

EXELION SERIES STANDS OUT FOR ITS ROBUSTNESS AND A VERY SPACIOUS INTERIOR

PNEUMATIC CONTROL PANEL

EXELION SERIES IP66



Delvalle, wide experience in manufacturing solutions for hazardous area



WE PUT AT YOUR DISPOSAL

We offer over **50 years** providing hazardous area **solutions** to demanding customers who require very specific characteristics and behaviour according to the sector and their needs.

WHEREVER YOU GO

We are committed to working closely with our customers, providing them with exceptional service and offering an advanced and **extensive range of hazardous area products** with very competitive prices.

CONSULTING & ENGINEERING

Atex Delvalle adapts to our clients' needs by offering hazardous-area systems. Atex-delvalle are the leading certified assembler of Ex junction boxes, our **customized services**, **experienced design** and drafting 3D support.

HIGH STANDARD OF QUALITY AND SERVICES

We only use materials provided by companies who offer the very highest quality, suitable and certified products. Our success is due to **top quality** assurance: ISO 9001, SGS, UL, TÜV, ISO 14000, Ohsas 1800, Atex, IECEx.



100%
Diseñado y fabricado
íntegramente en España
*Entirely designed and
manufactures in Spain*



CONTACT US

Confidentiality, reliability & quality

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ALSO ONLINE



Please contact our technical sales department.

A team of professionals with high experience and ability to solve all your queries.



**FESTO****Zones 2 and 22**

PNEUMATIC CONTROL PANEL

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Example



Pneumatic Control Enclosure for Hazardous Areas

This control pneumatic cabinet has been designed and manufactured under the strictest quality and safety standards to offer a robust and reliable solution in environments with explosion risk. It combines the precision of pneumatic control with the safety of a certified enclosure, ensuring operational continuity where others fail.

It is ideal for the control of actuators, process valves, or instrumentation in industries such as chemical, petrochemical, pharmaceutical, and energy.

Intended for use in Zones 2 and 22, it stands out for its great safety and resistance in the most hostile and aggressive environments, where it offers the best use.

The main advantage of this Delvalle product is its custom manufacturing for each client's installation, according to the most demanding specifications.

➔ [FOR MORE INFORMATION CLICK HERE](#)



INTERNAL COMPONENTS

The heart of the pneumatic control system is supplied by Festo, ensuring rapid response and a long service life:

- Air Treatment: Filter-Regulator Unit (MS Series) with a metallic bowl for ATEX compliance. It guarantees clean and stable control air.
- Valve Control: Modular Valve Terminal (VUVG/VTUG Series) with certified low-power coils (Ex i / Ex nA), allowing precise control of multiple actuators from a single point.
- Connectivity: Push-in Fittings (QS Series), including bulkhead connectors for a clean and secure field connection.
- Terminal Blocks: Modular DIN-Rail Terminals (WDU/ZDU Series), allowing for a secure and organized connection of 24 Vdc control signals.

VENTAJAS

- Easy Commissioning: Logical and organized internal design that simplifies field connections.
- Fault Reduction: High-quality components and custom-cut tubing, minimizing leaks and control failures.
- Simplified Maintenance: The arrangement of external terminal blocks and couplings allows for rapid diagnosis without compromising the explosive atmosphere (always respecting hot or cold work procedures).



FEATURES

- They are designed for use in Zones 2 and 22 and for placing Ex components and terminals.
- Manufactured in AISI 304L or AISI 316L stainless steel, with a polished satin surface finish.
- Built in a size of 500x600x200 mm. Can be custom designed.
- Spacious interior that simplifies connection operations.
- Guaranteed anticorrosion protection.
- Great safety and resistance in the most aggressive environments.
- Pre-assembled body and door.
- Mass insert allowing for external connection.
- Quarter-turn double-bit locks and hinges manufactured in stainless steel. Other locks available upon request.
- Double access option (front and rear doors), in the standard roof model.
- Possible accessories: eyebolts, baseboards, perforated plates, cable gland covers, etc..
- Wall mounting brackets.

NORMATIVE

- II3G Ex ec IIC Gc and II3D Ex tc IIIC Dc IP66 according to directive 2014/34/EU and standard EN IEC 60079-0, EN 60079-7, EN 60079-31.
- IP66 protection rating according to EN 60529.
- IK10 impact resistance rating according to IEC 62262 Standard.
- UL Certificate Nema 4x, 12, 3r and 1 upon request. File No. E342220.

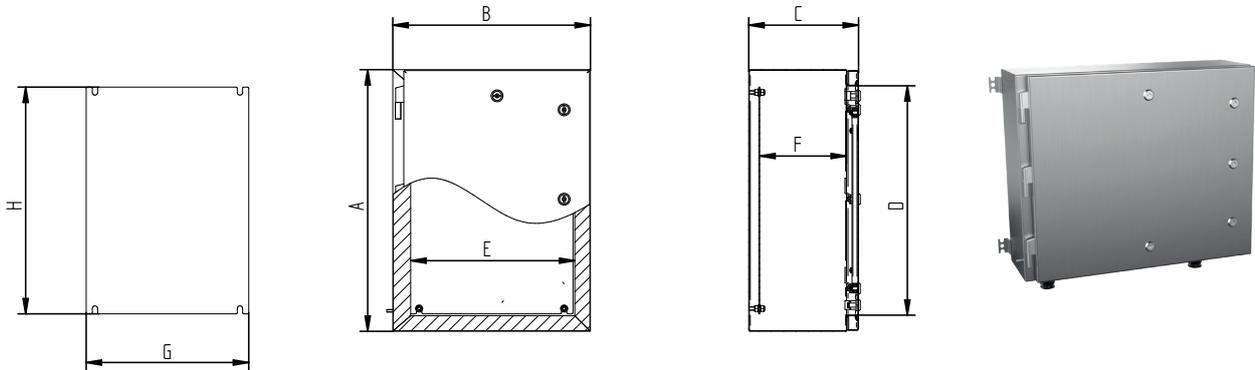


APPLICATIONS

- Control and pneumatic distribution systems in ATEX areas.
- Chemical, petrochemical, and pharmaceutical plants.
- Offshore installations and marine platforms.
- Process areas with the presence of combustible dust.



PLANS AND REFERENCES



INCREASED SAFETY ENCLOSURE PNEUMATIC (mm)											
REFERENCES	HEIGHT (A)	WIDTH (B)	DEPTH (C)	HIGH INTERIOR USEFUL (D)	INTERNAL WIDTH USEFUL (E)	INTERNAL FUND USEFUL (F)	LATERAL AREA MACHINABILITY		PANEL MEASURES (GXH)	WEIGHT (Kg)	VOLUME (m³)
							DOOR	SIDE			
LXCS506020EX	500	600	200	426	521	147.5	343x474.3	470x144	420x520	19	0.070
Custom manufacturing	Possibility of custom manufacturing upon request.										



SOLUTIONS FOR HAZARDOUS AREA

With over 50 years of experience in design, manufacture and supply of electrical high quality Atex & IECEX solutions.

Atex Delvalle adapts to our clients' needs by offering Hazardous Area enclosures and boxes on demand. They are adapted to your specific requirements of installation and assembly, up to the last detail.

Atex Delvalle designs and manufactures a range of Hazardous Area enclosures; junction and terminal boxes, pressurized, flameproof Ex d and increased Safety Ex e Atex & IECEX compliant enclosures.



ATEX CABLE GLANDS



MOTOR STARTER & LOAD DISCONNECT SWITCHES



ATEX TERMINAL & JUNCTION BOXES



ATEX LIGHTING FIXTURE



FLAMEPROOF ENCLOSURES & PULLING BOXES

HMI INDUSTRIAL PANELS WORKSTATIONS



CONTROL STATIONS & DISTRIBUTION BOXES

Atex control boxes (Contrex Series), they are specially designed to perform checks, maneuvers and as actuators in explosive atmospheres. They have a rugged, corrosion system and finished in stainless steel or GRP polyester. It allows you to perform maneuvers and controls at the machine in hazardous areas and take programming and automation in a safe area. Offering customers a great combination of possibilities and flexibility. Select the component that best suits your operator panels, keypads, mushrooms, switches, ammeters... and you assemble all with Atex certified, Ex & IECEx and UL.



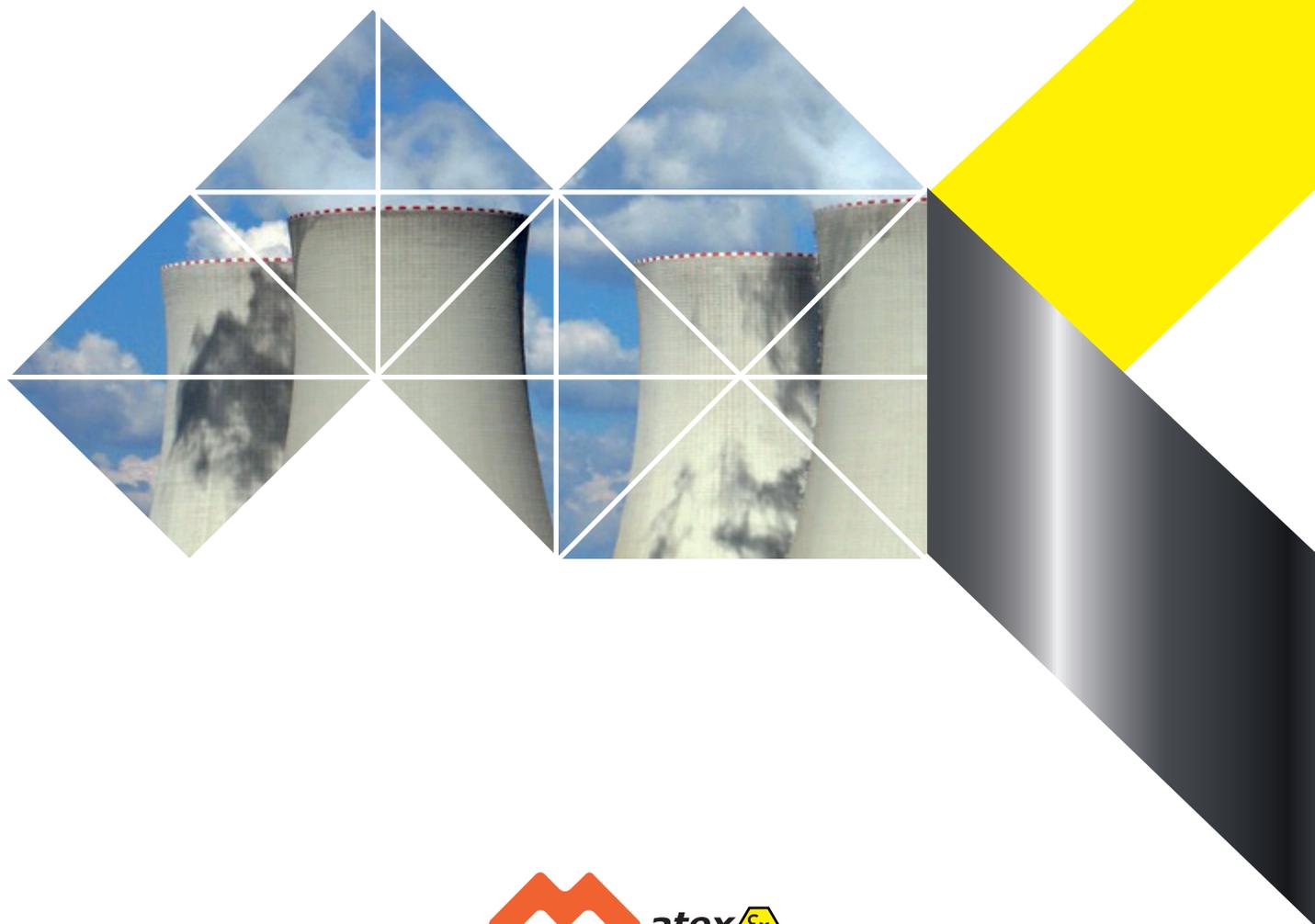
ENCLOSURES FOR CORROSION ENVIRONMENTS

PRESSURIZED PANELS & ATEX PURGE





HAZARDOUS AREA SOLUTIONS ATEX E IECEx



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Contacta con nosotros, estamos a su disposición