ARGENTA

IP66-IP55 Steel wall-mounting cabinets



The ARGENTA Series is a group of steel enclosures used to house electrical or electronic switchgear, control gear and equipment necessary to supply, distribute and transform electricity in industrial installations.

This series comprises an extensive range of standard models made with premium-quality materials in cold-rolled steel or stainless steel. Both of these materials are available in ATEX version and which are intended for installation in potentially explosive atmospheres.

The design and manufacture of this product line is flexible and can be customized for settings that require specific dimensions depending on user requirements and installations.

The full range is accompanied by a set of complementary accessories: mounting plates, inner doors, canopies, eyebolts, ventilation systems, chassis, etc.

IP 66 | IP 55 | cULus LISTED | DVE | BUREAU VERITAS | CE

ARGENTA (Rolled steel)

ARGENTA (Galvanised steel)

ARGENTA INOX (Stainless steel)

ARGENTA ATEX (Rolled and stainless steel)

ARGENTA

ARGENTA (Rolled steel)



ARGENTA (Galvanised steel)



Technical characteristics

Degree of protection:

Single-door cabinets: IP66 / NEMA 1, 12, 4.
Double-door cabinets: IP55 / NEMA 1, 12.

Resistance to impact:

Opaque door: ⩽40x30: IK08. Transparent door: ⩽40x30: IK08.
>40x30: IK10. >40x30: IK09.

Ambient temperature range: -25 ºC / +60 ºC.

Maximum operating voltage: 1000 V AC / 1500 V DC.

Technical characteristics

Degree of protection:

Single-door cabinets: IP66 / NEMA 1, 12, 4.
Double-door cabinets: IP55 / NEMA 1, 12.

Resistance to impact:

Opaque door: ⩽40x30: IK08.
>40x30: IK10.

Ambient temperature range: -25 ºC / +60 ºC.

Maximum operating voltage: 1000 V AC / 1500 V DC.

Compliance and certifications

Directive
Low Voltage Directive 2014/35/EU.

Standards
EN IEC 62208 - Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements.
EN IEC 61439-1 - Low-voltage switchgear and controlgear assemblies - Part 1: General rules (as applicable).

Certifications
UL 508A - Industrial Control Panels.
CSA C22.2 No 286 - Industrial Control Equipment.
VDE - Available for single-door cabinets.
Bureau Veritas - Marine certification.

Compliance and certifications

Directive
Low Voltage Directive 2014/35/EU.

Standards
EN IEC 62208 - Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements.
EN IEC 61439-1 - Low-voltage switchgear and controlgear assemblies - Part 1: General rules (as applicable).

Certifications
UL 508A - Industrial Control Panels.
CSA C22.2 No 286 - Industrial Control Equipment.
VDE - Available for single-door cabinets.

ARGENTA INOX (Stainless steel)



ARGENTA ATEX (Rolled and stainless steel)



Technical characteristics

Degree of protection:

Single-door cabinets: IP66 / NEMA 1, 12, 4, 4x.
Double-door cabinets: IP55 / NEMA 1, 12.

Resistance to impact:

Opaque door: ≤40x30: IK08.
>40x30: IK10.

Ambient temperature range: -25 ºC / +60 ºC.

Maximum operating voltage: 1000 V AC / 1500 V DC.

Technical characteristics

Degree of protection:

Rolled steel cabinets: IP66.
Stainless steel cabinets: IP66.

Resistance to impact:

Opaque door: ≤40x30: IK08.
>40x30: IK10.

Ambient temperature range:

Rolled steel cabinets with polyurethane sealing gasket:
-25 ºC / +60 ºC.
Stainless steel cabinets with silicone rubber gasket:
-55 ºC / +100 ºC.

Maximum operating voltage: 1000 V AC / 1500 V DC.

Compliance and certifications

Directive
Low Voltage Directive 2014/35/EU.

Standards
EN IEC 62208 - Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements.
EN IEC 61439-1 - Low-voltage switchgear and controlgear assemblies - Part 1: General rules (as applicable).

Certifications
UL 508A - Industrial Control Panels.
CSA C22.2 No 286 - Industrial Control Equipment.
VDE - Available for single-door cabinets.

Compliance and certifications

ATEX marking
II 2G - Ex eb IIC Gb.
II 2D - Ex tb IIIC Db.

Directive
ATEX Directive 2014/34/EU.

Standards
EN IEC 60079-0 - Part 0: Equipment - General requirements.
EN IEC 60079-7 - Part 7: Protection by increased safety "e".
EN IEC 60079-31 - Part 31: Dust ignition protection by enclosure "t".

Certifications
LOM - Cabinets with polyurethane sealing gasket, for an ambient temperature range of -25 ºC to +60 ºC.
DEKRA - Cabinets with silicone rubber gasket, for an ambient temperature range of -55 ºC to +100 ºC.

ARGENTA

IP66-IP55 Steel wall-mounting cabinets



GALVANISED AND ROLLED STEEL

High resistance in demanding production environments.

IP66-IP55 PROTECTION

Maximum protection against dust and powerful water splashes.

INDUSTRIAL APPLICATION FOR AUTOMATION AND CONTROL

Designed for electrical panels in automation, control and robotics industries.

PRODUCT SERIES

Standard

- Opaque door cabinets with mounting plate.
- Transparent single-door cabinets with mounting plate, available for rolled-steel cabinets only (replace GN with GNT in the reference).
- Opaque-door cabinets without mounting plate, available for rolled-steel cabinets only (add /SP to the standard reference)

To order

- Special cabinets: dimensions, cut-outs, colours, etc.

RECOMMENDED APPLICATIONS

Industrial application for automation and control

Wall-mounting enclosures for electrical panels in automation, control and robotics industries, protecting equipment against dust, water splashes and impacts in demanding production environments.

SUPPLY

Supplied in individual packaging containing cabinet, plate and accessory bag.

Mounting plate:

- For cabinets with a height ⩽700 mm and width <800 mm are supplied unassembled in the packaging.
- For cabinets with a height ⩽700 mm and width ⩾800 mm are supplied assembled.
- For cabinets with a height >700 mm are supplied assembled.

Accessory bag:

- 4 watertight plugs (if the wall-mounting cut-out holes are not used).
- Nut and washer kit for securing the earth wire.
- Plate height adjusters, nuts, washers and drainage plug.
- 5 mm double-bit key.
- Cable entry lid and fixing screws.

MATERIAL

- Cold-rolled steel.
- Galvanised steel.
- Injected polyurethane sealing gasket.

FINISH

- Primed and painted embossed polyester.
- With UV protection.
- Colour grey RAL 7035.



ENCLOSURE

- Manufactured in cold-rolled steel or galvanised steel.
- Totally reversible cabinet.
- Sheet thickness:
  1.2 mm for cabinets from 250x200 to 600x500 mm.
  1.5 mm for cabinets from 600x600 to 1400x800 mm.
- Wall-mounting by means of four Ø9 mm cut-out holes.
- Wall-mounting support leaving a gap of 11 mm (supplied as an accessory).
- Four M8x25 bolts at the back of the cabinet for securing the mounting plate.
- M6x10 earth bolt located on the cabinet sides for joining enclosure and door by means of earth wire.
- 2-mm thick cable entry lid with sealing gasket to guarantee IP protection.
- Double fold to prevent water from entering the cabinet.









DOOR

- Possibility of opaque or transparent door with 110°opening.
- Door reversible with concealed hinges.
- Possibility of double door from 1000-mm width.
- Removable door with quick assembly and disassembly pins.
- Transparent glass door:
  4-mm thick tempered glass in cabinets from 300x400 to 1400x1200 mm.
  3-mm thick Polycarbonate in cabinets from 250x200 to 300x300 mm.
- Injected polyurethane sealing gasket to guarantee IP protection.
- Welded reinforcement profiles for opaque door, with cut-out holes with a separation of 25 mm for fitting accessories.
- Door centring device included in cabinets with a width ≥600 mm.



LOCKING

- Standard 5-mm double-bit lock plus key.
- Three-point rod lock for cabinets with a height ≥1000 mm and double-door cabinets.
- Other types of locks supplied as accessories.





MOUNTING PLATE

- Mounting plate included in all cabinet references.
- Made from 2 mm thick galvanised sheet steel.
- Mounting plate with reinforcing folds of the sides, depending on the size of the cabinet.

ARGENTA

IP66-IP55 Steel wall-mounting cabinets



Degree of protection:
Single-door cabinets: IP66 / NEMA 1, 12, 4.
Double-door cabinets: IP55 / NEMA 1, 12.
Material: Cold-rolled steel.
Colour: Grey RAL 7035.

IP66-IP55 wall-mounting cabinets. Rolled steel. Opaque door. With plate

Reference No.	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
GN252015	250	200	150	220	150	Single	1	IP66	**1 unit**
GN252515	250	250	150	220	200	Single	1	IP66	**1 unit**
GN302015	300	200	150	270	150	Single	1	IP66	**1 unit**
GN302515	300	250	150	270	200	Single	1	IP66	**1 unit**
GN302520	300	250	200	270	200	Single	1	IP66	**1 unit**
GN303015	300	300	150	270	250	Single	1	IP66	**1 unit**
GN303020	300	300	200	270	250	Single	1	IP66	**1 unit**
GN304015	300	400	150	270	350	Single	1	IP66	**1 unit**
GN304020	300	400	200	270	350	Single	1	IP66	**1 unit**
GN403015	400	300	150	370	250	Single	1	IP66	**1 unit**
GN403020	400	300	200	370	250	Single	1	IP66	**1 unit**
GN404015	400	400	150	370	350	Single	1	IP66	**1 unit**
GN404020	400	400	200	370	350	Single	1	IP66	**1 unit**
GN404025	400	400	250	370	350	Single	1	IP66	**1 unit**
GN406020	400	600	200	370	550	Single	1	IP66	**1 unit**
GN406025	400	600	250	370	550	Single	1	IP66	**1 unit**
GN406030	400	600	300	370	550	Single	1	IP66	**1 unit**
GN503015	500	300	150	470	250	Single	2	IP66	**1 unit**
GN503020	500	300	200	470	250	Single	2	IP66	**1 unit**
GN503025	500	300	250	470	250	Single	2	IP66	**1 unit**
GN504015	500	400	150	470	350	Single	2	IP66	**1 unit**
GN504020	500	400	200	470	350	Single	2	IP66	**1 unit**
GN504025	500	400	250	470	350	Single	2	IP66	**1 unit**
GN504030	500	400	300	470	350	Single	2	IP66	**1 unit**
GN505015	500	500	150	470	450	Single	2	IP66	**1 unit**
GN505020	500	500	200	470	450	Single	2	IP66	**1 unit**
GN505025	500	500	250	470	450	Single	2	IP66	**1 unit**
GN505030	500	500	300	470	450	Single	2	IP66	**1 unit**
GN507020	500	700	200	470	650	Single	2	IP66	**1 unit**
GN508025	500	800	250	470	750	Single	2	IP66	**1 unit**
GN508030	500	800	300	470	750	Single	2	IP66	**1 unit**
GN5010025/PD	500	1000	250	470	950	Double	3P	IP55	**1 unit**
GN5010030/PD	500	1000	300	470	950	Double	3P	IP55	**1 unit**

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IP66-IP55 wall-mounting cabinets. Rolled steel. Opaque door. With plate

Reference No.	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
GN604015	600	400	150	570	350	Single	2	IP66	**1 unit**
GN604020	600	400	200	570	350	Single	2	IP66	**1 unit**
GN604025	600	400	250	570	350	Single	2	IP66	**1 unit**
GN604030	600	400	300	570	350	Single	2	IP66	**1 unit**
GN605015	600	500	150	570	450	Single	2	IP66	**1 unit**
GN605020	600	500	200	570	450	Single	2	IP66	**1 unit**
GN605025	600	500	250	570	450	Single	2	IP66	**1 unit**
GN605030	600	500	300	570	450	Single	2	IP66	**1 unit**
GN606020	600	600	200	570	550	Single	2	IP66	**1 unit**
GN606025	600	600	250	570	550	Single	2	IP66	**1 unit**
GN606030	600	600	300	570	550	Single	2	IP66	**1 unit**
GN606040	600	600	400	570	550	Single	2	IP66	**1 unit**
GN608025	600	800	250	570	750	Single	2	IP66	**1 unit**
GN608030	600	800	300	570	750	Single	2	IP66	**1 unit**
GN6012025/PD	600	1200	250	570	1150	Double	3P	IP55	**1 unit**
GN6012030/PD	600	1200	300	570	1150	Double	3P	IP55	**1 unit**
GN705015	700	500	150	670	450	Single	2	IP66	**1 unit**
GN705020	700	500	200	670	450	Single	2	IP66	**1 unit**
GN705025	700	500	250	670	450	Single	2	IP66	**1 unit**
GN705030	700	500	300	670	450	Single	2	IP66	**1 unit**
GN804020	800	400	200	770	350	Single	2	IP66	**1 unit**
GN804025	800	400	250	770	350	Single	2	IP66	**1 unit**
GN804030	800	400	300	770	350	Single	2	IP66	**1 unit**
GN806020	800	600	200	770	550	Single	2	IP66	**1 unit**
GN806025	800	600	250	770	550	Single	2	IP66	**1 unit**
GN806030	800	600	300	770	550	Single	2	IP66	**1 unit**
GN806040	800	600	400	770	550	Single	2	IP66	**1 unit**
GN808020	800	800	200	770	750	Single	2	IP66	**1 unit**
GN808025	800	800	250	770	750	Single	2	IP66	**1 unit**
GN808030	800	800	300	770	750	Single	2	IP66	**1 unit**
GN808040	800	800	400	770	750	Single	2	IP66	**1 unit**
GN8010020/PD	800	1000	200	770	950	Double	3P	IP55	**1 unit**
GN8010030/PD	800	1000	300	770	950	Double	3P	IP55	**1 unit**
GN8010040/PD	800	1000	400	770	950	Double	3P	IP55	**1 unit**
GN8012030/PD	800	1200	300	770	1150	Double	3P	IP55	**1 unit**
GN8012040/PD	800	1200	400	770	1150	Double	3P	IP55	**1 unit**
GN1006025	1000	600	250	970	550	Single	3P	IP66	**1 unit**
GN1006030	1000	600	300	970	550	Single	3P	IP66	**1 unit**
GN1006040	1000	600	400	970	550	Single	3P	IP66	**1 unit**
GN1008025	1000	800	250	970	750	Single	3P	IP66	**1 unit**
GN1008030	1000	800	300	970	750	Single	3P	IP66	**1 unit**
GN1008040	1000	800	400	970	750	Single	3P	IP66	**1 unit**
GN10010030/PD	1000	1000	300	970	950	Double	3P	IP55	**1 unit**
GN10010040/PD	1000	1000	400	970	950	Double	3P	IP55	**1 unit**
GN10012030/PD	1000	1200	300	970	1150	Double	3P	IP55	**1 unit**
GN10012040/PD	1000	1200	400	970	1150	Double	3P	IP55	**1 unit**
GN1206025	1200	600	250	1170	550	Single	3P	IP66	**1 unit**
GN1206030	1200	600	300	1170	550	Single	3P	IP66	**1 unit**
GN1206040	1200	600	400	1170	550	Single	3P	IP66	**1 unit**
GN1208030	1200	800	300	1170	750	Single	3P	IP66	**1 unit**
GN1208040	1200	800	400	1170	750	Single	3P	IP66	**1 unit**

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IP66-IP55 wall-mounting cabinets. Rolled steel. Opaque door. With plate

Reference No.	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
GN12010030/PD	1200	1000	300	1170	950	Double	3P	IP55	**1 unit**
GN12010040/PD	1200	1000	400	1170	950	Double	3P	IP55	**1 unit**
GN12012025/PD	1200	1200	250	1170	1150	Double	3P	IP55	**1 unit**
GN12012030/PD	1200	1200	300	1170	1150	Double	3P	IP55	**1 unit**
GN12012040/PD	1200	1200	400	1170	1150	Double	3P	IP55	**1 unit**
GN1406030	1400	600	300	1370	550	Single	3P	IP66	**1 unit**
GN1408030	1400	800	300	1370	750	Single	3P	IP66	**1 unit**

For references without plate add /SP; e.g. GN403015/SP.

For references with transparent door, replace GN with GNT; e.g. GNT403015.

For cabinets without plate and with transparent door check availability of UL certificate.

VDE certificate for single-door cabinets.

3P: One 3-point lock.



Degree of protection:
Single-door cabinets: IP66 / NEMA 1, 12, 4.
Double-door cabinets: IP55 / NEMA 1, 12.
Material: Galvanised steel.
Colour: Grey RAL 7035.

IP66-IP55 wall-mounting cabinets. Galvanised steel. Opaque door. With plate

Reference No.	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
GNG252015	250	200	150	220	150	Single	1	IP66	**1 unit**
GNG302015	300	200	150	270	150	Single	1	IP66	**1 unit**
GNG302515	300	250	150	270	200	Single	1	IP66	**1 unit**
GNG303015	300	300	150	270	250	Single	1	IP66	**1 unit**
GNG303020	300	300	200	270	250	Single	1	IP66	**1 unit**
GNG403015	400	300	150	370	250	Single	1	IP66	**1 unit**
GNG403020	400	300	200	370	250	Single	1	IP66	**1 unit**
GNG404020	400	400	200	370	350	Single	1	IP66	**1 unit**
GNG406020	400	600	200	370	550	Single	1	IP66	**1 unit**
GNG504015	500	400	150	470	350	Single	2	IP66	**1 unit**
GNG504020	500	400	200	470	350	Single	2	IP66	**1 unit**
GNG504025	500	400	250	470	350	Single	2	IP66	**1 unit**
GNG604020	600	400	200	570	350	Single	2	IP66	**1 unit**
GNG604025	600	400	250	570	350	Single	2	IP66	**1 unit**
GNG605020	600	500	200	570	450	Single	2	IP66	**1 unit**
GNG606025	600	600	250	570	550	Single	2	IP66	**1 unit**
GNG705020	700	500	200	670	450	Single	2	IP66	**1 unit**
GNG705025	700	500	250	670	450	Single	2	IP66	**1 unit**
GNG806020	800	600	200	770	550	Single	2	IP66	**1 unit**
GNG806025	800	600	250	770	550	Single	2	IP66	**1 unit**
GNG806030	800	600	300	770	550	Single	2	IP66	**1 unit**
GNG808030	800	800	300	770	750	Single	2	IP66	**1 unit**
GNG1008030	1000	800	300	970	750	Single	3P	IP66	**1 unit**
GNG10010030/PD	1000	1000	300	970	950	Double	3P	IP55	**1 unit**
GNG12010030/PD	1200	1000	300	1170	950	Double	3P	IP55	**1 unit**

For cabinets without plate check availability of UL certificate.
VDE certificate for single-door cabinets.

3P: One 3-point lock.

ARGENTA

IP54 Steel wall-mounting cabinets



Degree of protection: IP54.
Material: Cold-rolled steel.
Colour: Grey RAL 7035.

IP54 wall-mounting cabinets. Rolled steel. Combinable opaque door. With plate

Reference	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
GNL605040	600	510	400	570	450	Single	3P	IP54	**1 unit**
GNL606040	600	610	400	570	550	Single	3P	IP54	**1 unit**
GNL608040	600	810	400	570	750	Single	3P	IP54	**1 unit**
GNL6010040	600	1010	400	570	950	Double	3P	IP54	**1 unit**
GNL6012040	600	1210	400	570	1150	Double	3P	IP54	**1 unit**

They are not compatible with the installation of a chassis, inner door and plinth.

3P: One 3-point lock.

Side panel



Reference	Description	Pack	MOQ
PLA6040	Side panel 600x400	2 pcs.	**1 pack**

MATERIALS: Cold-rolled steel primed and painted in grey RAL 7035.
CHARACTERISTICS: For wall-mounting combinable cabinets.
FOR TYPE: GNL.

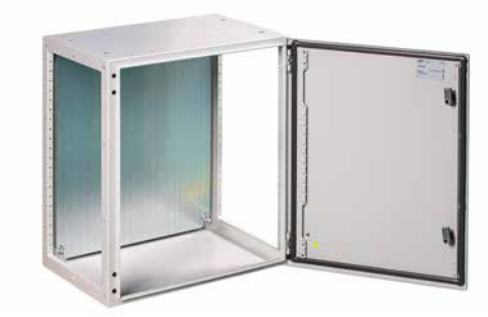
Insulation joint



Reference	Description	Pack	MOQ
48480	Adhesive insulation joint	6 m.	**1 pack**

MATERIALS: Polyethylene foam.
CHARACTERISTICS: Guarantees the IP54 degree of protection.

IP 54



ENCLOSURE

- Made of cold rolled steel, primed and painted grey RAL 7035.
- Sheet thickness: 1.5 mm.
- Supplied without side panels.
- Four dies in the upper part to install eyebolts. It is necessary to order reference number 48475 as an accessory.
- No cable entry.



DOOR

- Sheet thickness: 1.5 mm.
- Injected polyurethane sealing gasket.
- Welded reinforcement profiles with cut-out holes with a separation of 25 mm for fitting accessories.





SIDE PANELS

- Supplied as an accessory, reference PLA6040, including two panels.
- Made of cold rolled steel primed and painted grey RAL 7035.
- Injected polyurethane sealing gasket.
- M6 countersunk screws for attachment.

UNION OF CABINETS

- The cabinets are joined using 10 M6 screws and nuts, included.
- To achieve an IP54 degree of protection it is necessary to join the cabinets using the sealing gasket reference No. 48480 (see page 10).



LOCKING

- Standard 5-mm double-bit lock plus key.
- Other types of locks supplied as accessories.



MOUNTING PLATE

- Mounting plate included in all cabinet references.
- Made from 2 mm thick galvanised sheet steel.
- Continuity plate supplied as an accessory.

ARGENTA

IP66-IP55 Steel wall-mounting cabinets. Inox



STAINLESS STEEL AISI 304L / 316L

High resistance to withstand salinity and intensive cleaning.

IP66-IP55 PROTECTION

Maximum protection against dust and powerful water splashes.

INDUSTRIAL APPLICATION FOR CORROSIVE ENVIRONMENTS & FOOD INDUSTRY

For high hygiene and corrosion-resistant applications in food, chemical and coastal environments.

PRODUCT SERIES

Standard

- AISI 304L and 316L opaque door with mounting plate.

To order

- Transparent door cabinets with mounting plate (replace INX with INXT in the reference).
- Cabinets without mounting plate (add /SP to the reference).
- Special cabinets: dimensions, cut-outs, machined...

RECOMMENDED APPLICATIONS

AISI 304L

Industrial environments and outdoor facilities with aggressive agents or saline environments; food, chemical and petrochemical industries, where a high degree of hygiene is required.

AISI 316L

All previous applications and, in addition, sea ports and areas with a high salt or chlorine concentration.

SUPPLY

Supplied in individual packaging containing cabinet, plate and accessory bag.

The cabinets are supplied with protective film.

Mounting plate:

- For cabinets with a height ≤700 mm and width <800 mm are supplied unassembled in the packaging.
- For cabinets with a height ≤700 mm and width ≥800 mm are supplied assembled.
- For cabinets with a height >700 mm are supplied assembled.

Accessory bag:

- 4 watertight plugs (if the wall-mounting cut-out holes are not used).
- Earth kit consisting of nut, washer and earth symbol label.
- Plate height adjusters and nuts.
- 5 mm double-bit key.

MATERIAL

- AISI 304L - AISI 316L stainless steel.
- Injected polyurethane sealing gasket.

FINISH

- Scotch 320 satin.

IP 66 IP 55



ENCLOSURE

- Manufactured in AISI 304L or AISI 316L stainless steel.
- Sheet thickness:
  1.2 mm for cabinets from 300x200 to 600x500 mm.
  1.5 mm for cabinets from 600x600 to 1200x1000 mm.
- Wall-mounting by means of four Ø9 mm cut-out holes. Wall-mounting support leaving a gap of 11 mm (supplied as an accessory).
- Four M8x25 bolts at the back of the cabinet for securing plates.
- M6x15 earth bolt located on the cabinet sides for joining enclosure and door by means of earth wire.
- Double fold to prevent water from entering the cabinet.
- No cable entry.



DOOR

- Opaque door with 110° opening.
- Double door for cabinets with a width of 1000 mm and greater.
- Hinges welded to the enclosure.
- Transparent door available on request. Doors made of 4-mm thick tempered glass, for cabinets from 400x300 to 1000x800 mm.
- Injected polyurethane sealing gasket to guarantee IP protection.
- Welded reinforcement profiles for opaque door, with cut-out holes with a separation of 25 mm for fitting accessories. (For doors from 400x400 mm).
- Door centring device included in cabinets with a width ≥ 600 mm.



LOCKING

- 5-mm double-bit lock. Insert, latch and housing in zamak.
- A three-point rod zamak lock is supplied for cabinets with height of 1000 mm.





MOUNTING PLATE

- Mounting plate included in all cabinet references.
- Made from 2 mm thick galvanised sheet steel.
- Mounting plate with reinforcing folds of the sides, depending on the size of the cabinet.

ARGENTA

IP66-IP55 Steel wall-mounting cabinets. Inox



Degree of protection:
Single-door cabinets: IP66 / NEMA 1, 12, 4, 4x.
Double-door cabinets: IP55 / NEMA 1, 12.
Material: AISI 304L or AISI 316L stainless steel.
Finish: Scotch 320 satin.

IP66-IP55 wall-mounting cabinets. AISI 304L stainless steel. Opaque door. With plate

Reference No.	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
INX252015	250	200	150	170	150	Single	1	IP66	**1 unit**
INX302015	300	200	150	270	150	Single	1	IP66	**1 unit**
INX302515	300	250	150	270	200	Single	1	IP66	**1 unit**
INX303015	300	300	150	270	250	Single	1	IP66	**1 unit**
INX303020	300	300	200	270	250	Single	1	IP66	**1 unit**
INX304015	300	400	150	270	350	Single	1	IP66	**1 unit**
INX403020	400	300	200	370	250	Single	1	IP66	**1 unit**
INX404020	400	400	200	370	350	Single	1	IP66	**1 unit**
INX406020	400	600	200	370	550	Single	1	IP66	**1 unit**
INX504015	500	400	150	470	350	Single	2	IP66	**1 unit**
INX504020	500	400	200	470	350	Single	2	IP66	**1 unit**
INX504025	500	400	250	470	350	Single	2	IP66	**1 unit**
INX604020	600	400	200	570	350	Single	2	IP66	**1 unit**
INX604025	600	400	250	570	350	Single	2	IP66	**1 unit**
INX605020	600	500	200	570	450	Single	2	IP66	**1 unit**
INX605025	600	500	250	570	450	Single	2	IP66	**1 unit**
INX606025	600	600	250	570	550	Single	2	IP66	**1 unit**
INX705020	700	500	200	670	450	Single	2	IP66	**1 unit**
INX705025	700	500	250	670	450	Single	2	IP66	**1 unit**
INX806020	800	600	200	770	550	Single	2	IP66	**1 unit**
INX806025	800	600	250	770	550	Single	2	IP66	**1 unit**
INX806030	800	600	300	770	550	Single	2	IP66	**1 unit**
INX808030	800	800	300	770	750	Single	2	IP66	**1 unit**
INX1008030	1000	800	300	970	750	Single	3P	IP66	**1 unit**
INX10010030/PD	1000	1000	300	970	950	Double	3P	IP55	**1 unit**
INX12010030/PD	1200	1000	300	1170	950	Double	3P	IP55	**1 unit**

For references without plate add /SP; e.g. INX403015/SP.
For references with transparent door, replace INX with INXT; e.g. INXT403020. (Check availability).
For cabinets without plate and with transparent door check availability of UL certificate.
VDE certificate for single-door cabinets.

3P: One 3-point lock.

IP66-IP55 wall-mounting cabinets. AISI 316L stainless steel. Opaque door. With plate

Reference No.	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
INX252015-316	250	200	150	170	150	Single	1	IP66	**1 unit**
INX302015-316	300	200	150	270	150	Single	1	IP66	**1 unit**
INX302515-316	300	250	150	270	200	Single	1	IP66	**1 unit**
INX303015-316	300	300	150	270	250	Single	1	IP66	**1 unit**
INX303020-316	300	300	200	270	250	Single	1	IP66	**1 unit**
INX304015-316	300	400	150	270	350	Single	1	IP66	**1 unit**
INX403020-316	400	300	200	370	250	Single	1	IP66	**1 unit**
INX404020-316	400	400	200	370	350	Single	1	IP66	**1 unit**
INX406020-316	400	600	200	370	550	Single	1	IP66	**1 unit**
INX504015-316	500	400	150	470	350	Single	2	IP66	**1 unit**
INX504020-316	500	400	200	470	350	Single	2	IP66	**1 unit**
INX504025-316	500	400	250	470	350	Single	2	IP66	**1 unit**
INX604020-316	600	400	200	570	350	Single	2	IP66	**1 unit**
INX604025-316	600	400	250	570	350	Single	2	IP66	**1 unit**
INX605020-316	600	500	200	570	450	Single	2	IP66	**1 unit**
INX605025-316	600	500	250	570	450	Single	2	IP66	**1 unit**
INX606025-316	600	600	250	570	550	Single	2	IP66	**1 unit**
INX705020-316	700	500	200	670	450	Single	2	IP66	**1 unit**
INX705025-316	700	500	250	670	450	Single	2	IP66	**1 unit**
INX806020-316	800	600	200	770	550	Single	2	IP66	**1 unit**
INX806025-316	800	600	250	770	550	Single	2	IP66	**1 unit**
INX806030-316	800	600	300	770	550	Single	2	IP66	**1 unit**
INX808030-316	800	800	300	770	750	Single	2	IP66	**1 unit**
INX1008030-316	1000	800	300	970	750	Single	3P	IP66	**1 unit**
INX10010030/PD-316	1000	1000	300	970	950	Double	3P	IP55	**1 unit**
INX12010030/PD-316	1200	1000	300	1170	950	Double	3P	IP55	**1 unit**

For references without plate add /SP; e.g. INX403015-316/SP.

For references with transparent door, replace INX with INXT; e.g. INXT403020. (Check availability).

For cabinets without plate and with transparent door check availability of UL certificate.

VDE certificate for single-door cabinets.

3P: One 3-point lock.

ARGENTA ATEX

IP66 Steel wall-mounting cabinets



ROLLED STEEL

Suitable for areas with flammable gases, vapours, mists or combustible dust.

IP66 PROTECTION

Maximum protection against dust and powerful water splashes.

INDUSTRIAL APPLICATION FOR EXPLOSIVE ATMOSPHERES

Certified enclosures for ATEX zones. Ensuring the safety of electrical panels in classified areas.

PRODUCT SERIES

Standard

- Opaque door cabinets with mounting plate, and injected polyurethane sealing gasket.

RECOMMENDED APPLICATIONS

Industrial application for explosive atmospheres (ATEX)

Certified enclosures for ATEX zones, suitable for areas with flammable gases, vapours, mists or combustible dust, ensuring the safety of electrical panels in classified areas (Zones 1 and 2 for gas, and Zones 21 and 22 for dust).

SUPPLY

Supplied in individual packaging containing cabinet, plate and accessory bag.

Mounting plate:

- For cabinets with a height ⩽700 mm and width <800 mm are supplied unassembled in the packaging.
- For cabinets with a height ⩽700 mm and width ⩾800 mm are supplied assembled.
- For cabinets with a height >700 mm are supplied assembled.

Accessory bag:

- Earth kit consisting of nut, washer and earth symbol label.
- Plate height adjusters and nuts.
- Key.
- 4 wall-hangers.

MATERIAL

- Cold-rolled steel.
- Injected polyurethane sealing gasket.

FINISH

- Epoxy-polyester embossed.
- Colour grey RAL 7035.

IP 66





ENCLOSURE

- Sheet thickness:
  1.2 mm for cabinets from 300x200 to 600x500 mm.
  1.5 mm for cabinets from 600x600 to 1000x800 mm.
- Four M8x25 bolts at the back of the cabinet for securing plates.
- M6x10 earth bolt located on the cabinet sides for joining enclosure and door by means of earth wire.
- The cabinet has a M6x22 rivet nut for exterior earthing.
- Double fold to prevent water from entering the cabinet.
- M6 rivet nuts at the base of the cabinet to attach the 4 wall hangers included in the unit (11-mm separation between enclosure and wall).
- No cable entry.





DOOR

- Opaque door with 110° opening.
- Concealed hinges welded to the enclosure and door.
- Opaque door sheet thickness:
  1.2 mm for cabinets from 300x200 to 600x400 mm.
  1.5 mm for cabinets from 600x500 to 800x800 mm.
  2 mm for cabinets of 1000x800 mm.
- Doors supplied with continuous injected polyurethane sealing gasket, UV-ray resistant.
- Welded reinforcement profiles with cut-out holes with separation of 25 mm for fitting accessories.
- Door centring device included in cabinets with a width ≥ 600 mm.





LOCKING

- 5-mm double-bit lock plus key. Insert and housing in zamak, latch in steel.
- A three-point rod lock is supplied in galvanised steel for cabinets with height of 1000 mm.





MOUNTING PLATE

- Mounting plate included in all cabinet references.
- Made from 2 mm thick galvanised sheet steel.
- Mounting plate with reinforcing folds of the sides, depending on the size of the cabinet.

ARGENTA ATEX

IP66 Steel wall-mounting cabinets. Inox



STAINLESS STEEL

Suitable for areas with flammable gases, vapours, mists or combustible dust.

IP66 PROTECTION

Maximum protection against dust and powerful water splashes.

INDUSTRIAL APPLICATION FOR EXPLOSIVE ATMOSPHERES

Certified enclosures for ATEX zones. Ensuring the safety of electrical panels in classified areas.

PRODUCT SERIES

Standard

- Opaque door cabinets in AISI 304L and 316L stainless steel with mounting plate, and injected silicone rubber gasket.

RECOMMENDED APPLICATIONS

Environments with potentially explosive atmospheres; areas that are hazardous due to the presence of flammable gases, vapours, mists or dust in which, after ignition, there is the possibility of an explosion.

SUPPLY

Supplied in individual packaging containing cabinet, plate and accessory bag.

Mounting plate:

- For cabinets with a height ⩽700 mm and width <800 mm are supplied unassembled in the packaging.
- For cabinets with a height ⩽700 mm and width ⩾800 mm are supplied assembled.
- For cabinets with a height >700 mm are supplied assembled.

Accessory bag:

- Earth kit consisting of nut, washer and earth symbol label.
- Plate height adjusters and nuts.
- Key.
- 4 wall-hangers.

MATERIAL

- AISI 304L and 316L stainless steel.
- Continuous injected silicone rubber gasket.

FINISH

- Scotch 320 satin.

IP 66





ENCLOSURE

- Manufactured in stainless steel AISI 304L or 316L.
- Stainless steel thickness:

  1.2 mm for cabinets from 300x200 to 600x500 mm.
  1.5 mm for cabinets from 600x600 to 800x800 mm.
  2 mm for cabinets from 1000x800 mm.
- Four M8x25 bolts at the back of the cabinet for securing plates.
- M6x15 earth bolt located on the cabinet sides for joining enclosure and door by means of earth wire.
- The cabinet has a M6x22 rivet nut for exterior earthing.
- Double fold to prevent water from entering the cabinet.
- M6 rivet nuts on the base of the cabinet for mounting the four wall hangers included in the unit (11 mm separation between enclosure and wall).
- No cable entry.









DOOR

- Opaque door with 110° opening.
- Concealed hinges welded to the enclosure and door.
- Opaque door stainless steel thickness:

  1.2 mm for cabinets from 300x200 to 600x400 mm.
  1.5 mm for cabinets from 600x500 to 800x800 mm.
  2 mm for cabinets of 1000x800 mm.
- Doors supplied with continuous injected silicone gasket, guaranteeing the IP66. This gasket ensures excellent performance when dealing with high temperatures and external agents.
- Welded reinforcement profiles for opaque door, with cut-out holes with a separation of 25 mm for fitting accessories. (For doors from 400x400 mm).
- Door centring device included in cabinets with a width ⩾ 600 mm.





LOCKING

- 5 mm double-bit lock plus key. Insert and housing in AISI 304L stainless steel, latch in steel.
- A three-point rod lock is supplied in stainless steel for cabinets with height of 1000 mm.
- Cabinets with a width of 600 mm or greater are supplied with two horizontal locks.





MOUNTING PLATE

- Mounting plate included in all cabinet references.
- Made from 2 mm thick galvanised sheet steel.
- Mounting plate with reinforcing folds of the sides, depending on the size of the cabinet.

ARGENTA ATEX

IP66 Steel wall-mounting cabinets

Regulations for ATEX atmospheres

Directive 2014/34/EU relating to equipment and protective systems intended for use in potentially explosive atmospheres.

ATEX Atmosphere

This term is used to refer to potentially explosive atmospheres, as well as to the standards regulating the use of protection equipment and systems in this type of atmosphere.

An **explosive atmosphere** is defined as any mixture, in atmospheric conditions, of air and inflammable substances in the form of gas,vapours or dust, in which, following ignition, combustion spreads to the entire uncombusted mixture.

Potentially explosive atmosphere: An atmosphere which could become explosive due to local and operational conditions.

Normal atmospheric conditions are considered as:

- Temperature between -20 ºC / +60 ºC.
- Pressure between 0.8 and 1.1 bar.

ATEX DOES NOT COVER the risk of explosion from volatile substances such as explosives, fireworks or mixtures under pressure.

ATEX Atmospheres Classification

Application	Cat./presence of pot. explosive atmospheres	Hazardous Zones	Atmosphere
GROUP I Mining	M1 and M2	Gas and Dust (G and D)	
GROUP II Industrial (non mining)	1. Continuous or frequent	Zone 0: gas and vapour	G
		Zone 20: mist and dust	D
	2. Occasional	Zone 1: gas and vapour	G
		Zone 21: mist and dust	D
	3. Short periods only	Zone 2: gas and vapour	G
		Zone 22: mist and dust	D

Classification into groups and zones under Directive 2014/34/EU.

All equipment intended for explosive atmospheres must carry a marking that indicates the areas in which it can be used and the forms of protection it offers.

Set certificate

The ATEX certificate for the ARGENTA series is a component certificate. The final unit must have an ATEX certificate and a declaration of conformity.



+

Installation of ATEX components

Electrical, pneumatic, hydraulic, etc...

Ignition temperature of GAS or DUST

THERMAL CLASS	TEMPERATURE ºC
T1	450
T2	300
T3	200
T4	135
T5	100
T6	85

GASES have an ignition temperature, and this must be known in order to select equipment with a lower temperature.

DUST has two types of ignition temperature:

MITC: Minimum Ignition Temperature for **a cloud.**

MITL: Minimum Ignition Temperature for **a layer.**

These values limit the surface temperature of equipment to: Lower than 2/3 of MITC or MITL -75°C.

IDE cannot perform temperature tests, as these depend on the components installed inside. IDE only certifies/sells the enclosure.

IP 66

WHICH PARTS OF ATEX DOES IDE OFFER COMPLIANCE WITH?

Group II: NON-mining

Gases IIC (Hydrogen and similar)
Dust IIIC (Conductive dust)

Zones

GAS	DUST	FREQUENCY	CATEGORY	
1	21	Intermittent	2	We offer compliance
2	22	Occasional	3	We offer compliance
0	20	Continuous	1	We do not offer compliance

IDE Label

ATEX symbol according to the directive.

II: Equipment intended for use in places other than mines with the presence of explosive atmosphere.

2: Product category. Explosive atmospheres that cause gases, vapours and a mixture of air/dust.

GD: Gas and dust.

Ex: ATEX-compliant product.

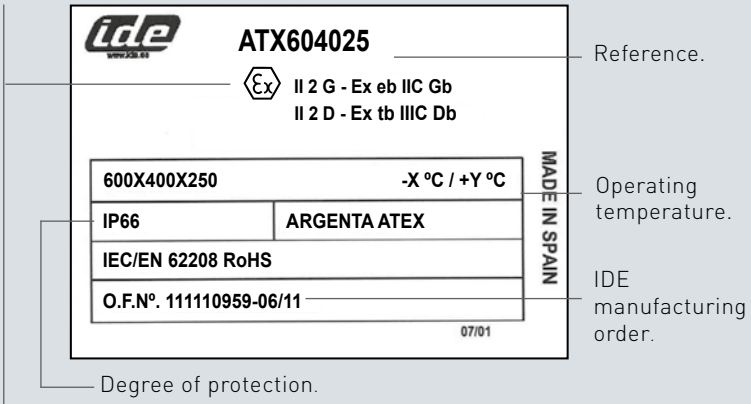
IIC: Type of gas: Hydrogen and similar.

Gb/Db: Protection from dust and gas for nonelectrical equipment. "Control of sources of ignition".

eb: Protection mode: "Increased safety".

tb: Protection mode: "Enclosure".

IIIC: Type of dust. "Conductive".



Nomenclature

Gas



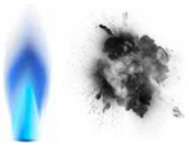
EX	ATEX
eb	Increased safety
IIC	Hydrogen and similar
Gb	NON-electrical equipment

Dust



EX	ATEX
tb	Enclosure safety
IIIC	Conductive dust
Db	NON-electrical equipment

Gas and dust



EX	ATEX
II	Group 2 NON-mining
2	Categories 2 for zones 1, 21 / 2, 22
GD	Gas and dust

ARGENTA ATEX

IP66 Steel wall-mounting cabinets



Degree of protection: IP66 / NEMA 1, 4, 12.
Material: Cold-rolled steel.
Injected polyurethane sealing gasket.
Ambient temperature range: -25º C / +60º C
Colour: Grey RAL 7035.

IP66 wall-mounting cabinets. Rolled steel. Opaque door. With plate. ATEX

Reference	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
ATX302015	300	200	150	270	150	Single	1	IP66	**1 unit**
ATX302515	300	250	150	270	200	Single	1	IP66	**1 unit**
ATX303015	300	300	150	270	250	Single	1	IP66	**1 unit**
ATX303020	300	300	200	270	250	Single	1	IP66	**1 unit**
ATX403020	400	300	200	370	250	Single	1	IP66	**1 unit**
ATX404020	400	400	200	370	350	Single	1	IP66	**1 unit**
ATX406020	400	600	200	370	550	Single	1	IP66	**1 unit**
ATX504020	500	400	200	470	350	Single	2	IP66	**1 unit**
ATX604020	600	400	200	570	350	Single	2	IP66	**1 unit**
ATX604025	600	400	250	570	350	Single	2	IP66	**1 unit**
ATX605025	600	500	250	570	450	Single	2	IP66	**1 unit**
ATX606025	600	600	250	570	550	Single	2	IP66	**1 unit**
ATX705025	700	500	250	670	450	Single	2	IP66	**1 unit**
ATX806030	800	600	300	770	550	Single	2	IP66	**1 unit**
ATX808030	800	800	300	770	750	Single	2	IP66	**1 unit**
ATX1008030	1000	800	300	970	750	Single	3P	IP66	**1 unit**

Quality system according to UNE/ISO IEC 80079-34. Certified by LOM.

3P: One 3-point lock.



Degree of protection: IP66 / NEMA 1, 4, 4x, 12.
Material: AISI 304L or AISI 316L stainless steel.
Continuous injected silicone rubber gasket.
Ambient temperature range: -55 ºC / +100 ºC.
Finish: Scotch 320 satin.

IP66 wall-mounting cabinets. AISI 304L stainless steel. Opaque door. With plate. ATEX

Reference	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
ATX302015/INX	300	200	150	270	150	Single	1	IP66	**1 unit**
ATX302515/INX	300	250	150	270	200	Single	1	IP66	**1 unit**
ATX303015/INX	300	300	150	270	250	Single	1	IP66	**1 unit**
ATX403020/INX	400	300	200	370	250	Single	1	IP66	**1 unit**
ATX404020/INX	400	400	200	370	350	Single	1	IP66	**1 unit**
ATX406020/INX	400	600	200	370	550	Single	1+2	IP66	**1 unit**
ATX504020/INX	500	400	200	470	350	Single	2	IP66	**1 unit**
ATX604020/INX	600	400	200	570	350	Single	2	IP66	**1 unit**
ATX605025/INX	600	500	250	570	450	Single	2	IP66	**1 unit**
ATX606025/INX	600	600	250	570	550	Single	2+2	IP66	**1 unit**
ATX705025/INX	700	500	250	670	450	Single	2	IP66	**1 unit**
ATX806030/INX	800	600	300	770	550	Single	2+2	IP66	**1 unit**
ATX808030/INX	800	800	300	770	750	Single	2+2	IP66	**1 unit**
ATX1008030/INX	1000	800	300	970	750	Single	3P+2	IP66	**1 unit**

IP66 wall-mounting cabinets. AISI 316L stainless steel. Opaque door. With plate. ATEX

Reference	Cabinet dimensions			Plate dimensions		Door type	No. locks	IP	MOQ
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH				
ATX302015/INX-316	300	200	150	270	150	Single	1	IP66	**1 unit**
ATX302515/INX-316	300	250	150	270	200	Single	1	IP66	**1 unit**
ATX303015/INX-316	300	300	150	270	250	Single	1	IP66	**1 unit**
ATX403020/INX-316	400	300	200	370	250	Single	1	IP66	**1 unit**
ATX404020/INX-316	400	400	200	370	350	Single	1	IP66	**1 unit**
ATX406020/INX-316	400	600	200	370	550	Single	1+2	IP66	**1 unit**
ATX504020/INX-316	500	400	200	470	350	Single	2	IP66	**1 unit**
ATX604020/INX-316	600	400	200	570	350	Single	2	IP66	**1 unit**
ATX605025/INX-316	600	500	250	570	450	Single	2	IP66	**1 unit**
ATX606025/INX-316	600	600	250	570	550	Single	2+2	IP66	**1 unit**
ATX705025/INX-316	700	500	250	670	450	Single	2	IP66	**1 unit**
ATX806030/INX-316	800	600	300	770	550	Single	2+2	IP66	**1 unit**
ATX808030/INX-316	800	800	300	770	750	Single	2+2	IP66	**1 unit**
ATX1008030/INX-316	1000	800	300	970	750	Single	3P+2	IP66	**1 unit**

Certified by DEKRA.

3P: One 3-point lock.
+2: Two additional horizontal locks.



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