



atex@atexdelvalle.com | www.atexdelvalle.com

# ATEX JUNCTION BOX

## GEOEX SERIES

IP66



10  
YEARS

STAINLESS  
ANTICORROSIVE  
GUARANTEE

5  
YEARS

MECHANICAL PARTS  
GUARANTEE



• WE ARE •  
**MANUFACTURERS**  
CERTIFIED

2.21

# **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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[atex@atexdelvalle.com](mailto:atex@atexdelvalle.com)  
+34 945 601 381

ALSO ONLINE

**Please contact our technical sales department.**

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





Zones I, 2, 21 and 22

# ATEX JUNCTION BOX

## GEOEX SERIES

IP66



Example

### Anticorrosion Protection Guaranteed

The increased-safety IP66 Geoex junction box is made in either AISI 304L or 316L stainless steel.

Certified to be used in zones I, 2, 21 & 22, it is greatly valued for its high security and resistance even in the harshest environments. We can make it to any dimension required by our customers, up to a maximum size of 1000 x 1000 x 1000 mm.



**FOR MORE INFORMATION CLICK HERE**

## TECHNICAL FEATURES

- Made of stainless steel AISI 304L or AISI 316L and with a polished glossy surface finish.
- For use it in zones I, 2, 21 and 22 and to place Ex components terminals.
- Spacious interior that simplifies connection operations.
- Guaranteed anticorrosion protection.
- Safe and resistant in hard and aggressive environments.
- Monobloc shape giving perfect sealing and impact resistance.
- Pre-assembled body and door.
- Mass inserted allowing with external connection.
- Quarter-turn double-bit locks and stainless steel hinges.
- Possible accessories: eyebolts, baseboards, perforated plates, cable gland caps, DIN rails,...
- Option double access (both front and rear doors).
- Wall mounting brackets.

# ATEX JUNCTION BOX **GEOEX SERIES** IP66

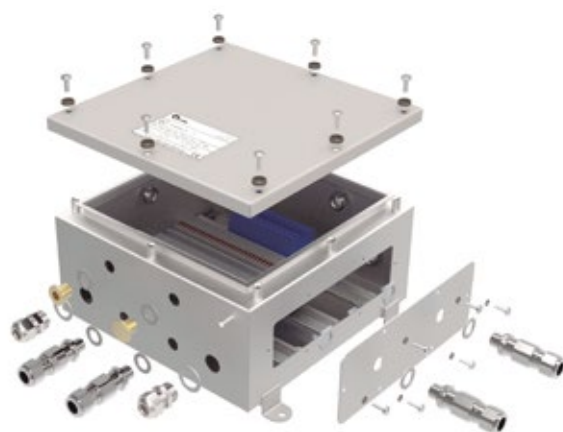
## TURNKEY PROJECTS

**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**



## OPTIONS

- Available up to IP67 or IP68.
- Double access (both front and rear doors).
- Wall mounting brackets.
- Option painted galvanized steel finish.



## NORMATIVE

- 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, 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:  $-45^{\circ}\text{C} < \text{Ta} < 155^{\circ}\text{C}$ .
- LDPE hinge, plugs  $-25^{\circ}$  to  $\leq 60^{\circ}\text{C}$ .

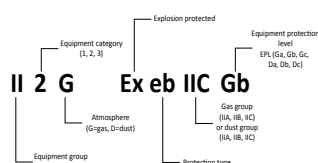
## CE CERTIFICATES

HAZARDOUS AREA SOLUTIONS

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Oyón, 01320 (Spain)  
atex@atexdelvalle.com

Type: GEO605030EX      Serial nr: PV2122-00213-1A  
163 Ex      Year: 2021  
II 2G Ex eb IIC Gb       $-25^{\circ}\text{C} < \text{Ta} < +60^{\circ}\text{C}$   
II 2D Ex tb IIIC Db IP66      LOM 14 ATEX 3028 U

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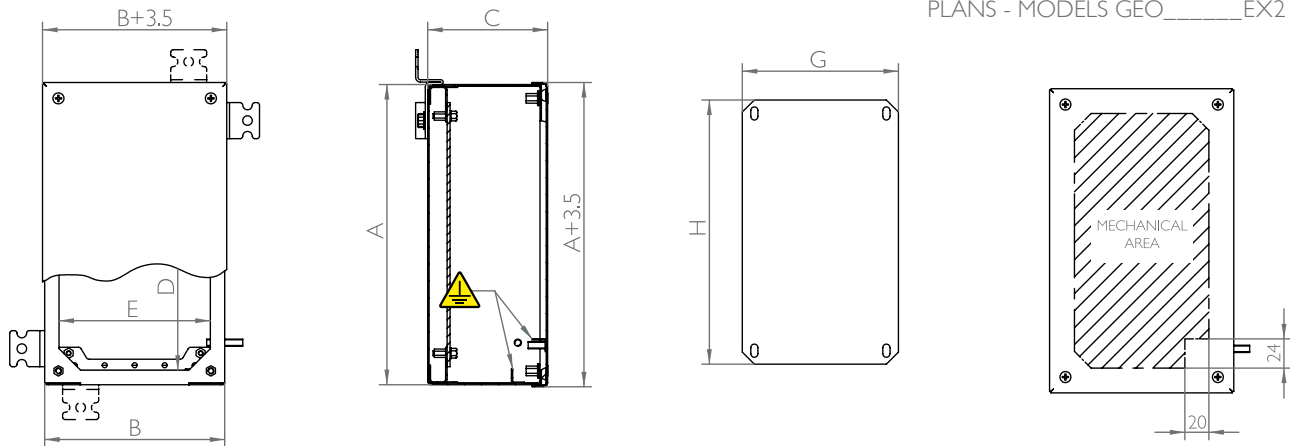
HAZARDOUS AREA SOLUTIONS

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Oyón, 01320 (Spain)  
atex@atexdelvalle.com

Type: GEO302015EX2      Serial nr: PV2122-00215-1A  
163 Ex      Year: 2021  
II 2G Ex eb IIC Gb       $-25^{\circ}\text{C} < \text{Ta} < +60^{\circ}\text{C}$   
II 2D Ex tb IIIC Db IP66      LOM 14 ATEX 3028 U

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## PLANS AND REFERENCES



GEOEX IP66 ATEX JUNCTION BOX DIMENSIONS (mm)

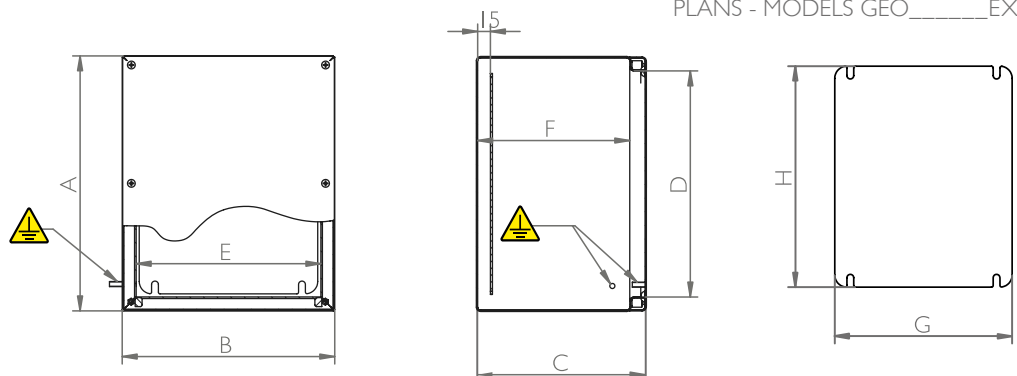
| REFERENCES   | HEIGHT<br>-A- | WIDTH<br>-B- | DEPTH<br>-C- | HIGH<br>INTERIOR<br>USEFUL<br>-D- | INTERNAL<br>WIDTH<br>USEFUL<br>-E- | INTERNAL<br>FUND<br>USEFUL<br>-F- | LATERAL AREA<br>MACHINABILITY |           | PANEL<br>MEASURES<br>-GxH- | WEIGHT<br>(Kg) | VOLUME<br>(m³) |
|--------------|---------------|--------------|--------------|-----------------------------------|------------------------------------|-----------------------------------|-------------------------------|-----------|----------------------------|----------------|----------------|
|              |               |              |              |                                   |                                    |                                   | DOOR                          | SIDE      |                            |                |                |
| GEO909080EX2 | 90            | 90           | 80           | 66                                | 66                                 | 55                                | 48x48                         | 70x30     |                            | 0,68           | 0,001          |
| GEO149080EX2 | 140           | 90           | 80           | 116                               | 66                                 | 55                                | 98x48                         | 120x30    | 110x70                     | 0,92           | 0,001          |
| GEO209080EX2 | 200           | 90           | 80           | 176                               | 66                                 | 55                                | 158x48                        | 180x30    | 170x70                     | 1,2            | 0,002          |
| GEO269012EX2 | 260           | 90           | 120          | 236                               | 66                                 | 95                                | 218x48                        | 240x70    | 230x70                     | 1,75           | 0,004          |
| GEO289080EX2 | 280           | 90           | 80           | 256                               | 66                                 | 55                                | 328x48                        | 260x30    | 250x70                     | 1,6            | 0,002          |
| GEO101612EX2 | 100           | 160          | 120          | 76                                | 136                                | 95                                | 58x118                        | 80x70     | 70x140                     | 1,29           | 0,003          |
| GEO161612EX2 | 160           | 160          | 120          | 136                               | 136                                | 95                                | 118x118                       | 140x70    | 130x140                    | 1,81           | 0,004          |
| GEO202012EX2 | 200           | 200          | 120          | 176                               | 176                                | 95                                | 158x158                       | 180x70    | 170x180                    | 2,53           | 0,006          |
| GEO202515EX2 | 200           | 250          | 150          | 176                               | 226                                | 125                               | 158x208                       | 180x100   | 170x230                    | 3,25           | 0,009          |
| GEO252515EX2 | 250           | 250          | 150          | 226                               | 226                                | 125                               | 208x208                       | 230x100   | 220x230                    | 3,87           | 0,012          |
| GEO203015EX2 | 200           | 300          | 150          | 176                               | 276                                | 125                               | 158x258                       | 180x100   | 170x280                    | 3,75           | 0,011          |
| GEO303015EX2 | 300           | 300          | 150          | 276                               | 276                                | 125                               | 258x258                       | 280x100   | 270x280                    | 5,16           | 0,016          |
| GEO304015EX2 | 300           | 400          | 150          | 276                               | 376                                | 125                               | 258x358                       | 280x100   | 270x380                    | 6,64           | 0,022          |
| GEO404015EX2 | 400           | 400          | 150          | 376                               | 376                                | 125                               | 358x358                       | 380x100   | 370x380                    | 8,41           | 0,028          |
| GEO606040EX  | 600           | 600          | 400          | 549,6                             | 549,6                              | 381,4                             | 536x536                       | 570x353,8 | 544x544                    | 22,05          | 0,171          |
| GEO808040EX  | 800           | 800          | 400          | 749,6                             | 749,6                              | 381,4                             | 673x673                       | 770x353,8 | 744x744                    | 36,39          | 0,296          |
| GEO101050EX  | 1000          | 1000         | 500          | 949,6                             | 949,6                              | 481,4                             | 873x873                       | 970x453,8 | 944x944                    | 64,16          | 0,562          |
| GEO101070EX  | 1000          | 1000         | 700          | 949,6                             | 949,6                              | 681,4                             | 873x873                       | 970x653,8 | 944x945                    | 76             | 0,774          |
| GEO101080EX  | 1000          | 1000         | 800          | 949,6                             | 949,6                              | 781,4                             | 873x873                       | 970x753,8 | 944x946                    | 80             | 0,880          |
| GEO101010EX  | 1000          | 1000         | 1000         | 946,6                             | 949,6                              | 981,4                             | 873x873                       | 970x953,8 | 944x947                    | 90             | 1,093          |

Versión: Normativa UL

Añadir "UL" a la referencia. Ej. "GEO101010EXUL"

Separation depth plate 20mm

PLANS - MODELS GEO\_\_\_\_\_EX







# CABLE ENTRY COVER **ATEX** IP65

Our ATEX cable trays keep IP65 protection (minimum).

An ideal complement when we do not know in advance the number of holes or glands to be fixed on the cabinet.

CUSTOM  
MANUFACTURE

(Drilling holes for the placement of cable glands, plugs...)

Cable entry cover, Luxorex, Tribex and Geoex models.

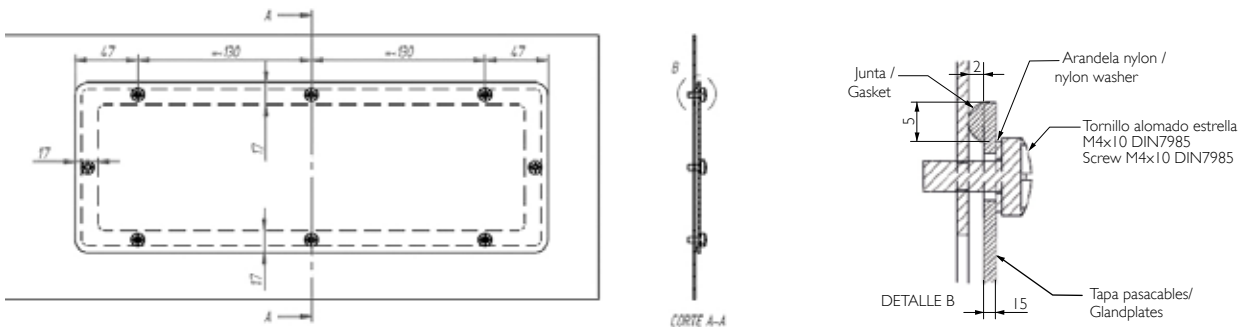


# CABLE ENTRY COVER **ATEX** IP65

## CHARACTERISTICS

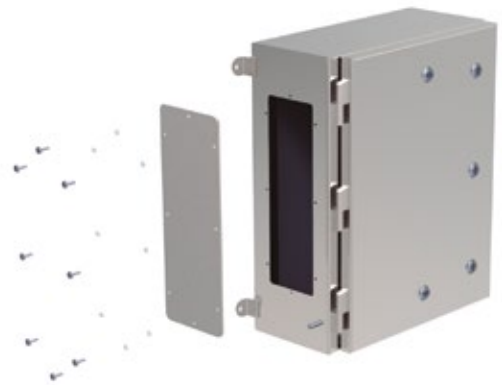
- Made in stainless steel.
- Custom-made: minimum size of 90mmx90mm and maximum size of 600mmx600mm (the widest range now available on the market).
- Thickness
- Two options: 1.5 mm and 3 mm.
- Certified Atex, Ex.
- Easy mounting with screws for easy drilling, keeping protection and Atex safety.

## BLUEPRINT AND DIMENSIONS



## REFERENCES

| REFERENCES | DIMENSIONS (mm) |              |              | MACHINING                   |
|------------|-----------------|--------------|--------------|-----------------------------|
| REFERENCES | HEIGHT<br>-A-   | WIDTH<br>-B- | DEPTH<br>-C- | MACHINABLE<br>AREA<br>(DxF) |
| TP909015EX | 90              | 90           | 1,5          | 56x56                       |
| TP909030EX | 90              | 90           | 3            | 56x56                       |
| TP149015EX | 140             | 90           | 1,5          | 106x56                      |
| TP149030EX | 140             | 90           | 3            | 106x56                      |
| TP259015EX | 250             | 90           | 1,5          | 216x56                      |
| TP259030EX | 250             | 90           | 3            | 216x56                      |
| TP351315EX | 350             | 130          | 1,5          | 316x56                      |
| TP351330EX | 350             | 130          | 3            | 316x56                      |
| TP503030EX | 500             | 300          | 3            | 466x266                     |
| TP504030EX | 500             | 400          | 3            | 466x366                     |
| TP606030EX | 600             | 600          | 3            | 566x566                     |



# 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.



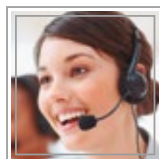
## ENCLOSURES FOR CORROSION ENVIRONMENTS

## PRESSURIZED PANELS & ATEX PURGE





**HAZARDOUS AREA SOLUTIONS ATEX E IECEx**



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