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ATEX SEISMIC-PROOF JUNCTION BOX SEISSCORE_x SERIES IP66



· WE ARE ·
MANUFACTURERS
CERTIFIED

Delvalle, wide experience in manufacturing solutions for hazardous area



WE PUT AT YOUR DISPOSAL

We offer over **45 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%
*Entirely designed
and manufactured
in Europe*



CONTACT US

Confidentiality, reliability & quality

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ALSO ONLINE



Please contact our technical sales department.

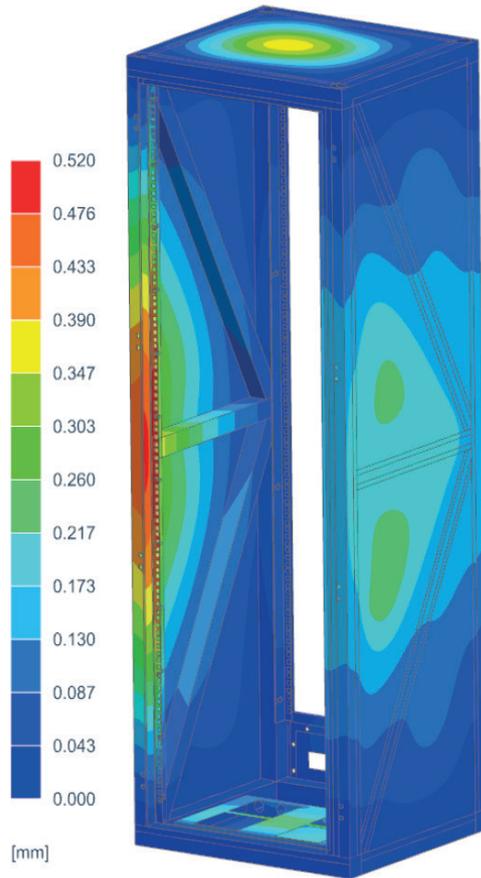
A team of professionals with high experience and ability to solve all your queries.





Zones 1, 2, 21 and 22

SEISCORE_x SERIES IP66

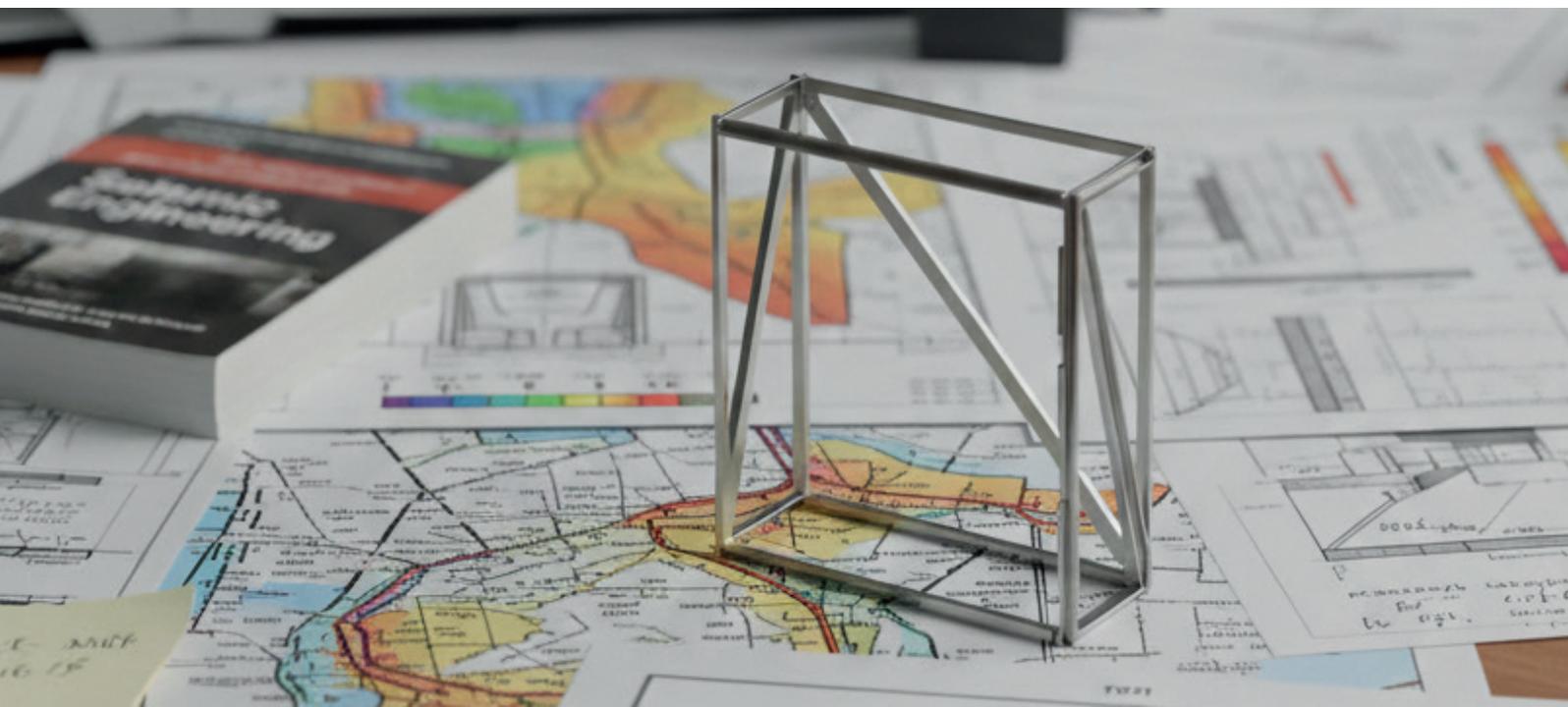


➔ [FOR MORE INFORMATION CLICK HERE](#)

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

ATEX SEISMIC-PROOF JUCTION BOX

SEISCORE_x SERIES IP66

Total Safety Against Vibrations and Seismic Movements



Example

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

This range is designed to fulfil a critical function in the installation:
to ensure the integrity of electrical connections even during and after a seismic event, preventing disconnections, insulation failures or leaks that could compromise the safety of the entire installation.

These are not simple reinforced junction boxes. They are industrial enclosures developed from their structural design to withstand seismic accelerations, continuous vibrations and dynamic impacts, preserving mechanical integrity, IP66 sealing, dimensional stability, electrical safety and regulatory compliance.



[FOR MORE INFORMATION CLICK HERE](#)



ATEX SEISMIC-PROOF JUCTION BOX

SEISCORE_x SERIES IP66

APPLICATIONS

Particularly suitable for installations located in:

- Installations located in active seismic zones
- Plants with permanent structural vibrations
- 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 brackets available on request.
- Specific design in accordance with the seismic acceleration of the location.



FEATURES

- Certified according to seismic standards IEC 60068-3-3 / EN 1998.
- Reinforced monobloc construction with internal stiffeners.
- Suitable for wall installation or anti-seismic racks.
- Manufactured in AISI 304L or AISI 316L stainless steel with a satin-polished finish.
- Designed for use in Zones 1, 2, 21 and 22, and to house Ex components and terminals.
- Large internal space simplifies wiring operations.
- Guaranteed anti-corrosion protection.
- High safety and resistance in the most aggressive environments.
- Monobloc construction ensures perfect sealing and impact resistance.
- Pre-assembled body and door.
- Grounding insert for external connection.
- AISI 316L stainless steel screws.
- Optional hinges to hold the cover.
- Optional double access (front and rear door).

ATEX SEISMIC-PROOF JUCTION BOX

SEISCORE_x SERIES 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 eb IIC Gb and II2D Ex tb IIIC Db IP66 according to directive 94/9/CE and standard EN 60079-0, EN 60079-7, EN 60079-31
- Certificate LOM I4ATEX3028U
- IP66 protection according to EN 60529
- Maximum IK10 resistance, Norm IEC 62262
- Certificate UL Nema 4x, 12, 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: $-45^{\circ}\text{C} < \text{Ta} < 155^{\circ}\text{C}$
- LDPE hinge, plugs -25° to $\leq 60^{\circ}\text{C}$

SEISMIC REGULATIONS

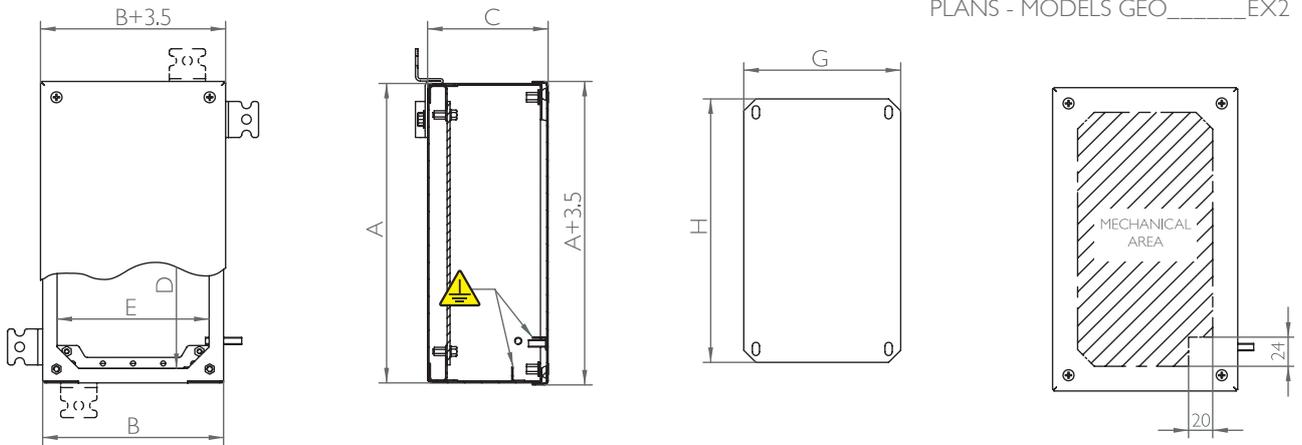
- NEBS GR-63-CORE
- United States (ASCE 7)
- European (EN 1998 - Eurocode 8)



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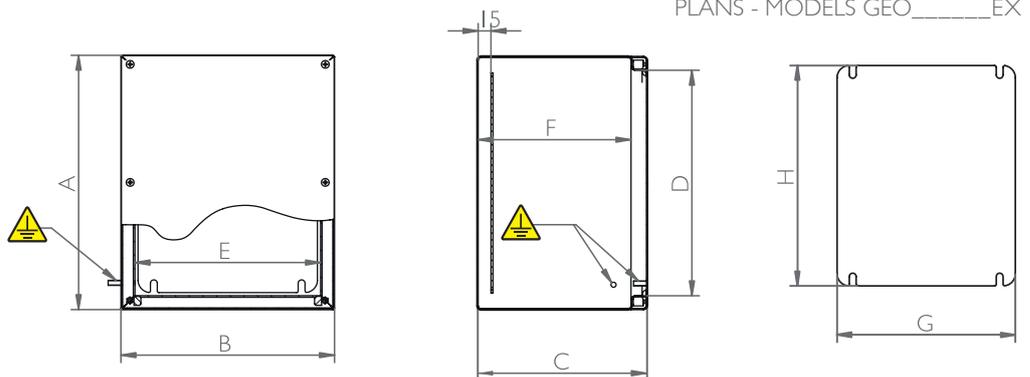
PLANS AND REFERENCES



GEOEX SEISCOREX IP66 ATEX JUCTION BOX DIMENSIONS (mm)								
REFERENCES	HEIGHT -A-	WIDTH -B-	DEPTH -C-	HIGH INTERIOR USEFUL -D-	INTERNAL WIDTH USEFUL -E-	INTERNAL FUND USEFUL -F-	PANEL MEASURES -HxG-	WEIGHT (Kg)
GEO209080EX2	200	90	80	176	66	55	170x70	16,65
GEO269012EX2	260	90	120	236	66	95	230x70	22,68
GEO289080EX2	280	90	80	256	66	55	250x70	28,57
GEO161612EX2	160	160	120	136	136	95	130x140	35,12
GEO202012EX2	200	200	120	176	176	95	100x180	41,51
GEO202515EX2	200	250	150	176	226	125	100x154	45,2
GEO252515EX2	250	250	150	226	226	125	150x154	51,55
GEO303015EX2	300	300	150	276	276	125	200x204	58,74
GEO304015EX2	300	400	150	276	376	125	200x304	61,88
GEO404015EX2	400	400	150	376	376	125	300x304	74,65
GEO606040EX	600	600	400	549,6	549,6	381,4	500x504	70,35
GEO808040EX	800	800	400	749,6	749,6	381,4	700x704	75,5
GEO101050EX	1000	1000	500	949,6	949,6	481,4	900x904	78,69
GEO101080EX	1000	1000	800	949,6	949,6	781,4	900x904	84,47
GEO101010EX	1000	1000	1000	946,6	949,6	981,4	900x904	90,17
UL Version	Add "UL" to the reference. Ex. "GEO101010EXUL"							

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.

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.



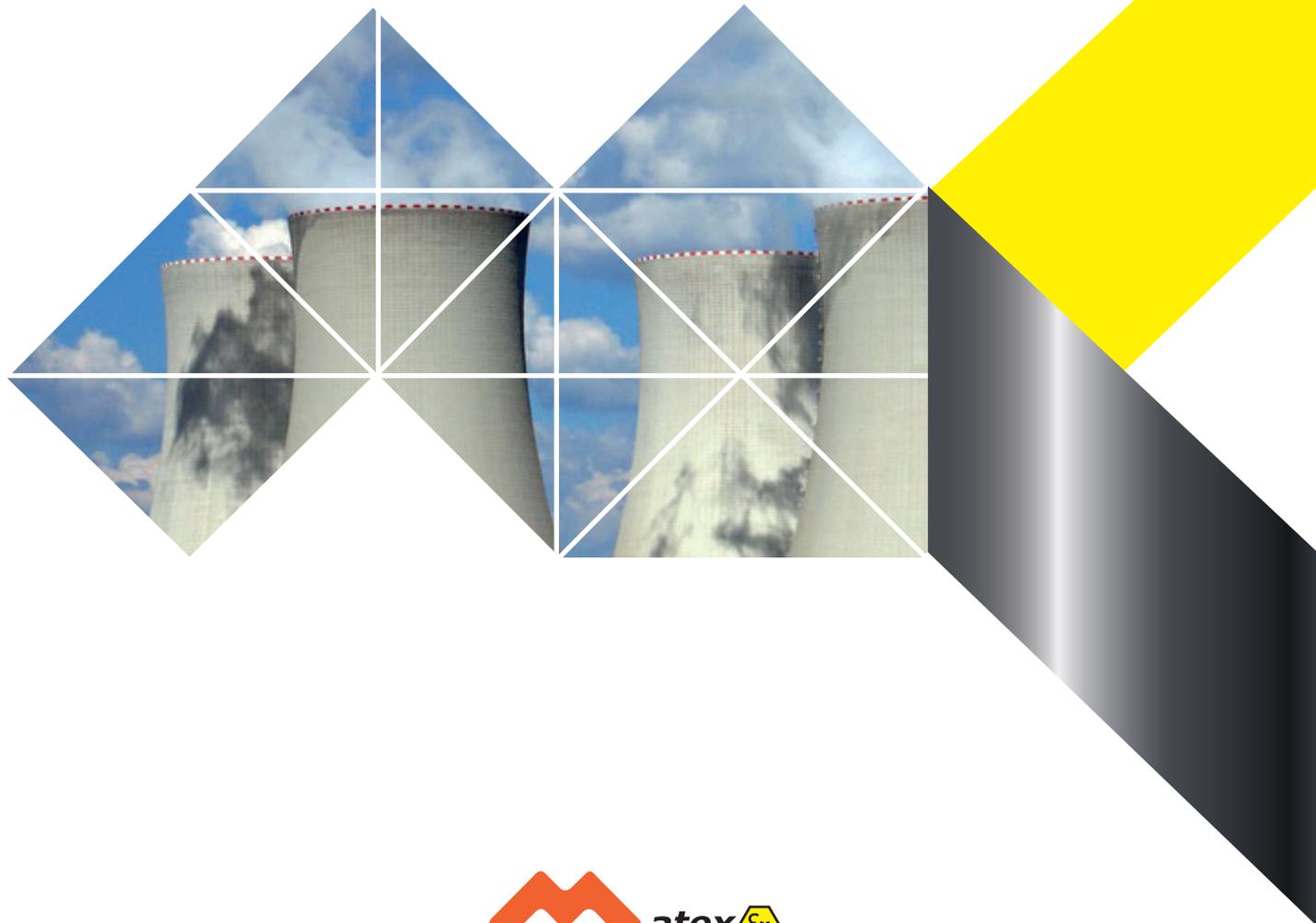
ENCLOSURES FOR CORROSION ENVIRONMENTS

PRESSURIZED PANELS & ATEX PURGE





HAZARDOUS AREA SOLUTIONS ATEX E IECEx



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Contact us, we will be available at any time