

Zones 1, 2, 21 and 22



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# SEISMIC-PROOF ATEX ENCLOSURE

## SEISCORE<sub>x</sub> SERIES IP66

OUTSTANDING IN SAFETY AND SEISMIC RESISTANCE



· WE ARE ·  
**MANUFACTURERS**  
CERTIFIED

1.25

# 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



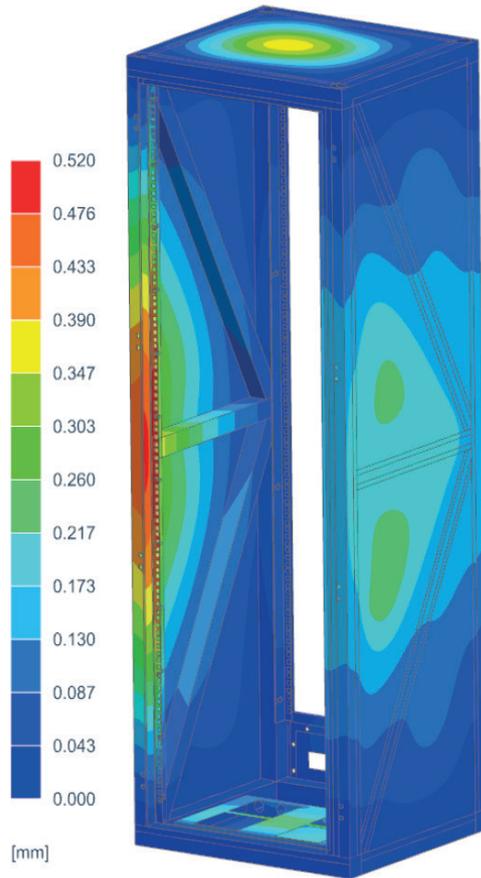
Please contact our technical sales department.

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





## SEISCORE<sub>x</sub> SERIES IP66

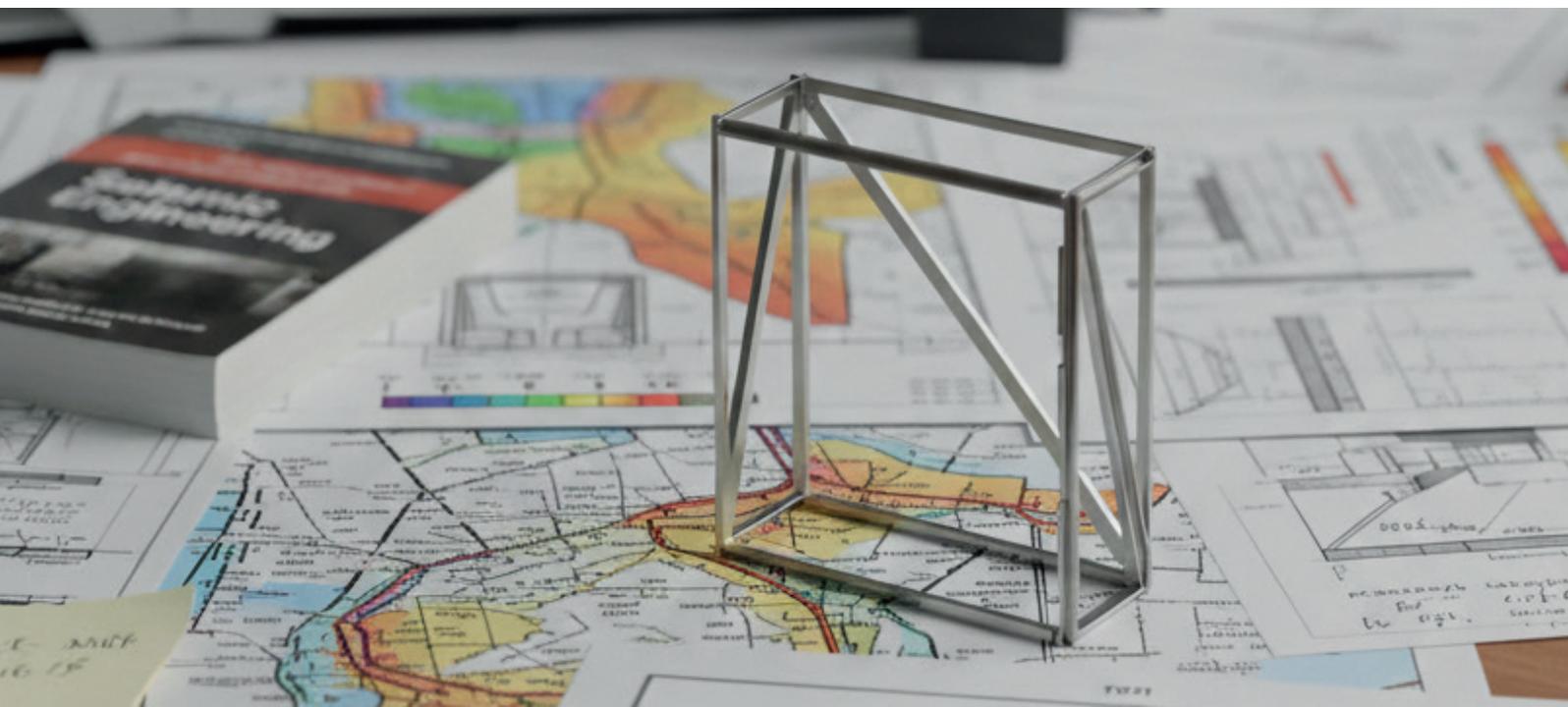


➔ [FOR MORE INFORMATION CLICK HERE](#)

In certain industrial, energy and critical infrastructure facilities, safety depends not only on electrical protection, but also on the ability of equipment to withstand extreme mechanical stress. To meet this need, we have developed the Seiscorex series, a range of cabinets specifically designed to ensure the structural integrity and proper functioning of electrical systems even during and after a seismic event.

The Seiscorex series is the result of an in-depth analysis of regulatory and operational requirements in areas of seismic activity. Its enclosures incorporate structural reinforcements, certified anchoring systems and optimised construction solutions that absorb vibrations, accelerations and displacements without compromising the internal components. This protects critical equipment, reduces the risk of failure and preserves the operational continuity of the installation.

Manufactured in accordance with international seismic regulations and verified through dynamic calculations and resistance tests, Seiscorex cabinets represent a reliable solution for power stations, substations, chemical plants, processing facilities, data centres and strategic infrastructure located in seismic risk areas.



**Zones 1, 2, 21 and 22**

## SEISMIC-PROOF ATEX ENCLOSURE

### SEISCORE<sub>x</sub> SERIES IP66

#### Maximum Robustness and Structural Stability in Seismic Zones



Example

Seiscorex ATEX Luxorex seismic enclosures have been specifically designed, calculated and certified for installation in seismic areas or zones at risk of intense structural movements caused by earthquakes, while maintaining all the guarantees required for explosive atmospheres.

This range offers an advanced solution that combines two critical requirements of modern industry: certified seismic performance + ATEX safety, ensuring the continuous protection of sensitive electrical equipment even during and after a seismic event.

These are not simple reinforced boxes. They are industrial enclosures designed from their structural architecture to withstand seismic accelerations, prolonged vibrations and dynamic impacts, preserving mechanical integrity, IP66 tightness, dimensional stability, electrical safety and regulatory compliance.

➔ [FOR MORE INFORMATION CLICK HERE](#)



# SEISMIC-PROOF ATEX ENCLOSURE

## SEISCOREX SERIES IP66

### APPLICATIONS

Particularly suitable for installations located in:

- Active seismic zones
- Regions with strict structural regulations
- Highly critical industrial infrastructure

Main sectors:

- Oil & Gas
- Offshore and marine platforms
- Chemical and petrochemical industry
- Refineries
- Nuclear and renewable energies
- Air transport
- Ports and maritime infrastructure
- Field stations
- Heavy industry and automation



### OPTIONS

- 304L or 316L stainless steel.
- IP66 anti-seismic cable gland cover.
- Anti-seismic base and supports available on request.
- Specific design in accordance with the seismic acceleration of the location.



### FEATURES

- Certified according to seismic standard IEC 60068-3-3 / EN 1998.
- Monobloc construction reinforced with internal stiffeners.
- Suitable for wall mounting or installation in anti-seismic racks.
- They are intended for use in Zones 1, 2, 21, and 22 and for housing Ex components and terminals.
- Manufactured from AISI 304L or AISI 316L stainless steel, with a satin polished surface finish.
- Large interior space that simplifies connection operations.
- Guaranteed anti-corrosion protection.
- High safety and resistance in the most aggressive environments.
- Monobloc design that achieves perfect sealing and impact resistance.
- Pre-assembled body and door.
- Double-bit quarter-turn locks and hinges manufactured from stainless steel. Other locks available upon request.
- Possible accessories: eyebolts, plinth (base), perforated plates, cable gland plates, DIN rail.

# SEISMIC-PROOF ATEX ENCLOSURE

## SEISCOREXSERIES IP66

### TURNKEY PROJECTS

**Options available** include sizes, colours, types of connection among others. As we have a close relationship with the main **Atex & IECEx certified** companies in our field, we achieve total adaptability and flexibility being **manufacturers**



### NORMS AND CERTIFICATES

- II2G Ex e IIC Gb and II2D Ex tb IIIC Db IP66 according to directive 94/9/CE and standard EN IEC 60079-0, EN 60079-7, EN 60079-31 and EN 61241-1
- IP66 protection according to EN 60529
- Maximum IK10 resistance, Norm IEC 62262
- Certificate LOM I4ATEX3026U
- Certificate UL Nema 4x, I2, 3r and I (on request). N°File E342220
- Polyurethane gasket:  $-25^{\circ}\text{C} < \text{Ta} < 80^{\circ}\text{C}$
- Silicone sponge gasket:  $-45^{\circ}\text{C} < \text{Ta} < 135^{\circ}\text{C}$
- Silicone foam gasket:  $-45^{\circ}\text{C} < \text{Ta} < 155^{\circ}\text{C}$

### SEISMIC REGULATIONS

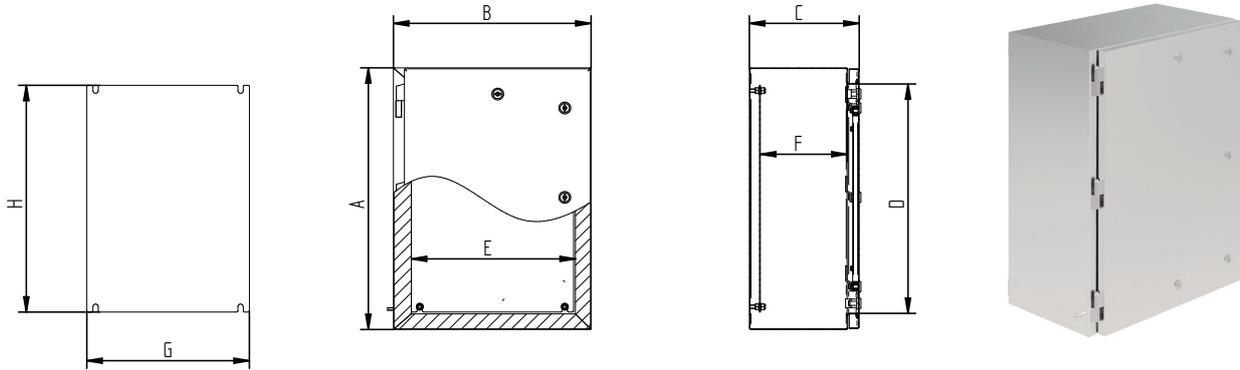
- NEBS GR-63-CORE
- United States (ASCE 7)
- European (EN 1998 - Eurocode 8)



# SEISMIC-PROOF ATEX ENCLOSURE

## SEISCOREX SERIES IP66

### PLANS AND REFERENCES ONE DOOR

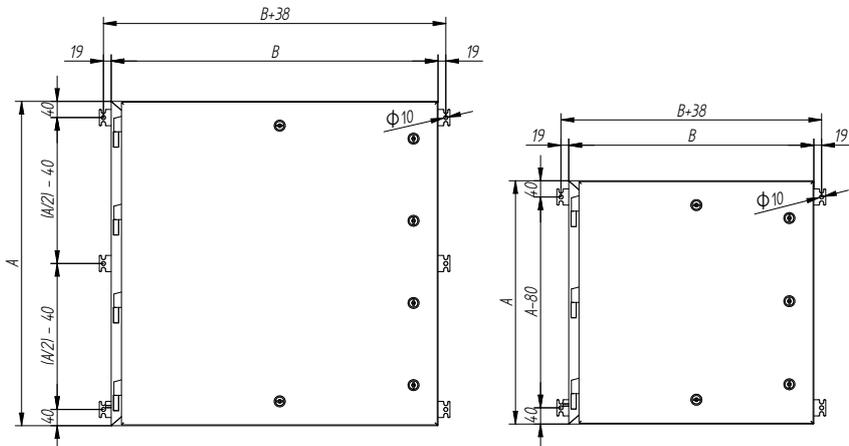


INCREASED SAFETY ENCLOSURE LUXOREX SEISCOREx(mm)							
REFERENCES	HEIGHT (A)	WIDTH (B)	DEPTH (C)	ACCESS POINT -DxE-	INTERNAL FUND USEFUL -F-	PANEL MEASURES -HXG-	WEIGHT (Kg)
LX302015EX	300	200	150	226x121	125	204x100	16,65
LX403020EX	400	300	200	326x221	125	304x200	22,68
LX504020EX	500	400	200	426x321	180	404x300	28,57
LX605025EX	600	500	250	526x421	180	504x400	35,12
LX606030EX	600	600	300	526x521	180	504x500	41,51
LX705030EX	700	500	300	626x421	180	604x400	45,2
LX804030EX	800	400	300	726x321	180	704x300	51,55
LX806040EX	800	600	400	726x521	180	704x500	58,74
LX808040EX	800	800	400	726x721	180	704x700	61,88
LX801050EX	800	1000	500	726x921	180	704x900	74,65
LX104050EX	1000	400	500	926x321	270	904x300	70,35
LX106060EX	1000	600	600	926x521	270	904x500	75,5
LX108060EX	1000	800	600	926x721	270	904x700	78,69
LX101080EX	1000	1000	800	926x921	270	904x900	84,47
LX121010EX	1200	1000	1000	1126x921	270	1104x900	90,17

UL Version.: Add "UL" to the reference. Ex. "LX121060EXUL"

The dimensions indicated are approximate. Enclosures can be manufactured in any size upon request. They can be constructed with a thickness of up to 4 mm. Bottom plate separation 20 mm.

### WALL MOUNTING BRACKETS



BRACKETS IN LUXOREX		
A	4 BRACKETS	6 BRACKETS
<800	x	
=800		x
>800		x

(x) = 30, 40-50-60-70-80-90-10 for a depth 300, 400, 500, 600, 700, 800, 900 or 1000mm. We can manufacture till 4mm thickness. Separation depth plate 20mm.

# 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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**Contact us, we will be available at any time**