

# ARGENTA ATEX

HAZARDOUS AREA ENCLOSURES



Quality products

## ARGENTA ATEX ENCLOSURES FOR HAZARDOUS AREAS



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# ATEX atmospheres

## ■ ATEX ATMOSPHERES AND REGULATORY REQUIREMENTS

### ■ ATEX ATMOSPHERES

This term is used to refer to hazardous areas, as well as to the regulations concerning the use of equipment and protection systems in such atmospheres.

A hazardous area may contain an explosive mixture of air and flammable substances in the atmosphere, in the form of gases, vapours or dust whose ignition may lead to combustion spreading throughout the entire unburned mixture.

### ■ ATEX REGULATORY REQUIREMENTS

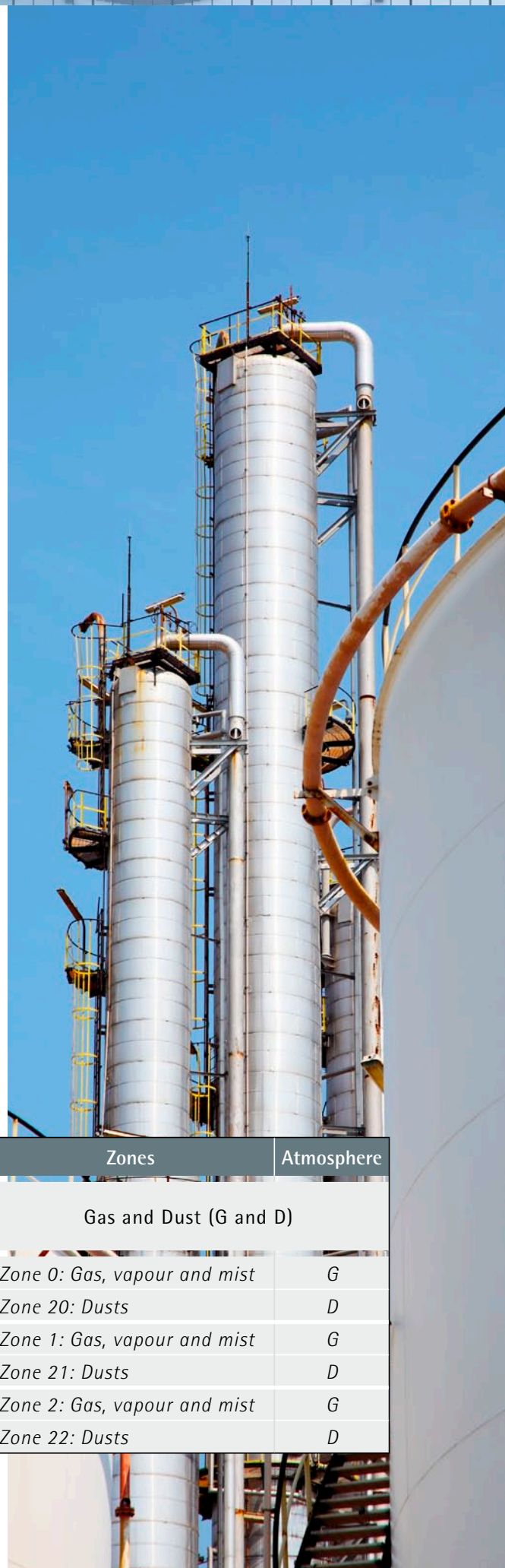
The regulations regarding risk prevention in explosive atmospheres are as follows:

- Concerning equipment and protection systems intended for use in potentially explosive atmospheres.
- Concerning the protection of the health and safety of workers exposed to risks arising from the presence of explosive atmospheres in the workplace.
- International regulations: **IEC 61241** and **IEC 60079**.

### ■ ATEX ATMOSPHERES CLASSIFICATION

Classification into groups and zones under Directive 99/92/EC:

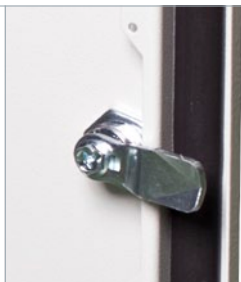
APPLICATION	Hazardous area category	Zones	Atmosphere
<b>GROUP I Mining</b>	M1 and M2	Gas and Dust (G and D)	
<b>GROUP II Industrial (non-mining)</b>	1. Continuous or for long periods	Zone 0: Gas, vapour and mist	G
		Zone 20: Dusts	D
	2. Occasional	Zone 1: Gas, vapour and mist	G
		Zone 21: Dusts	D
	3.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



# description AND features

ATEX

Optimised opening and closing



M8 rivet nut for earthing



Argenta ATEX manufactured with high quality cold rolling steel in RAL7035

M6 earth connection bolts on door and body



Also available in **stainless steel**



M8 rivet nuts for attaching the 4 wall hangers included in the unit



**0163:** Organisation reference number

**Ex** 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"

## LABELLING

<b>ide</b> www.ide.es		<b>ATX604025</b>	
0163 <b>Ex</b> II 2 GD -Ex e IIC Gb		Ex tb IIIC Db	
LOM 12ATEX 3060U			
600X400X250		-20°C / +60°C	
IP66	ARGENTA ATEX		
IEC/EN 62208 RoHS			
O.F.Nº. 111110959-06/11			
07/01			

MADE IN SPAIN

Reference number

EC type certification number

Usage temperature


IDE manufacturing number

Degree of protection





## WALL-MOUNTED ENCLOSURES WITH ATEX MARK

- 0163  II 2GD
- Ex e IIC Gb
- Ex tb IIIC Db
- LOM 12ATEX3060U

Certified by LOM.

## TECHNICAL FEATURES

■ Degree of protection	IP66
■ Impact resistance	IK10
■ Ambient temperature range	-20°C/+60°C
■ Suitable for hazardous areas 1 and 2, zones 21 and 22	

Certified by LOM 12ATEX3060U.  
Complies with the directive ATEX94/9/CE and regulations  
EN60079-0, EN60079-7; EN60079-31

## ■ UNIT CERTIFICATE



### INSTALLATION OF ATEX COMPONENTS

Electrical, pneumatic, hydraulic, etc.

**THE FINAL UNIT MUST HAVE AN ATEX CERTIFICATE AND A DECLARATION OF CONFORMITY**

## ARGENTA ATEX IP66 ■



INCLUDES assembly plate + 4 wall brackets

## METAL CABINETS ■

Commercial Ref.	Dimensions	Cable input	No of locks	No of hinges
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

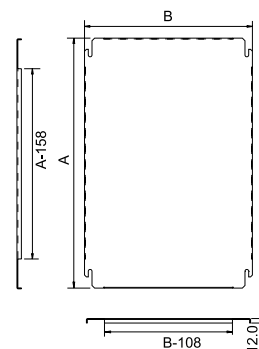
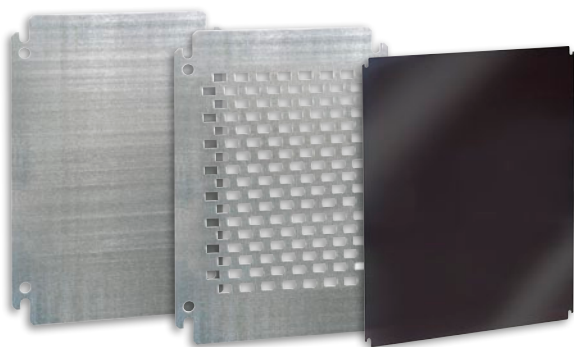
## 304L STAINLESS STEEL CABINETS ■

Commercial Ref.	Dimensions	Cable input	No of locks	No of hinges
ATX302015/INX	300x200x150	80x150	1	2
ATX302515/INX	300x250x150	80x150	1	2
ATX303015/INX	300x300x150	80x200	1	2
ATX303020/INX	300x300x200	140x230	1	2
ATX403020/INX	400x300x200	140x230	1	2
ATX404020/INX	400x400x200	140x300	1	2
ATX406020/INX	400x600x200	140x500	1	2
ATX504020/INX	500x400x200	140x300	2	2
ATX604020/INX	600x400x200	140x300	2	2
ATX604025/INX	600x400x250	140x300	2	2
ATX605025/INX	600x500x250	140x400	2	2
ATX606025/INX	600x600x250	140x500	2	2
ATX705025/INX	700x500x250	140x400	2	2
ATX806030/INX	800x600x300	140x500	2	3
ATX808030/INX	800x800x300	140x700	2	3
ATX1008030/INX	1.000x800x300	140x700	3P	3

*Stainless steel cabinets available from 2013*

## ■ ASSEMBLY PLATES

FOR METAL AND STAINLESS STEEL CABINETS



BLIND	GROOVED	BAKELITE	Dimensions (AxB)	For cabinet (Height x Width)
PL3020	PLU3020	PLB3020	270x150	300x200
PL3025	PLU3025	PLB3025	270x200	300x250
PL3030	PLU3030	PLB3030	270x250	300x300
PL4030	PLU4030	PLB4030	370x250	400x300
PL4040	PLU4040	PLB4040	370x350	400x400
PL4060	PLU4060	PLB4060	370x550	400x600
PL5040	PLU5040	PLB5040	470x350	500x400
PL6040	PLU6040	PLB6040	570x350	600x400
PL6050	PLU6050	PLB6050	570x450	600x500
PL6060	PLU6060	PLB6060	570x550	600x600
PL7050	PLU7050	PLB7050	670x450	700x500
PL8060	PLU8060	PLB8060	770x550	800x600
PL8080	PLU8080	PLB8080	770x750	800x800
PL10080	PLU10080	PLB10080	970x750	1.000x800

Commercial Ref.

ACCESSORY 48228

4 height adjusters + 4 antirotation nuts bag (to be ordered apart)

## ■ MODULAR CHASSIS


FOR METAL AND STAINLESS STEEL CABINETS




Commercial Ref.	Total modules	Rows	For cabinet
CH3025/1520	16	2x8	ATX302515
CH4030/1520	33	3x11	ATX403020
CH5040/1520	48	3x16	ATX504020
CH6040/1520	64	4x16	ATX604020
CH6040/2530	64	4x16	ATX604025
CH6060/2530	104	4x26	ATX606025
CH7050/2530	110	5x22	ATX705025
CH8060/2530	128	4x26-1x24	ATX806030
CH8080/2530	190	5x38	ATX808030




## WALL MOUNTING SUPPORT ■

		ONLY FOR METAL CABINETS	
Commercial Ref.			
48423		Wall mounting support 20x20 (4 pcs.)	


## EARTHING KIT ■

		FOR METAL AND STAINLESS STEEL CABINETS	
Commercial Ref.			
48437		150 mm flat ground connection	
48440		200 mm flat ground connection	


## LOCKS ■

		FOR METAL AND STAINLESS STEEL CABINETS	
Commercial Ref.			
48405		1P ATEX lock	
48406		3P ATEX lock	
48460		5 mm double-bit zamak key	

## MAST ATTACHMENT PACK ■

		FOR METAL AND STAINLESS STEEL CABINETS	
Commercial Ref.			
48420		Mast attachment pack (2 pcs.). For cabinet width from 400 to 800 mm	

## HEIGHT ADJUSTMENT ELEMENTS ■

		FOR METAL AND STAINLESS STEEL CABINETS	
Commercial Ref.		Cabinet depth (mm)	
SP150		150	4 pcs.
SP200		200	4 pcs.
SP250		250	4 pcs.
SP300		300	4 pcs.
For mounting plates and inner doors			

# ATEX accessories

## ■ SPARE DOORS

### ONLY FOR METAL CABINETS



Supplied without lock.

Commercial Ref.	Dimensions (mm) (Height x Width)	No of locks
PO3020	300x200	1
PO3025	300x250	1
PO3030	300x300	1
PO4030	400x300	1
PO4040	400x400	1
PO4060	400x600	1
PO5040	500x400	2
PO6040	600x400	2
PO6050	600x500	2
PO6060	600x600	2
PO7050	700x500	2
PO8060	800x600	2
PO8080	800x800	2
PO10080	1.000x800	3P

## ■ DOOR ASSEMBLY PROFILES

### FOR METAL AND STAINLESS STEEL CABINETS



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

## ■ INNER DOOR

### FOR METAL AND STAINLESS STEEL CABINETS



In order to achieve the correct assembly of the INNER DOOR is necessary to request the Height Adjustment Element.

Commercial Ref.	Dimensions (mm) (Height x Depth)	For cabinet (Width x Height)
PIN3020	250x150	300x200
PIN3025	250x200	300x250
PIN3030	250x250	300x300
PIN4030	350x250	400x300
PIN4040	350x350	400x400
PIN4060	350x550	400x600
PIN5040	450x350	500x400
PIN6040	550x350	600x400
PIN6050	550x450	600x500
PIN6060	550x550	600x600
PIN7050	650x450	700x500
PIN8060	750x550	800x600
PIN8080	750x750	800x800
PIN10080	950x750	1.000x800

# 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 lost 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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