



ARGENTA PLUS

IP55-IP65 Floor-Standing Semi-Compact Cabinets

The IP55-IP65 floor-standing semi-compact 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 2000 mm. With the possibility of installing any kind of electrical devices, this series is designed to favour the maximum versatility. Destined for industrial and external applications where a high protection degree is required.

Certifications



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

- **Protection degree:**
Single door cabinet: IP65 / NEMA 1, 12, 4
(active IP65 protection degree it is necessary to ask for isolation kit reference 48690).
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

- **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.

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.
- Widths: 600 - 800 - 1000 - 1200 - 1600.
- Depths: 400 - 500.

Materials

Cold rolled-steel plate EN10130+A1.

Finishing

- Tighten epoxi polyester paint emboss coating RAL 7035, 80-120 μ .
- 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:** twice, 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 μ . Painting process A1.02 under norm UNE-EN ISO 12944-5.
- **Baking chamber:** adhesion by polymerisation 180° baking tunnel during 15-20 minutes.

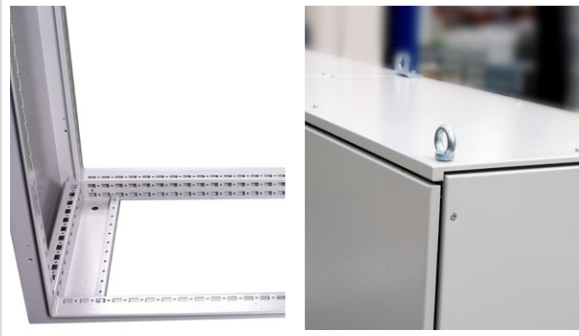
Destined for industrial and external applications where a high protection degree is required

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 orderring.

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



Case

Sole and symmetric case formed by:

- Closed sides manufactured in 1,5 thickness steel.
- Tubular structure given high strength to the cabinet.
- Metallic internally welded pieces to the cabinet structure which give maximum rigidity and resistance against distortion
- Recoat with square holes of 14x9 for cage nuts and circles with diameter of 4,65 for steel screws. Distance in between of 25 mm.

Rear panel

- Manufactured in 1,5 mm thickness steel.
- Watertight which guarantee IP55/IP65 protection degree.
- M6 countersink screw for its fixation.
- Reversible and replaceable by door (door supplied as accessory).

Upper cover

- Manufactured in 1,5 mm thickness steel.
- Watertight which guarantee IP55 - IP65 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).

Isolation kit

- To achieve IP65 protection degree it is necessary to ask for isolation kit reference 48690).



Door

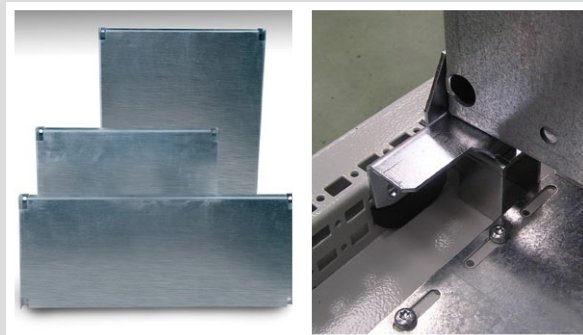
- Opaque or transparent door are available with 120° opening reversible door.
- 2 mm thickness opaque door.
- 4mm template glass for transparent door.
- Four hidden and removable hinges manufactured in reinforced zamak.
- Double door for cabinets from 1.000 mm width.
Opaque door of 1000 mm: PO500+PO500.
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.



IP65* single door without mounting plate

TYPE	DIMENSIONS	DOOR		CABLE ENTRY	TRANS. DOOR HOLE SEEN	WEIGHT KG		POWER DISSIPATION ACCORDING TO TEMPERATURE INCREASE OF °C P(W)**				
								20	25	30	35	40
	AxBxC	OPAQUE TRANS.		(widthxdepth)	(heightxwidth)	OD	TD					
FSC1656040PO/SP	1650X600X400	PO	PT	370x310	1436x430	75,00	71,00	255,2	336,8	422,5	511,8	604,3
FSC1658040PO/SP	1650X800X400	PO	PT	570x310	1436x630	89,66	85,70	309,4	408,4	512,3	620,6	732,8
FSC1658050PO/SP	1650X800X500	PO	-	570x410	-	124,00	-	341,9	451,3	566,2	685,8	809,8
FSC16510040PO/SP	1650X1000X400	PO	-	770x310	-	102,58	-	353,7	466,9	585,7	709,5	837,7
FSC16510050PO/SP	1650X1000X500	PO	-	770x410	-	144,00	-	382,2	504,4	632,8	766,5	905,0
FSC1806040PO/SP	1800X600X400	PO	PT	370x310	1586x430	80,00	75,80	278,4	367,5	461,0	558,5	659,4
FSC1808040PO/SP	1800X800X400	PO	PT	570x310	1586x630	95,37	91,40	331,9	438,1	549,6	665,7	786,0
FSC1808050PO/SP	1800X800X500	PO	PT	570x410	1586x630	97,00	95,00	363,1	479,2	601,2	728,3	859,9
FSC18010040PO/SP	1800X1000X400	PO	-	770x310	-	109,16	-	374,7	494,6	620,5	751,7	887,5
FSC18010050PO/SP	1800X1000X500	PO	-	770x410	-	111,97	-	402,8	531,6	666,9	807,9	953,9
FSC2006040PO/SP	2000X600X400	PO	PT	370x310	1786x430	87,00	83,00	307,0	405,2	508,3	615,8	727,0
FSC2008040PO/SP	2000X800X400	PO	PT	570x310	1786x630	102,99	99,00	358,5	473,2	593,7	719,1	849,0
FSC2008050PO/SP	2000X800X500	PO	PT	570x410	1786x630	104,75	103,00	388,6	512,9	643,4	779,4	920,2
FSC20010040PO/SP	2000X1000X400	PO	-	770x310	-	117,92	-	400,4	528,5	663,1	803,2	948,3
FSC20010050PO/SP	2000X1000X500	PO	-	770x410	-	121,36	-	429,3	566,6	710,8	861,0	1016,6

IP55 double door without mounting plate

TYPE	DIMENSIONS	DOOR		CABLE ENTRY	TRANS. DOOR HOLE SEEN	WEIGHT KG		POWER DISSIPATION ACCORDING TO TEMPERATURE INCREASE OF °C P(W)**				
								20	25	30	35	40
	AxBxC	OPAQUE TRANS.		(widthxdepth)	(heightxwidth)	OD	TD					
FSC16510040PO/DC	1650X1000X400	PO	PT	770x310	1436x430	140,00	138,00	353,7	466,9	585,7	709,5	837,7
FSC16510050PO/DC	1650X1000X500	PO	-	770x410	-	147,00	-	382,2	504,4	632,8	766,5	905,0
FSC16512040PO/DC	1650X1200X400	PO	PT	970x310	1436x630	167,88	166,00	390,5	515,4	646,6	783,2	924,7
FSC18010040PO/DC	1800X1000X400	PO	PT	770x310	1586x430	102,00	105,00	374,7	494,6	620,5	751,7	887,5
FSC18010050PO/DC	1800X1000X500	PO	PT	770x410	1586x430	114,00	119,00	402,8	531,6	666,9	807,9	953,9
FSC18012040PO/DC	1800X1200X400	PO	PT	970x310	1586x630	120,71	118,70	411,6	543,3	681,5	825,6	974,7
FSC18012050PO/DC	1800X1200X500	PO	PT	970x410	1586x630	124,11	122,00	439,8	580,5	728,2	882,2	1041,5
FSC18016040PO/DC	1800X1600X400	PO	-	1370x310	-	173,00	-	482,7	637,1	799,3	968,2	1143,2
FSC18016050PO/DC	1800X1600X500	PO	-	1370x410	-	178,00	-	514,7	679,3	852,3	1032,4	1218,9
FSC20010040PO/DC	2000X1000X400	PO	PT	770x310	1786x430	120,00	113,90	400,4	528,5	663,1	803,2	948,3
FSC20010050PO/DC	2000X1000X500	PO	PT	770x410	1786x430	123,00	132,00	429,3	566,6	710,8	861,0	1016,6
FSC20012040PO/DC	2000X1200X400	PO	PT	970x310	1786x630	140,55	141,00	439,1	579,6	727,1	880,8	1039,9
FSC20012050PO/DC	2000X1200X500	PO	PT	970x410	1786x630	143,00	150,00	469,6	619,9	777,6	942,0	1112,2
FSC20016040PO/DC	2000X1600X400	PO	-	1370x310	-	183,00	-	517,2	682,7	856,5	1037,5	1224,9
FSC20016050PO/DC	2000X1600X500	PO	-	1370x410	-	188,00	-	550,4	726,4	911,3	1103,9	1303,4

Included with elevation eyebolt and cable entry covers. Supplied without mounting plate neither side panels.

* to achieve IP65 protection degree it is necessary to ask for isolation kit reference 48690.

** Calculation obtained according to Norm CEI890 + mistake corrections 1998; Method to determine by extrapolation of low tension derived from serie (CDS).

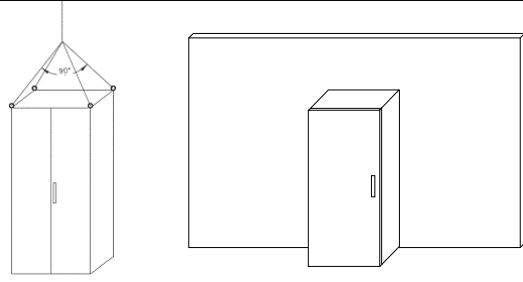
Complete flat mounting plates

REFERENCE	DIMENSIONS (AxB)	FOR CABINETS (AxB)	STEEL THICKNESS	WEIGHT KG	REFERENCE	DIMENSIONS (AxB)	FOR CABINETS (AxB)	STEEL THICKNESS	WEIGHT KG
PL16560	1522x495	1650X600	3	22,43	PL180160	1672x1390	1800x1600	3	66,00
PL16580	1522x695	1650X800	3	29,99	PL20040	1872x295	2000X400	3	15,47
PL165100	1522x895	1650X1000	3	37,56	PL20050	1872x395	2000X500	3	20,71
PL165120	1522x1095	1650X1200	3	45,13	PL20060	1872x495	2000X600	3	27,24
PL18040	1672x295	1800X400	3	13,82	PL20080	1872x695	2000X800	3	36,42
PL18050	1672x395	1800X500	3	18,50	PL200100	1872x895	2000X1000	3	45,59
PL18060	1672x495	1800X600	3	24,49	PL200120	1872x1095	2000X1200	3	54,76
PL18080	1672x695	1800X800	3	32,75	PL200160	1872x1390	2000x1600	3	74,00
PL180100	1672x895	1800X1000	3	41,00	PL22080	2072x695	2200X800	3	40,00
PL180120	1672x1095	1800X1200	3	49,26					

Admissible maximum load

Maximum cabinet load: 1100 Kg*.
 Maximum load to elevate with eyebolts (4 elevation eyebolt): 1250 kg**.
 Maximum load in plate: 600 Kg.

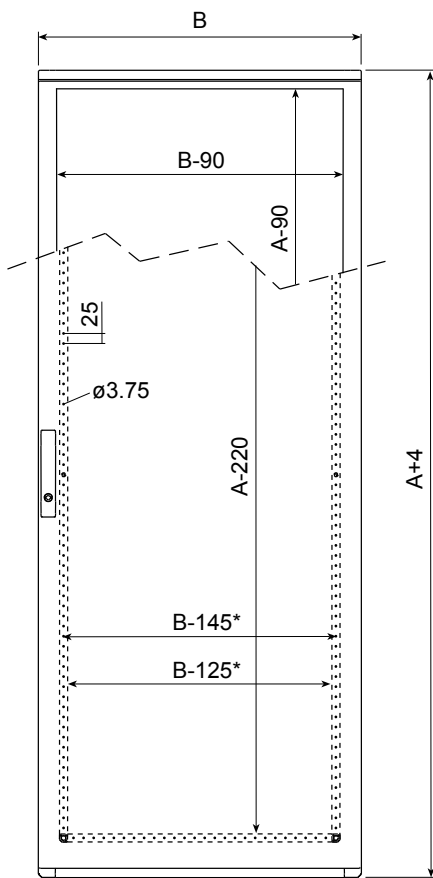
*For the calculation of this load, it is needed to take into account the weight of the mounting plate.
 **The resulting weight includes the cabinet weight. This value is valid for chain or rope angle of 90° or lower



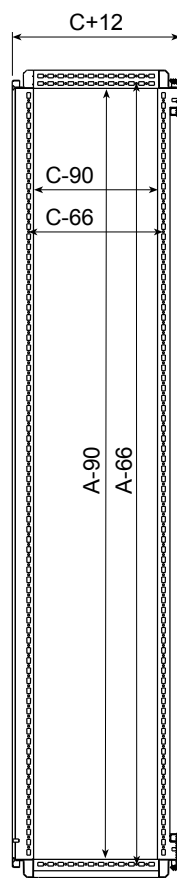
Dimensions

COMPACT SINGLE DOOR ARGENTA PLUS

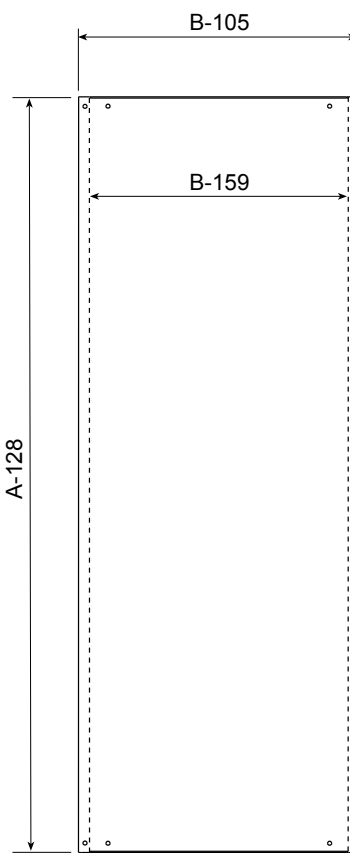
Front



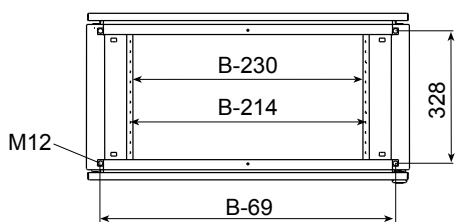
Lateral section



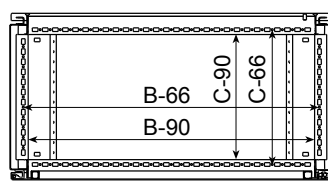
Mounting plate



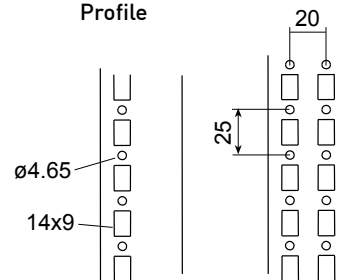
Plant



Plant section



Profile



* For B= 600 change byr B-170
 B-150



OPAQUE DOOR
COMPACT ARGENTA PLUS



TRANSPARENT DOOR
COMPACT ARGENTA PLUS



DOUBLE OPAQUE DOOR
COMPACT ARGENTA PLUS

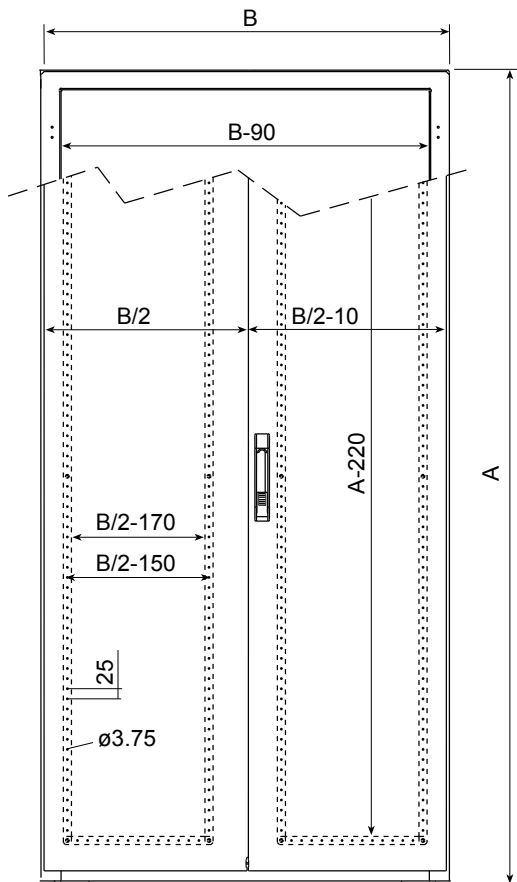


DOUBLE TRANSPARENT DOOR
COMPACT ARGENTA PLUS

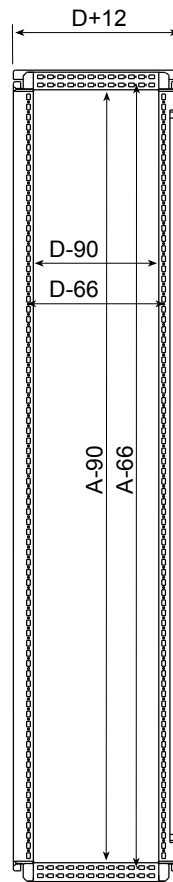
Dimensions

DOUBLE DOOR COMPACT ARGENTA PLUS

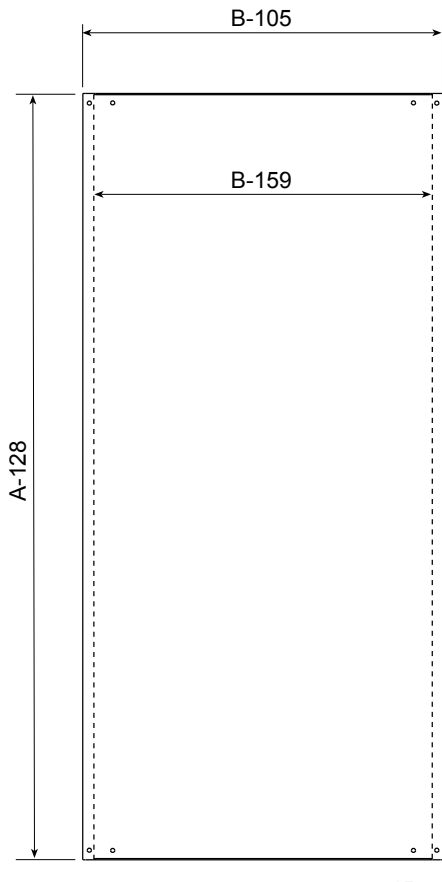
Front



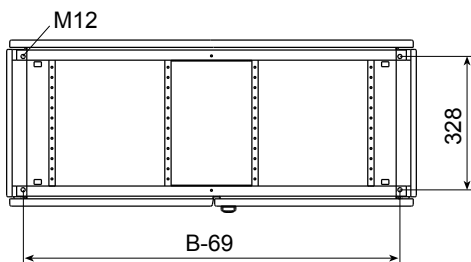
Lateral section



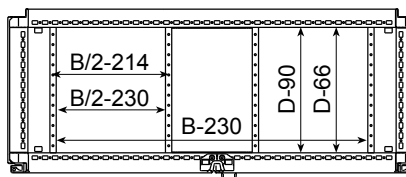
Mounting plate



Plant



Plant section



Profile

