



atex@atexdelvalle.com | www.atexdelvalle.com

GRP EX JUNCTION AND TERMINAL BOXES

TERBOX 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

www.atexdelvalle.com
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+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.



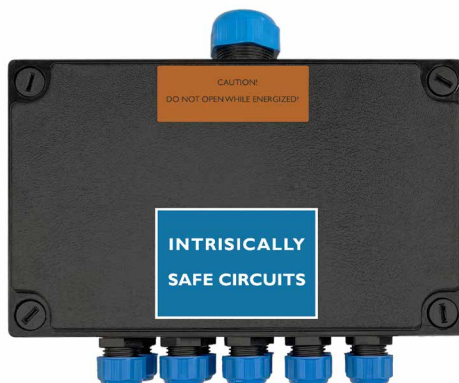

Zones I, 2, 21 and 22

GRP EX JUNCTION AND TERMINAL BOXES

TERBOX SERIES IP66



Examples



Gives Cost and Time Savings

Terbox Series of terminal boxes are made of glass fibre reinforced polyester. All the metal elements are anti-corrosive rust proof. Concave-convex joints between the covers and bodies are designed to mount an air-foam silicone bar, which secure an IP66 degree of protection. Terminal boxes are used for dividing and connecting wires for various electrical apparatus and instruments in the circuits. Installation is certified for zones I, 2, 21 and 22.

Cables are made with Atex cable glands, either in polyamide, nickel-plated or stainless steel for corrosive areas.



FOR MORE INFORMATION CLICK HERE

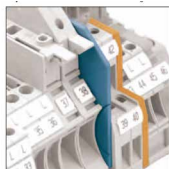
TECHNICAL FEATURES

- Explosion protection: Zones I, 2, 21 and 22.
- Various sizes.
- Mounting included.
- Customized and flexible configurations.
- The enclosures of black terminal boxes are made of glass fibre reinforced polyester.
- Built-in Ex e terminals have specifications for 1.5 - 240mm² and connect and fix the entry leads.
- The entry may have moulded plastic, nickel-plated or stainless steel cable glands. The unused entries must be sealed with the stopping plugs.
- International certification IECEx, Atex and TUV.

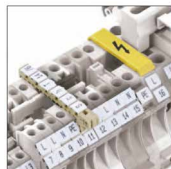
GRP EX JUNCTION AND TERMINAL BOXES **TERBOX SERIES** IP66

NUMBER OF TERMINALS PER SIZE

Atex Delvalle mounts in Terbox Series, brand terminals. Delvalle offers users a wide range of accessories as ideal solutions for all possible tasks, even beyond the standard functions. These accessories meet the same quality standards as the terminals themselves.



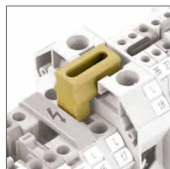
Visual separation endcaps



Signalling



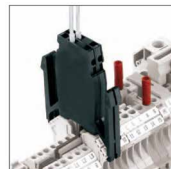
Fixation



Electrical power supply



Electrical distribution



Testing

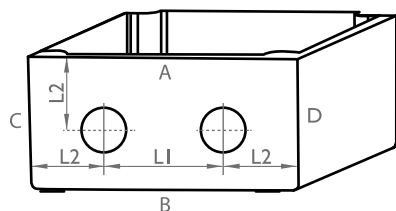


Specific functions, color variations

REFERENCES	DIMENSIONS (mm)													
TERBOX GRP	HEIGHT L	WIDTH W	DEPTH H	RAILS (DIM.)	25 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	50 mm ²	95 mm ²	150 mm ²	240 mm ²
DVT2001GRP	122	122	96	1 (108)	14	12	10							
DVT2011GRP	170	122	96	1 (145)	22	12	10							
DVT2031GRP	220	134	96	1 (182)	26	22	16	12	10	8				
DVT2032GRP	220	134	141	1 (182)	26	22	16	12	10	8				
DVT2052GRP	275	160	161	1 (230)	40	34	25	20	17	13				
DVT2053GRP	275	160	226	1 (230)	40	34	25	20	17	13				
DVT2071GRP	352	234	96	1 (300)	50	41	31	25	21	18				
				2 (300)	100	82								
DVT2072GRP	352	234	161	1 (300)	50	41	31	25	21	18				
				2 (300)	100	82								
DVT2073GRP	352	234	231	1 (300)	50	41	31	25	21	18				
				2 (300)	100	82								
DVT2081GRP	352	352	96	1 (300)	50	41	32	26	22	18				
				2 (300)	100	82	64	52	44					
				3 (300)	150	123								
DVT2082GRP	352	352	161	1 (300)	50	41	32	26	22	18	12	10	8	7
				2 (300)	100	82	64	52	44					
				3 (300)	150	123								
DVT2083GRP	352	352	231	1 (300)	50	41	32	26	22	18	12	10	8	7
				2 (300)	100	82	64	52	44					
				3 (300)	150	123								
DVT2086GRP	352	352	166	1 (300)	50	41	32	26	22	18	12	10	8	7
				2 (300)	100	82	64	52	44					
				3 (300)	150	123								
DVT2092GRP	706	352	161	1 (300)	100	82	64	52	44	36	24	20	16	14
				2 (300)	200	164	128	104	88					
				3 (300)	300	246								
DVT2093GRP	706	352	231	1 (300)	100	82	64	52	44	36	24	20	16	14
				2 (300)	200	164	128	104	88					
				3 (300)	300	246								

CONFIGURATION OF CABLE ENTRY DEVICE

Mínimum center distance of aperture for full plastic cable gland



	L1 (mm)						
SPECIFICATION >							
CABLE GLAND SPECIFICATION V	M16	M20	M25	M32	M40	M50	M63
M16	24	27	29	33	39	45	51
M20	27	29	32	36	42	48	54
M25	29	32	34	38	44	50	56
M32	33	36	38	42	48	54	60
M40	39	42	44	48	53	60	66
M50	45	48	50	54	60	63	72
M63	51	54	54	60	66	72	77

Minimum distance between aperture center of full plastic cable gland and each enclosure side

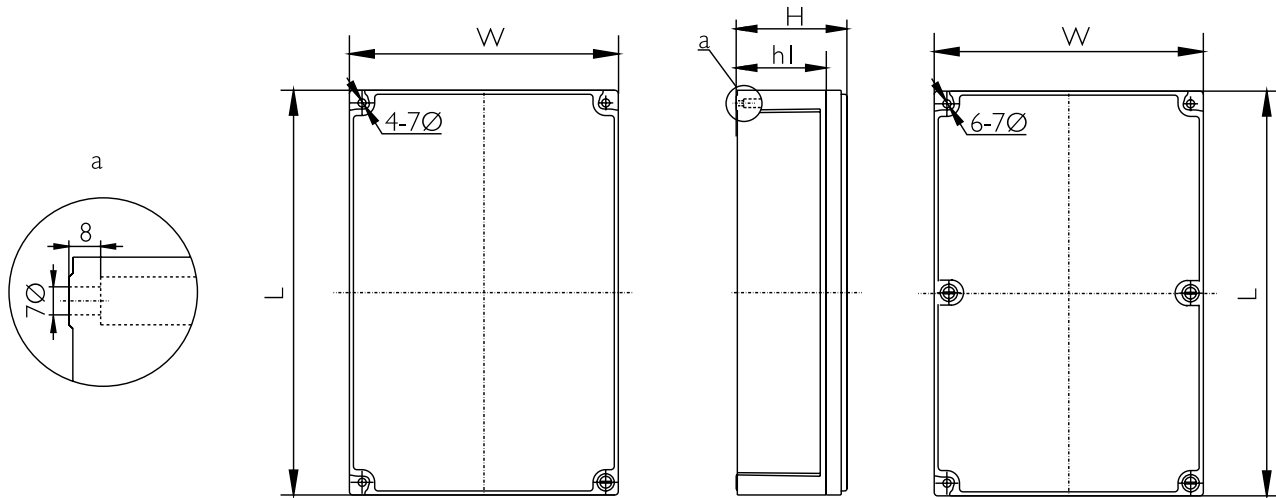
	L2 (mm)						
SPECIFICATION >							
SIDE CODE V	M16	M20	M25	M32	M40	M50	M63
A	13	16	18	22	28	34	40
B	18	21	23	27	33	39	45
C	36	37	41	45	51	57	63
D	36	37	41	45	51	57	63

Note: The dimension of series DVT2071 GRP, DVT2072 GRP, DVT2073 GRP, DVT2081 GRP, DVT2082 GRP, DVT2083 GRP, DVT2086 GRP, DVT2092 GRP, DVT2093 GRP increased 5mm.

NORMS AND CERTIFICATES

- Zones I, 2, 21 and 22
- Degree of protection IP66
- Certificates number:
 - IECEx CML 19.0088X
 - CML 19 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°C <Ta<+40/55°C

BLUEPRINT AND REFERENCES



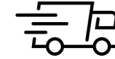
REFERENCES	FEATURES				
REFERENCES	MEASURES (mm)				N° SCREWS
	HEIGHT L	WIDTH W	DEPTH H	DEPTH OF BOX hl	
DVT2001GRP	122	122	96	78	4
DVT2011GRP	170	122	96	78	4
DVT2031GRP	220	134	96	78	4
DVT2032GRP	220	134	141	123	4
DVT2052GRP	275	160	161	143	4
DVT2053GRP	275	160	226	208	4
DVT2071GRP	352	234	96	78	4
DVT2072GRP	352	234	161	143	4
DVT2073GRP	352	234	231	213	4
DVT2081GRP	352	352	96	78	4
DVT2082GRP	352	352	161	143	4
DVT2083GRP	352	352	231	213	4
DVT2086GRP	352	352	166	148	4
DVT2092GRP	706	352	161	143	6
DVT2093GRP	706	352	231	213	6



Zones I, 2, 2I and 22

STOCK ATEX GRP JUNCTION BOX

TERBOX SERIES IP66



STOCK
Delivery Next Day



**Certified and just
ready to install**

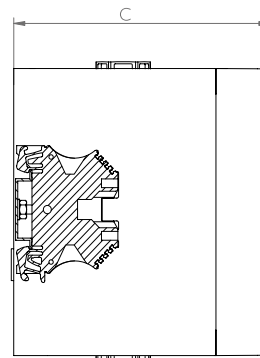
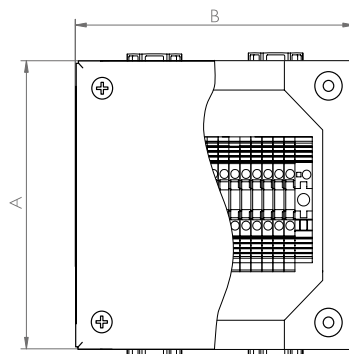
FEATURES

- 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.

NORMATIVES

- Zones I, 2, 2I and 22.
- Certified IECEx, Atex AND TUV.
- Certified: IECEx CML I 9.0088X | CML I 9 ATEX 3303X
- II 2GD Ex db eb ib mb IICT5 Gb
- Ex ib tb IIIC T95°C Db
- Working temperature: -40° a +40/55°C.

PLANS AND REFERENCES



REFERENCE	DIMENSIONS (mm)					HOLES	
	MEASURES (mm)			N° OF TERMINALS		STOPPING PLUGS	
	HEIGHT -A-	WIDHT -B-	DEPTH -C-	TERMINALS	GROUND TERMINALS	UNIT	METRIC
STOCK ATEX GRP JUNCTION BOX -TERBOX SERIES							
DVT200 IGRP002	122	122	96	8	I	4	M20

DOWNLOAD OUR CATALOGUES

WE DELIVER THE CABINET FULLY COMPLETED AND CERTIFIED

Also individual certifications



CABLE GLAND



PLUGS, ADAPTERS, ...

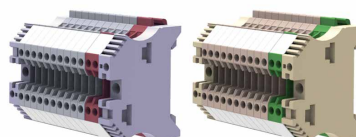
PERSONALIZE YOUR EX JUNCTION BOX



ACTUATORS



TERMINALS



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