes for door and mounting panels fixation.
- Profiles provide welded metallic pieces in order to guarantee the maximum rigidity and resistance against distortion.
- Reversible in all positions.

## Side panels - rear panel

- Manufactured in 1,5 mm thickness steel.
- Watertight which guarantee IP55 protection degree.
- M6 countersink screw for its fixation.
- Side panels: supplied as accessories to ease the cabinet combination.
- Rear panel: Reversible and replaceable by door (door supplied as accessory).

## Upper cover

- Manufactured in 1,5 mm thickness steel.
- Watertight which guarantee IP55 protection degree.
- M12 screws for its fixation.
- Supplied with two elevation eyebolt fitted to cabinet.
- M8 bolt for earthing are included.

## Cable entries

- Cable entry cover with regulable opening, manufactured in galvanised 2 mm thickness steel.
- 100 and 200 covers according to cabinet depth.
- Brush protection degree (as accessory).



## Door

- Opaque or transparent door are available with 120° opening reversible door.
- 2 mm thickness opaque door.
- 4mm template glass for transparent door.
- Four hidden and removable hinges manufactured in reinforced zamak.
- Double door for cabinets from 1.000 mm width.  
Opaque door of 1000 mm: PO500+PO500.  
Opaque door of 1200 mm: PO600+PO600.  
Opaque door of 1600 mm: PO800+PO800.  
Transparent door 1000 mm: PT600+PO400.  
Transparent door 1200 mm: PT800+PO400.
- Watertight to guarantee the IP55 protection degree.
- Reinforce profiles with holes every 25 mm distance to fit accessories.
- Inner door are available for cabinets up to 800 mm width as accessory.

## Lock

- Single door: 4 points locker, double bit insert with retractable handler. Grey RAL 7016.
- Double door: Double lock; internal with 2 points, ¼ turn. External double bit insert with retractable handler. Grey RAL 7016.
- Any other kind of insert supplied as accessories.

## Mounting plate

- Manufactured in galvanised 3 mm thickness steel, reinforced with "C" shapes bends.
- 4 regulable supports are included.
- Plate supplied as accessory.



## IP55 single door without mounting plate

TYPE	DIMENSIONS AxBxC	DOOR		CABLE ENTRY (widthxdepth.)	TRANS. DOOR HOLE SEEN (heightxwidth)	WEIGHT KG		POWER DISSIPATION ACCORDING TO TEMPERATURE INCREASE OF °C PIW)*				
		OPAQUE	TRANS.			OD	TD	20	25	30	35	40
ENL1656050PO/SP	1650X600X500	PO	PT	370x410	1436x430	57,00	55,00	292,3	385,8	484,0	586,2	692,1
ENL1656060PO/SP	1650X600X600	PO	PT	370x510	1436x430	75,00	68,00	325,0	428,9	538,1	651,9	769,6
ENL1658050PO/SP	1650X800X500	PO	PT	570x410	1436x630	82,00	80,00	341,9	451,3	566,2	685,8	809,8
ENL1658060PO/SP	1650X800X600	PO	PT	570x510	1436x630	85,00	82,00	370,0	488,4	612,7	742,2	876,3
ENL16510050PO/SP	1650X1000X500	PO	-	770x410	-	95,00	-	382,2	504,4	632,8	766,5	905,0
ENL16510060PO/SP	1650X1000X600	PO	-	770x510	-	98,00	-	408,1	538,7	675,8	818,6	966,5
ENL1806040PO/SP	1800X600X400	PO	PT	370x310	1586x430	71,25	67,10	278,4	367,5	461,0	558,5	659,4
ENL1806050PO/SP	1800X600X500	PO	PT	370x410	1586x430	73,35	69,20	315,2	416,0	521,9	632,2	746,4
ENL1806060PO/SP	1800X600X600	PO	PT	370x510	1586x430	75,44	71,30	346,8	457,7	574,2	695,6	821,3
ENL1808040PO/SP	1800X800X400	PO	PT	570x310	1586x630	85,69	81,60	331,9	438,1	549,6	665,7	786,0
ENL1808050PO/SP	1800X800X500	PO	PT	570x410	1586x630	88,29	84,20	363,1	479,2	601,2	728,3	859,9
ENL1808060PO/SP	1800X800X600	PO	PT	570x510	1586x630	90,90	86,80	390,5	515,4	646,6	783,2	924,7
ENL18010040PO/SP	1800X1000X400	PO	-	770x310	-	99,48	-	374,7	494,6	620,5	751,7	887,5
ENL18010050PO/SP	1800X1000X500	PO	-	770x410	-	102,37	-	402,8	531,6	666,9	807,9	953,9
ENL18010060PO/SP	1800X1000X600	PO	-	770x510	-	105,26	-	429,5	566,9	711,2	861,5	1017,1
ENL2006040PO/SP	2000X600X400	PO	PT	370x310	1786x430	76,52	72,87	307,0	405,2	508,3	615,8	727,0
ENL2006050PO/SP	2000X600X500	PO	PT	370x410	1786x430	78,61	74,97	342,4	452,0	567,0	686,9	811,0
ENL2006060PO/SP	2000X600X600	PO	PT	370x510	1786x430	80,71	77,07	372,7	491,9	617,2	747,6	882,7
ENL2006080PO/SP	2000X600X800	PO	PT	370x710	1786x430	84,90	81,18	425,4	561,4	704,3	853,2	1007,4
ENL2008040PO/SP	2000X800X400	PO	PT	570x310	1786x630	92,10	87,71	358,5	473,2	593,7	719,1	849,0
ENL2008050PO/SP	2000X800X500	PO	PT	570x410	1786x630	94,71	90,32	388,6	512,9	643,4	779,4	920,2
ENL2008060PO/SP	2000X800X600	PO	PT	570x510	1786x630	97,31	92,92	416,2	549,3	689,2	834,8	985,6
ENL2008080PO/SP	2000X800X800	PO	PT	570x710	1786x630	102,51	98,03	470,6	621,1	779,2	943,9	1114,4
ENL20010040PO/SP	2000X1000X400	PO	-	770x310	-	107,04	-	400,4	528,5	663,1	803,2	948,3
ENL20010050PO/SP	2000X1000X500	PO	-	770x410	-	109,93	-	429,3	566,6	710,8	861,0	1016,6
ENL20010060PO/SP	2000X1000X600	PO	-	770x510	-	112,82	-	458,0	604,5	758,4	918,7	1084,7
ENL20010080PO/SP	2000X1000X800	PO	-	770x710	-	118,60	-	516,3	681,5	854,9	1035,6	1222,7
ENL2208060PO/SP	2200X800X600	PO	PT	570x510	1986x630	114,00	116,00	441,4	582,6	730,9	885,4	1045,3
ENL2208080PO/SP	2200X800X800	PO	PT	570x710	1986x630	120,00	122,00	500,5	660,6	828,8	1003,9	1185,3

## IP55 double door without mounting plate

TYPE	DIMENSIONS AxBxC	DOOR		CABLE ENTRY (widthxdepth.)	TRANS. DOOR HOLE SEEN (heightxwidth)	WEIGHT KG		POWER DISSIPATION ACCORDING TO TEMPERATURE INCREASE OF °C PIW)*				
		OPAQUE	TRANS.			OD	TD	20	25	30	35	40
ENL16510050PO/DC	1650X1000X500	PO	PT	770x410	1436x420	93,00	95,00	382,2	504,4	632,8	766,5	905,0
ENL16510060PO/DC	1650X1000X600	PO	PT	770x510	1436x420	99,00	98,00	408,1	538,7	675,8	818,6	966,5
ENL16512050PO/DC	1650X1200X500	PO	PT	970x410	1436x620	114,00	116,00	417,6	551,2	691,5	837,7	989,0
ENL16512060PO/DC	1650X1200X600	PO	PT	970x510	1436x620	118,00	119,00	444,3	586,4	735,7	891,1	1052,1
ENL18010040PO/DC	1800X1000X400	PO	PT	770x310	1586x420	99,00	88,50	374,7	494,6	620,5	751,7	887,5
ENL18010050PO/DC	1800X1000X500	PO	PT	770x410	1586x420	100,00	100,40	402,8	531,6	666,9	807,9	953,9
ENL18010060PO/DC	1800X1000X600	PO	PT	770x510	1586x420	107,00	103,30	429,5	566,9	711,2	861,5	1017,1
ENL18012040PO/DC	1800X1200X400	PO	PT	970x310	1586x620	121,50	118,70	411,6	543,3	681,5	825,6	974,7
ENL18012050PO/DC	1800X1200X500	PO	PT	970x410	1586x620	123,50	122,10	439,8	580,5	728,2	882,2	1041,5
ENL18012060PO/DC	1800X1200X600	PO	PT	970x510	1586x620	127,50	125,50	468,2	618,0	775,3	939,2	1108,9
ENL18016040PO/DC	1800X1600X400	PO	-	1370x310	-	127,00	-	482,7	637,1	799,3	968,2	1143,2
ENL18016050PO/DC	1800X1600X500	PO	-	1370x410	-	130,00	-	514,7	679,3	852,3	1032,4	1218,9
ENL20010040PO/DC	2000X1000X400	PO	PT	770x310	1786x420	105,00	105,00	400,4	528,5	663,1	803,2	948,3
ENL20010050PO/DC	2000X1000X500	PO	PT	770x410	1786x420	111,00	107,90	429,3	566,6	710,8	861,0	1016,6
ENL20010060PO/DC	2000X1000X600	PO	PT	770x510	1786x420	112,00	110,80	458,0	604,5	758,4	918,7	1084,7
ENL20010080PO/DC	2000X1000X800	PO	PT	770x710	1786x420	117,00	116,50	516,3	681,5	854,9	1035,6	1222,7
ENL20012040PO/DC	2000X1200X400	PO	PT	970x310	1786x620	128,00	127,60	439,1	579,6	727,1	880,8	1039,9
ENL20012050PO/DC	2000X1200X500	PO	PT	970x410	1786x620	132,74	131,00	469,6	619,9	777,6	942,0	1112,2
ENL20012060PO/DC	2000X1200X600	PO	PT	970x510	1786x620	134,00	136,00	500,5	660,6	828,8	1003,9	1185,3
ENL20012080PO/DC	2000X1200X800	PO	PT	970x710	1786x620	142,00	140,00	560,5	739,9	928,2	1124,3	1327,5
ENL20016040PO/DC	2000X1600X400	PO	-	1370x310	-	120,00	-	517,2	682,7	856,5	1037,5	1224,9
ENL20016050PO/DC	2000X1600X500	PO	-	1370x410	-	143,00	-	550,4	726,4	911,3	1103,9	1303,4

\* Calculation obtained according to Norm CEI890 + mistake corrections 1998; Method to determine by extrapolation of low tension derived from serie (CDS). Included with elevation eyebolt and cable entry covers. Supplied without mounting plate neither side panels.

### Complete flat mounting plates

REF.	DIM. [AxB]	CABINETS [AxB]	THICKNESS STEEL	WEIGHT KG
PL16560	1522x495	1650X600	3	22,43
PL16580	1522x695	1650X800	3	29,99
PL165100	1522x895	1650X1000	3	37,56
PL165120	1522x1095	1650X1200	3	45,13
PL18040	1672x295	1800X400	3	13,82
PL18050	1672x395	1800X500	3	18,50
PL18060	1672x495	1800X600	3	24,49
PL18080	1672x695	1800X800	3	32,75
PL180100	1672x895	1800X1000	3	41,00
PL180120	1672x1095	1800X1200	3	49,26

### Side panels

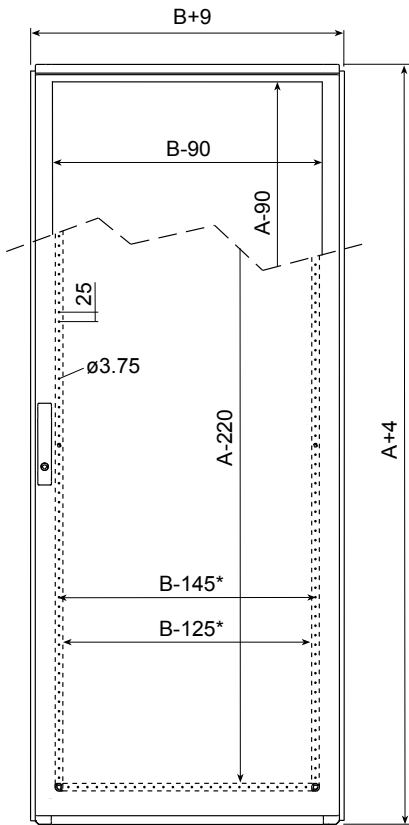
REF.	DIM. [AxB]	CABINETS [AxB]	THICKNESS STEEL	WEIGHT KG
PL180160	1672x1390	1800x1600	3	66,00
PL20040	1872x295	2000X400	3	15,47
PL20050	1872x395	2000X500	3	20,71
PL20060	1872x495	2000X600	3	27,24
PL20080	1872x695	2000X800	3	36,42
PL200100	1872x895	2000X1000	3	45,59
PL200120	1872x1095	2000X1200	3	54,76
PL200160	1872x1390	2000x1600	3	74,00
PL22080	2072x695	2200X800	3	40,00

REF.	DIM. [AxB]	THICKNESS STEEL	WEIGHT KG
PLA16550	1650x500	1,5	11,00
PLA16560	1650x600	1,5	14,00
PLA18040	1800x400	1,5	16,57
PLA18050	1800x500	1,5	20,89
PLA18060	1800x600	1,5	25,21
PLA20040	2000x400	1,5	18,49
PLA20050	2000x500	1,5	23,29
PLA20060	2000x600	1,5	28,09
PLA20080	2000x800	1,5	37,69
PLA22060	2200x600	1,5	31,00
PLA22080	2200x800	1,5	41,00

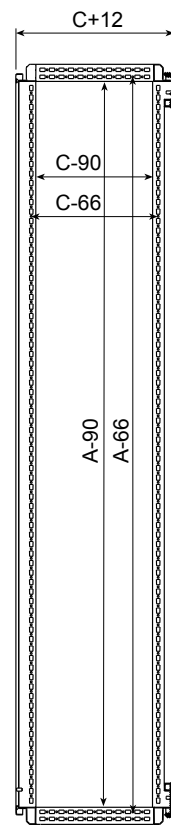
### Dimensions

#### SINGLE DOOR COMBINABLE ARGENTA PLUS

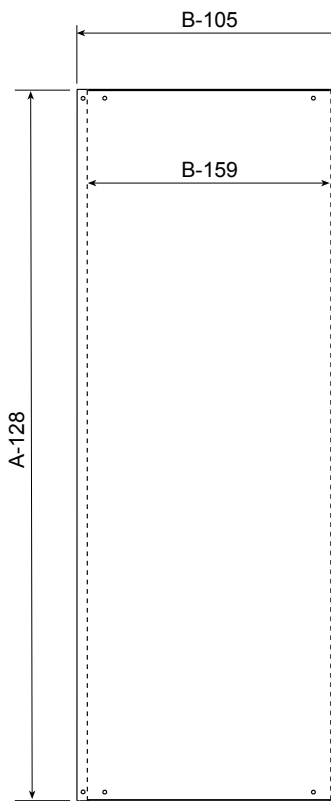
Front



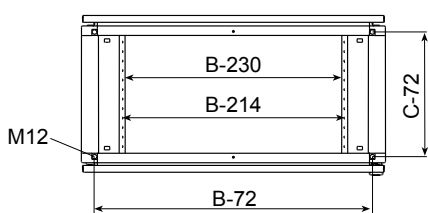
Lateral section



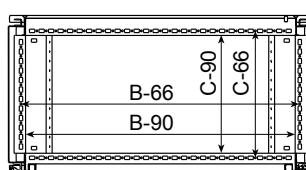
Mounting plate



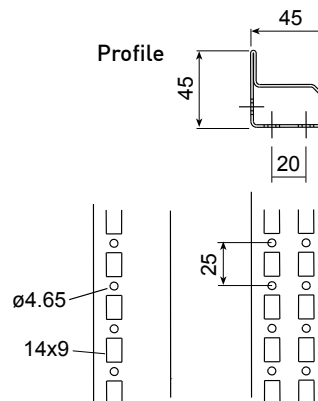
Plant



Plant section



Profile



\* For B= 600 chang by B-170  
B-150



OPAQUE DOOR COMBINABLE ARGENTA PLUS



TRANSPARENT DOOR COMBINABLE ARGENTA PLUS



DOUBLE OPAQUE DOOR COMBINABLE ARGENTA PLUS

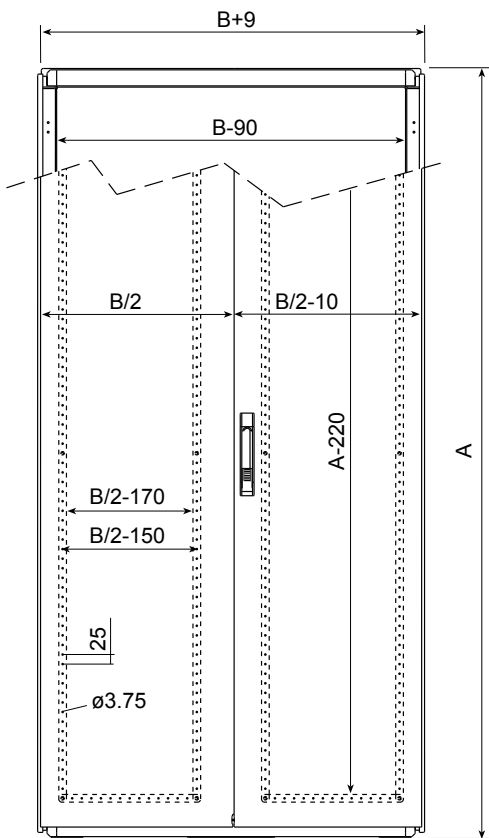


DOUBLE TRANSPARENT DOOR COMBINABLE ARGENTA PLUS

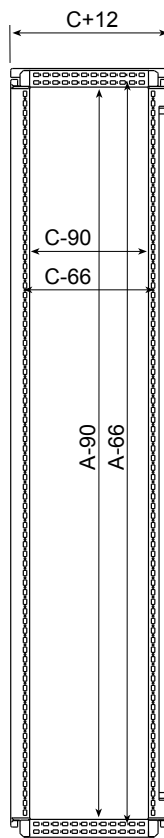
## Dimensions

### DOUBLE DOOR COMBINABLE ARGENTAPLUS

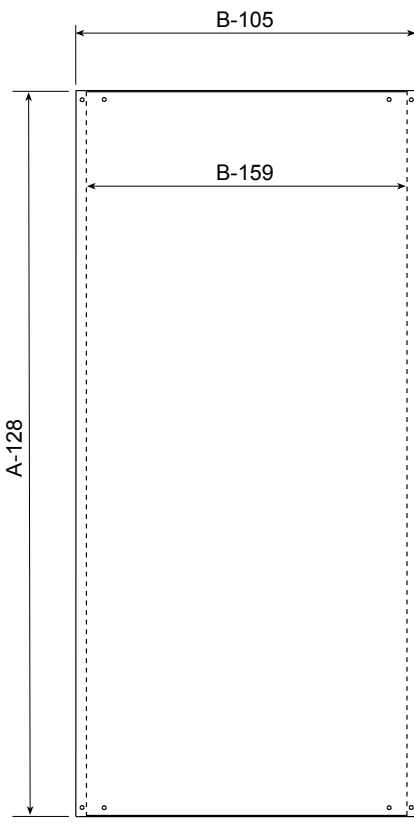
Front



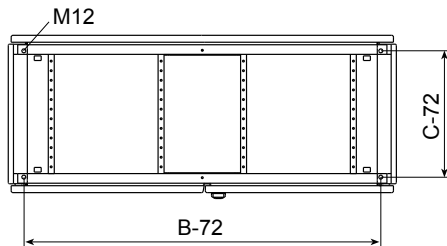
Lateral section



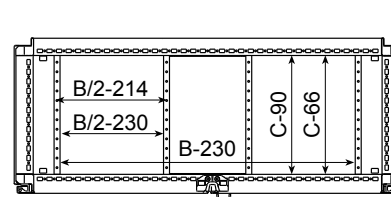
Mounting plate



Plant



Plant section



Profile

