



HAZARDOUS AREA SOLUTIONS

atex@atexdelvalle.com | www.atexdelvalle.com

JUST READY TO INSTALL

PRE-INSTALLED ATEX JUNCTION BOX

TERBOX SERIES IP66



• WE ARE •
MANUFACTURERS
CERTIFIED



STOCK
Delivery Next Day



Certified and just
ready to install

2.22

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%
*Entirely designed
and manufactured
in Europe*



CONTACT US

Confidentiality, reliability & quality

www.atexdelvalle.com
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.

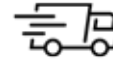




Zones 1, 2, 21 and 22

STOCK ATEX STAINLESS STEEL JUNCTION BOX

TERBOX SERIES IP66



STOCK
Delivery Next Day



**Certified and just
ready to install**

The terminal boxes Atex Terbox stainless steel terminals are pre-assembled with terminals and cable glands; standardized, certified and ready for installation in explosive or corrosive areas 1, 2, 21 and 22.

Its characteristic design makes it, a sturdy, anti-corrosion, IP66 waterproof Atex case with preassembled 8 terminals and 4 stopping plugs M20.

We deliver the terminal box with terminals installed and final certified, ready for placement and in stock for delivery so you do not have to worry about anything.

CE Marking: II2G Ex eb IIC Gb - II2D Ex tb IIIC Db IP66.



FEATURES

- Atex boxes made of stainless steel AISI 304L, robust and anticorrosive, represent our most solvent bet due to its functionality, design and sealing to incorporate all types of Ex terminals.
- Incorporated in the inside 8 screw terminals and 4 stopping plugs M20.
- Access to the inside is facilitated thanks to the fastening of the cover with easy-to-install screws.
- Subject to the stringent tests prescribed in IEC 60079-7 in the premises of a Notified Body.
- External grounding of metric M6.
- Thickness 1.2mm (depending on boxes).
- Zones 1, 2, 21 and 22 can be used in areas subject to explosion hazards and to be installed in Ex-components and terminals.
- Certified CE, Atex and IECEx.



ADVANTAGES

- In stock, delivery time of 24 hours.
- Certified and just ready to install.
- Mount included.
- The access to the interior is facilitated thanks to the fixing of the cover with screws of easy placement.
- Marine water resistant (option AISI 316L).



TYPE OF PROTECTION

This Atex terminal box is certified for use in potentially explosive atmospheres in zones 1, 2, 21 and 22 and may be used with an extended safety protection mode "Ex e" including increased safety connection terminals or with mode Protection "Ex t".

- Empty Envelope Certified:
LOM I4ATEX3028U
- Terbox Certified:
LOM I4ATEX2082
- Quality certificate:
LOM I4ATEX9050
- II 2G Ex eb IICT6 / T5 Gb
- II 2D Ex tb IIIC T85 ° C / 100 ° C Db
- Degree of resistance against impact IK10.
- IP66 protection,

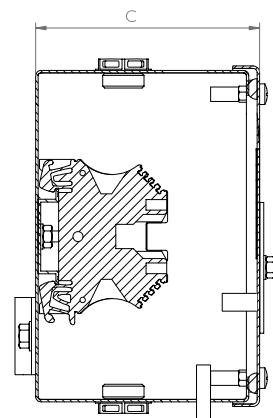
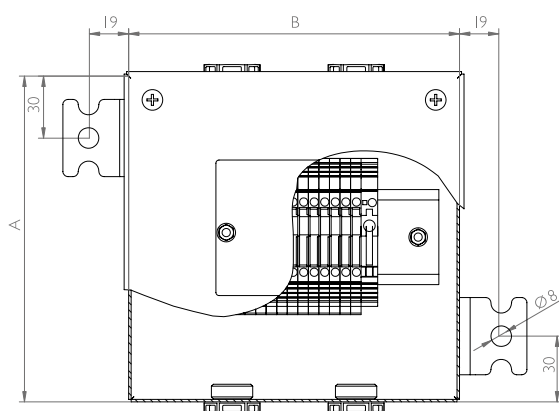
NORMATIVE

All explosion protection solutions manufactured by Atex Delvalle comply with Ex Atex, IECEx and UL certifications.

They have undergone tests to verify their viability and technical solvency.

- Agreement with our Atex certificates for empty envelopes:
 - II2G Ex e IIC Gb
 - II2D Ex tb IIIC Db IP66
- Agreement with our certificates for boxes with terminals:
 - II2G Ex e IIC T6/5 Gb
 - II2D Ex tb IIIC T85/100°C Db IP66
- Degree of protection IP66 according to IEC 60529.
- Complies with IP Anticorrosion Standard (x) 66.
- Degree of IK10 according to IEC 62262.
- Approved by Directive 2014/34/EU.
- EN 60079-0:2012
- EN 60079-7:2015
- EN 60079-31:2014
- Working temperature (ambient) -25° a +60°C.
- Voltage range: max. 1100V and current range: max. 350A (depending on the types of terminals and Ex components used).

PLANS



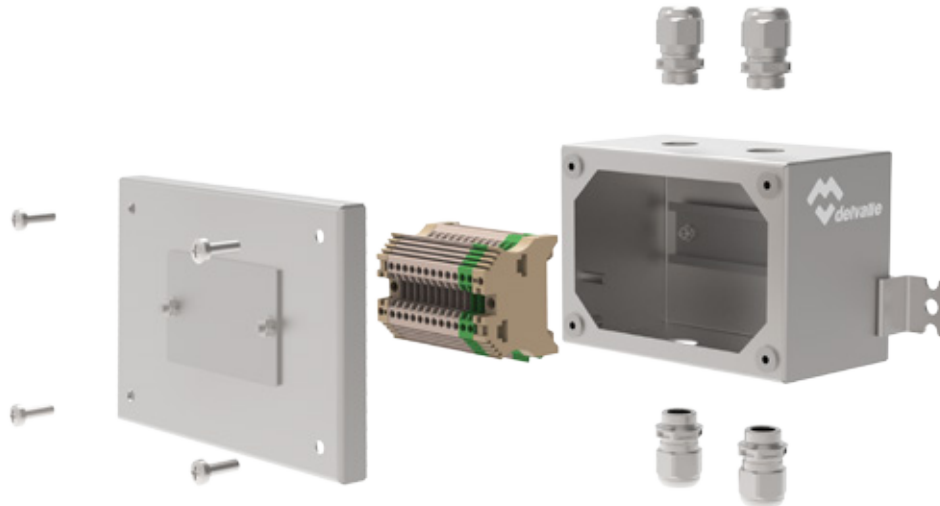
REFERENCE

| REFERENCE | DIMENSIONS (mm) | | | | | HOLES | |
|---|-----------------|-----------|-----------|-----------------|------------------|----------------|--------|
| STOCK ATEX STAINLESS STEEL JUNCTION BOX - TERBOX SERIES | MEASURES (mm) | | | N° OF TERMINALS | | STOPPING PLUGS | |
| | HEIGHT -A- | WIDHT -B- | DEPTH -C- | TERMINALS | GROUND TERMINALS | UNIT | METRIC |
| GEOTB121290EX002 | 125 | 125 | 90 | 8 | 1 | 4 | M20 |



Zones I, 2, 21 and 22

PRE-INSTALLED ATEX JUNCTION BOX OF STAINLESS STEEL TERBOX SERIES IP66



5
YEARS

MECHANICAL PARTS
GUARANTEE



Certified and just
ready to install

10
YEARS

STAINLESS
ANTICORROSIVE
GUARANTEE

The terminal boxes Atex Terbox stainless steel terminals are pre-assembled with terminals and cable glands; standardized, certified and ready for installation in explosive or corrosive areas I, 2, 21 and 22.

Its characteristic design makes it, a sturdy, anti-corrosion, IP66 waterproof Atex case with preassembled terminals and cable glands or plugs to choose from in stainless steel, nickel plated brass or plastic.

Atex & IECEx certified and ready for use in explosive atmospheres zones I, 2, 21 and 22, are robust and anti-corrosive. We deliver the terminal box with terminals installed on numbered DIN rail, with their glands mounted (material to be chosen) and final certified, ready for placement and in stock for delivery so you do not have to worry about anything.

CE Marking: II2G Ex eb IIC Gb - II2D Ex tb IIIC Db IP66.



FEATURES

- Pre-assembled Atex boxes made of stainless steel AISI 304L, robust and anticorrosive, represent our most solvent bet due to its functionality, design and sealing to incorporate all types of Ex terminals.
- Incorporated in the inside 8, 15 or 20 screw terminals (2,5 mm²) mounted on DIN rail.
- Zones I, 2, 21 and 22 can be used in areas subject to explosion hazards and to be installed in Ex-components and terminals.
- Certified CE, Atex and IECEx.
- Access to the inside is facilitated thanks to the fastening of the cover with easy-to-install screws.
- Subject to the stringent tests prescribed in IEC 60079-7 in the premises of a Notified Body.
- External grounding of metric M6.
- Thickness 1.2mm (depending on boxes).



MECHANICAL PARTS
GUARANTEE



STAINLESS
ANTICORROSIVE
GUARANTEE



ADVANTAGES

- Unbeatable delivery time.
- Save time and cost savings.
- Just ready to install.
- Inputs and outputs can be defined based on project needs.
- The access to the interior is facilitated thanks to the fixing of the cover with screws of easy placement.
- Option incorporated 8, 15 or 20 screw terminals.

OPTIONS

- Possibility to choose the material of stuffing box: stainless steel, brass, polyester,... As well as the type of cable: armed or unarmed or plugs.
- Marine water resistant (AISI 316L).

TYPE OF PROTECTION

This Atex terminal box is certified for use in potentially explosive atmospheres in zones 1, 2, 21 and 22 and may be used with an extended safety protection mode "Ex e" including increased safety connection terminals or with mode Protection "Ex t".

- Empty Envelope Certified:
LOM I4ATEX3028U
- Terbox Certified:
LOM I4ATEX2082
- Quality certificate:
LOM I4ATEX9050
- II 2G Ex eb IICT6 / T5 Gb
- II 2D Ex tb IIIC T85 ° C / 100 ° C Db
- Degree of resistance against impact IK10.
- IP66 protection.



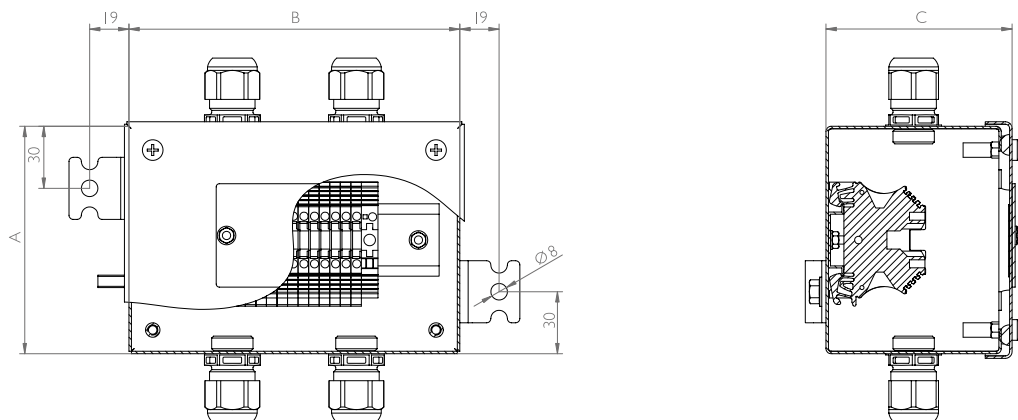
NORMATIVE

All explosion protection solutions manufactured by Atex Delvalle comply with Ex Atex, IECEx and UL certifications.

They have undergone tests to verify their viability and technical solvency.

- Agreement with our Atex certificates for empty envelopes:
 - II2G Ex e IIC Gb
 - II2D Ex tb IIIC Db IP66
- Agreement with our certificates for boxes with terminals:
 - II2G Ex e IIC T6/5 Gb
 - II2D Ex tb IIIC T85/100°C Db IP66
- Degree of protection IP66 according to IEC 60529.
- Complies with IP Anticorrosion Standard (x) 66.
- Degree of IK10 according to IEC 62262.
- Approved by Directive 2014/34/EU.
- EN 60079-0:2012
- EN 60079-7:2015
- EN 60079-31:2014
- Working temperature (ambient) -25° a +60°C.
- Voltage range: max. 1100V and current range: max. 350A (depending on the types of terminals and Ex components used).

PLANS



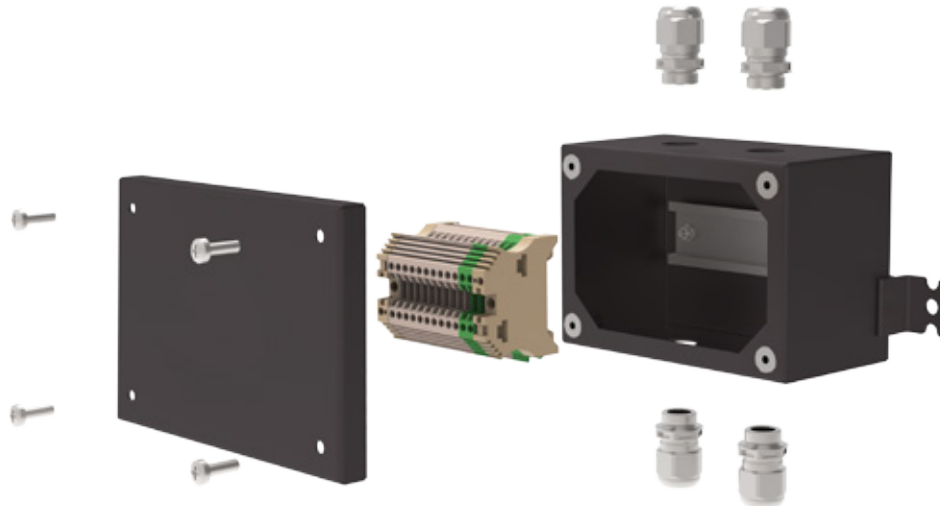
REFERENCES

| REFERENCES | DIMENSIONS (mm) | | | | |
|--|-----------------|-----------|-----------|----------------|-------------------|
| PRE-INSTALLED ATEX JUNCTION BOX OF STAINLESS STEEL - TERBOX SERIES | MEASURES (mm) | | | N° DETERMINALS | |
| | HEIGHT -A- | WIDTH -B- | DEPTH -C- | TERMINALS | GROUNDS TERMINALS |
| GEOTB121290EX001 | 125 | 125 | 90 | 8 | 1 |
| GEOTB131890EX001 | 180 | 130 | 90 | 15 | 1 |
| GEOTB142290EX001 | 220 | 140 | 90 | 20 | 1 |



Zones I, 2, 21 and 22

PRE-INSTALLED ATEX JUNCTION BOX OF GALVANIZED STEEL **TERBOX SERIES** IP66



Certified and just ready to install



MECHANICAL PARTS
GUARANTEE

The terminal boxes Atex Terbox galvanized steel terminals are pre-assembled with terminals and cable glands; standardized, certified and ready for installation in explosive or corrosive areas I, 2, 21 and 22.

They have a rugged, anti-corrosion system and finished, painted galvanized steel surface finish in RAL 9005.

We deliver the terminal box with terminals installed on numbered DIN rail, with their glands mounted (material to be chosen) and final certified, ready for placement and in stock for delivery so you do not have to worry about anything.

CE Marking: II2G Ex eb IIC Gb - II2D Ex tb IIIC Db IP66.

FEATURES

- Pre-installed Atex boxes made of painted galvanized steel surface finish in RAL 9005, robust and anticorrosive, represent our most solvent bet due to its functionality, design and sealing to incorporate all types of Ex terminals.
- Access to the inside is facilitated thanks to the fastening of the cover with easy-to-install screws.
- Incorporated in the inside 8, 15 or 20 screw terminals (2,5 mm²) mounted on DIN rail.
- Access to the inside is facilitated thanks to the fastening of the cover with easy-to-install screws.
- Subject to the stringent tests prescribed in IEC 60079-7 in the premises of a Notified Body.
- Zones I, 2, 21 and 22 can be used in areas subject to explosion hazardous and to be installed in Ex-components and terminals.
- Certified IECEx, Atex and UL



ADVANTAGES

- Unbeatable delivery time.
- Save time and cost savings.
- Just ready to install.
- Inputs and outputs can be defined based on project needs.
- Made of painted galvanized steel surface finish in RAL 9005
- Zones I, 2, 21 and 22 can be used in areas subject to explosion hazardous.
- Certified IECEx, Atex and UL



MECHANICAL PARTS
GUARANTEE

CABLE GLANDS EX D/E

Cable glands Atex made by Delvalle are used for passing, holding and compressing cables between two compartments, such as junction boxes, cabinets, electrical boxes or devices requiring sealing against dust, dirt or water.

- Cable glands Atex polyamide.
- Cable glands nickel-plated.
- Cable glands unarmoured.
- Cable glands stainless steel AISI 303 / AISI 316.
- Barrier cable glands.
- Plugs polyamide, nickel-plated and stainless steel.
- Ex air vent plug breather and drainage valves.



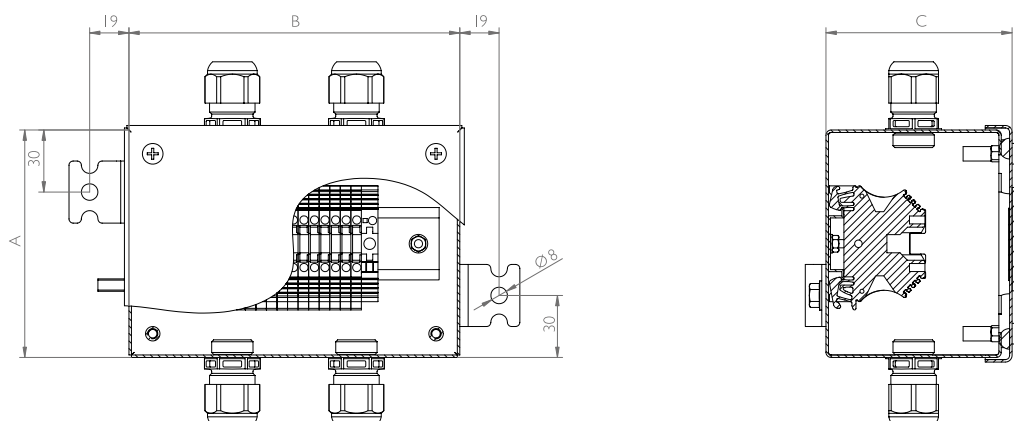
NORMATIVE

All explosion protection solutions manufactured by Atex Delvalle comply with IECEx, Atex and UL certifications.

They have undergone tests to verify their viability and technical solvency.

- Certificates number:
 - LOM I4ATEX2082
 - IECEx LOM I8.000IX
- Type protection:
 - II2G Ex d e II...T... Gb
 - II2G Ex e mb II..T.. Gb
 - II2G Ex d e mb II...T... Gb
 - II2D Ex t III...T...°C Db
 - III/2G Ex ia/ib II*T6 Ga/Gb
 - III/2D Ex ia/ib IICT85°C Da/Db
- Standard:
 - Directive 2014/34/UE
 - EN 60079-0:2012
 - EN 60079-7:2007
 - EN 60079-31:2014
 - IEC 60079-0:2011
 - IEC 60079-7:2015
 - IEC 60079-31:2013
- Working temperature (ambient)
 - 25° a +60°C.
- Voltage range: max. 1100V and current range: max. 350A (depending on the types of terminals and Ex components used).

PLANS



REFERENCES

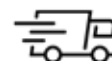
| REFERENCES | DIMENSIONS (mm) | | | | |
|-------------------|-----------------|--------------|--------------|----------------|----------------------|
| | MEASURES (mm) | | | N° DETERMINALS | |
| | HEIGHT -A- | WIDTH -B- | DEPTH -C- | TERMINALS | GROUNDS TERMINALS |
| GEOCSG12I290EX00I | 120 | 120 | 90 | 8 | 1 |
| GEOCSG18I290EX00I | 180 | 120 | 90 | 15 | 1 |
| GEOCSG22I490EX00I | 220 | 140 | 90 | 20 | 1 |



Zones 1, 2, 21 and 22

STOCK ATEX GRP JUNCTION BOX

TERBOX SERIES IP66



STOCK
Delivery Next Day



**Certified and just
ready to install**

Terminal box and GRP connections Atex Terbox is a fiberglass reinforced polyamide box ready for installation in explosive atmospheres 1, 2, 21 and 22.

Its characteristic design makes it, a sturdy, anti-corrosion, IP66 waterproof Atex case with preassembled 8 terminals and 4 stopping plugs M20.

We deliver the terminal box with terminals installed and final certified, ready for placement and in stock for delivery so you do not have to worry about anything.

CE Marking: II 2GD Ex db eb ib mb IICT5 Gb - Ex ib tb IIICT95°C Db.



FEATURES

- This preassembled terminal box is certified and ready for installation.
- Incorporated in the inside 8 screw terminals and 4 stopping plugs M20.
- Enclosure of black color made of polyester, reinforced resistant with glass fiber and provided with silicone gasket.
- Zones I, 2, 2I and 22 can be used in areas subject to explosion hazards and to be installed in Ex-components and terminals.
- Certified IECEx, Atex and TUV.



MECHANICAL PARTS
GUARANTEE

ADVANTAGES

- In stock, delivery time of 24 hours.
- Certified and just ready to install.
- Mount included.
- The access to the interior is facilitated thanks to the fixing of the cover with screws of easy placement.
- Inputs and outputs of cables are made using ATEX cable glands, which can be made of polyamide, nickel plated brass or stainless steel for corrosive areas (optionally).

CABLE GLANDS EX D/E

Cable glands ATEX made by Delvalle are used for passing, holding and compressing cables between two compartments, such as junction boxes, cabinets, electrical boxes or devices requiring sealing against dust, dirt or water.

- Cable glands ATEX polyamide.
- Cable glands nickel-plated.
- Cable glands unarmoured.
- Cable glands stainless steel AISI 303 / AISI 316.
- Barrier cable glands.
- Plugs polyamide, nickel-plated and stainless steel.
- Ex air vent plug breather and drainage valves.

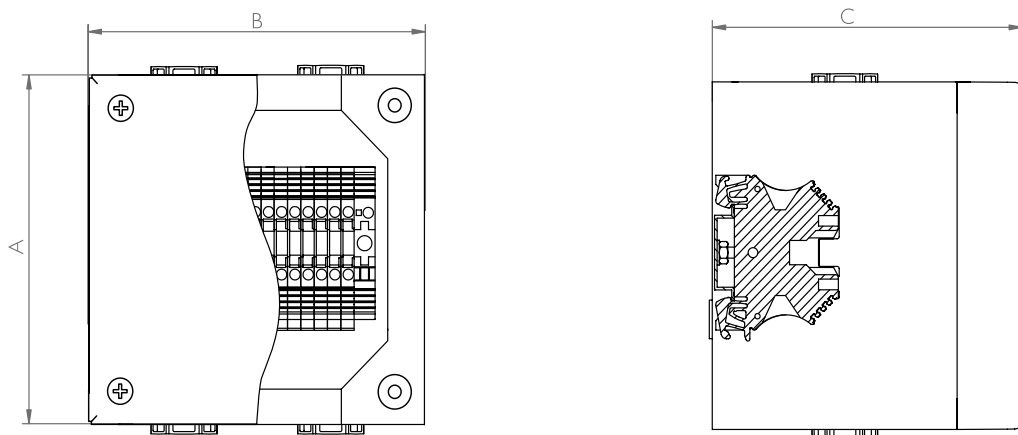
NORMATIVE

All explosion protection solutions manufactured by Atex Delvalle comply with Ex Atex, IECEx and TUV certifications.

They have undergone tests to verify their viability and technical solvency.

- Zones I, 2, 21 and 22
- Degree of protection IP65
- Certificates number:
 - IECEx CML I9.0088X
 - CML I9 ATEX 3303X
- Type protection:
 - II 2GD Ex db eb ib mb IICT5 Gb
 - Ex ib tb IIICT95°C Db
- Standard:
 - Directive 2014/34/EU
- Ambient temperature:
 - $-40^{\circ}\text{C} < T_a < +40/55^{\circ}\text{C}$

PLANS



REFERENCE

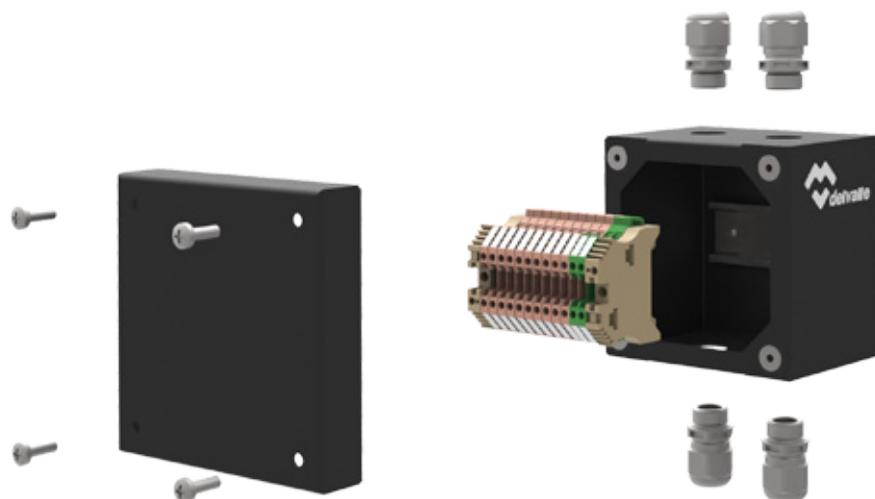
| REFERENCE | DIMENSIONS (mm) | | | | | HOLES | |
|---|-----------------|--------------|--------------|-----------------|---------------------|----------------|--------|
| STOCK ATEX GRP JUNCTION BOX - TERBOX SERIES | MEASURES (mm) | | | N° OF TERMINALS | | STOPPING PLUGS | |
| | HEIGHT -A- | WIDHT -B- | DEPTH -C- | TERMINALS | GROUND TERMINALS | UNIT | METRIC |
| DVT2001GRP002 | 122 | 122 | 96 | 8 | 1 | 4 | M20 |



Zones I, 2, 21 and 22

PRE-INSTALLED ATEX GRP JUNCTION BOX

TERBOX SERIES IP66



Certified and just ready to install



MECHANICAL PARTS
GUARANTEE

Terminal box and GRP connections ATEX Terbox is a fiberglass reinforced polyamide box ready for installation in explosive atmospheres I, 2, 21 and 22.

The terminals / terminals are mounted on a DIN rail and the inputs and outputs of cables are made using ATEX cable glands; which can be made of polyamide, nickel plated brass or stainless steel to be chosen for corrosive areas.

This preassembled terminal box is certified and ready for installation in zones I, 2, 21 and 22.

CE Marking: II 2GD Ex db eb ib mb IICT5 Gb - Ex ib tb IIIC T95°C Db.



FEATURES

- This preassembled terminal box is certified and ready for installation in zones I, 2, 21 and 22.
- Enclosure of black color made of polyester; reinforced resistant with glass fiber and provided with silicone gasket.
- Four models or dimensions available.
- Incorporated in the inside 8, 15 or 20 screw terminals mounted on DIN rail.
- Inputs and outputs of cables are made using ATEX cable glands, which can be made of polyamide, nickel plated brass or stainless steel for corrosive areas (optionally).
- Certified IECEx, ATEX and TUV.





ADVANTAGES

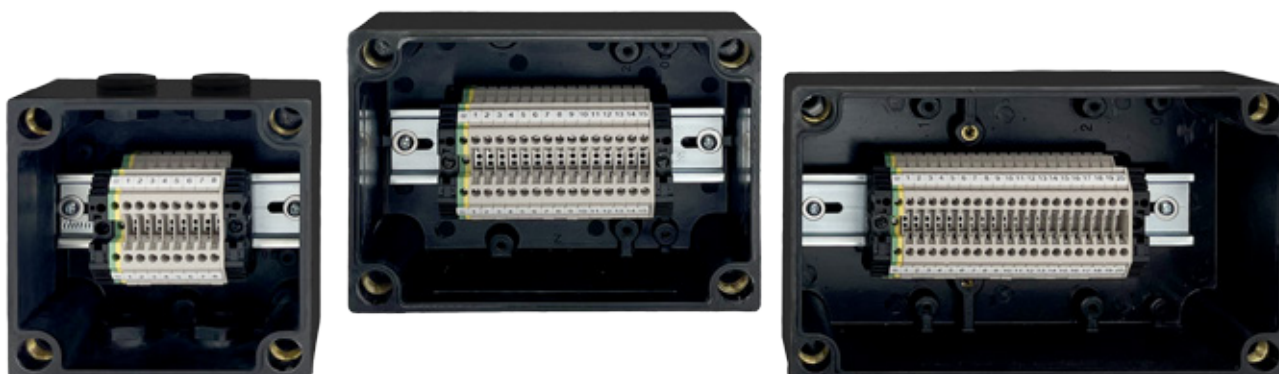
- Unbeatable delivery time.
- Save time and cost savings.
- Just ready to install.
- Enclosure of black color made of polyester, reinforced resistant with glass fiber and provided with silicone gasket.
- Zones I, 2, 2I and 22 can be used in areas subject to explosion hazardous.
- Certified IECEx, Atex and TUV.



CABLE GLANDS EX D/E

Cable glands Atex made by Delvalle are used for passing, holding and compressing cables between two compartments, such as junction boxes, cabinets, electrical boxes or devices requiring sealing against dust, dirt or water.

- Cable glands Atex polyamide.
- Cable glands nickel-plated.
- Cable glands unarmoured.
- Cable glands stainless steel AISI 303 / AISI 316.
- Barrier cable glands.
- Plugs polyamide, nickel-plated and stainless steel.
- Ex air vent plug breather and drainage valves.



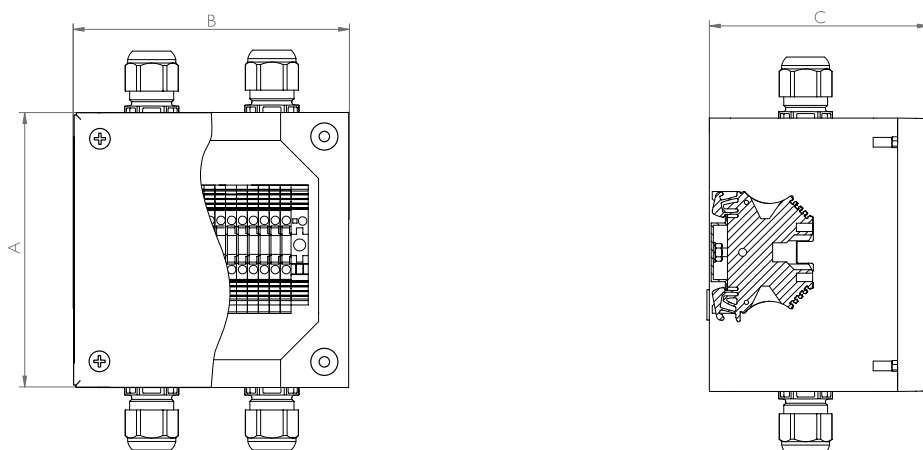
NORMATIVE

All explosion protection solutions manufactured by Atex Delvalle comply with Ex Atex, IECEx and TUV certifications.

They have undergone tests to verify their viability and technical solvency.

- Zones I, 2, 21 and 22
- Degree of protection IP65
- Certificates number:
 - IECEx CML I9.0088X
 - CML I9 ATEX 3303X
- Type protection:
 - II 2GD Ex db eb ib mb IICT5 Gb
 - Ex ib tb IIICT95°C Db
- Standard:
 - Directive 2014/34/EU
- Ambient temperature:
 - $-40^{\circ}\text{C} < T_a < +40/55^{\circ}\text{C}$

PLANS



REFERENCES

| REFERENCES | DIMENSIONS (mm) | | | | |
|----------------|-----------------|--------------|--------------|-----------------|----------------------|
| | MEASURES (mm) | | | N° DE TERMINALS | |
| | HEIGHT -A- | WIDTH -B- | DEPTH -C- | TERMINALS | GROUNDS TERMINALS |
| DVT200I GRP00I | 122 | 122 | 96 | 8 | 1 |
| DVT201I GRP00I | 122 | 172 | 96 | 15 | 1 |
| DVT203I GRP00I | 134 | 220 | 96 | 20 | 1 |
| DVT2032GRP00I | 134 | 220 | 141 | 20 | 1 |

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.



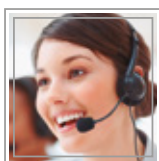
ENCLOSURES FOR CORROSION ENVIRONMENTS

PRESSURIZED PANELS & ATEX PURGE





HAZARDOUS AREA SOLUTIONS ATEX E IECEx



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Contacta con nosotros, estamos a su disposición