



HAZARDOUS AREA SOLUTIONS

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PORTABLE SPLITTER BOX **ATEX & IECEX**



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.
Certified Junction Box Assembly.
Atex-delvalle are the leading certified assembler of Ex junction boxes. With an extensive stock holding of stainless steel enclosures, our workshops are able to provide unrivalled competence, expertise, quality and service to customer specifications.
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 18001, ATEX, IECEx.



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.



**Zonas 1, 2, 21 and 22**

PORTABLE SPLITTER BOX **ATEX & IECEx**

**High Reliability, Simple Use,
Guarantee and Safety**

Example



➔ **FOR MORE INFORMATION CLICK HERE**

The Ex splitter box is designed to get two or more sockets as outputs by one current input, allowing this way us to use more than two plugs from a large distance to devices.

The splitter box is a secure device, comfortable and useful, which is protected thanks to an Atex & IECEx enclosure specially designed, waterproof, antirust and made in stainless steel AISI 304L which guarantees an IP66 protection. This enclosure is CE marked to the Atex Directive for safe use in zones 1 and 2 potentially explosive gas and zones 21 and 22 dust atmospheres, making it ideal for power distribution within hazardous area confined spaces.

To make easier the movement of this enclosure it has a handle on the cover, to move it to the right place.



PORTABLE SPLITTER BOX **ATEX & IECEx**

Example



TECHNICAL FEATURES

It's equipped with a 5m long cable, which allows us to connect devices to the socket when they are remote.

The maximum rated tension is 550V and the rated current is 32A.

Its weight is 6 kg, and its design is compact and stable.

It can work between two temperature ranges, which give it a higher use capacity:

- $-20^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$
- $-20^{\circ}\text{C} \leq T_a \leq 40^{\circ}\text{C}$

Atex & IECEx enclosure:

- Finish with stainless steel AISI 304L.
- It has four legs to place it where it's necessary.
- It includes three cable glands in nickel plated brass with "Ex e" protection in M25 with IP68 protection.
- On the cover, the enclosure has a handle to move it.

OPTIONS

- There are three current options: 20A, 32A or 63A.
- The number of poles and the way they are connected can be selected between two and five, including neutral and ground cable.
- Ask us about:
- Cable longer
- Different features of this splitter box.
- More than two sockets to connect some plug (the enclosure's size would change).

ADVANTAGES

- The first one is the ability to power ancillary remote equipment.
- The maintenance work is easier with this splitter box because you can make your work far from the general sockets.
- Thanks to this splitter box, the possibilities of connecting devices to the enclosure are increased, because it's possible to place some sockets, being able to connect many devices at the same time.
- It's possible to cut off the current thanks to an emergency button on each connector.
- We can move it without problem because its weight is 6kg, enough to be light but strong at the same time.
- Possibility of manufacturing the Atex & IECEx enclosure in stainless steel AISI 316L.

PORTABLE SPLITTER BOX **ATEX & IECEx**

PROTECTION MODE

This equipment is certificated for use it in potentially explosive atmospheres in I, 2, 21 and 22 zones.

- ATEX mark:
 - II2G Ex d e IICT6/T5 Gb
 - II2D Ex tb IIICT85°C /T I00°C Db
- IECEx mark:
 - Certificate number: LOM14Atex2082
 - Ex d e IICT6/T5 Gb
 - Ex tb IIICT85°C/T I00°C Db
 - Certificate number: EX/LOM/IECEx

REGULATION

ATEX directive and regulation:

- ATEX directive 2014/34/EU
- EN 60079-0:2013
- EN 60079-1:2007
- EN 60079-7:2015
- EN 60079-31:2015

IECEx regulation:

- IEC 60079-0:2011
- IEC 60079-7:2015

- IEC 60079-31:2013

Enclosure regulation:

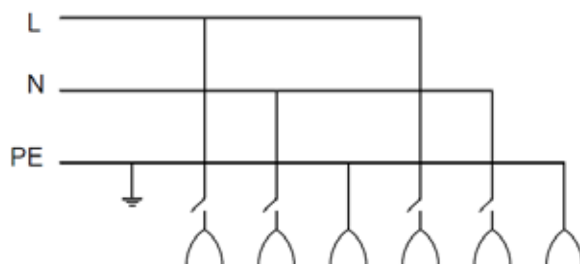
- IP regulation (IP65): IEC 60529
- IK regulation (IK10): IEC 62262

Low voltage directive and regulation:

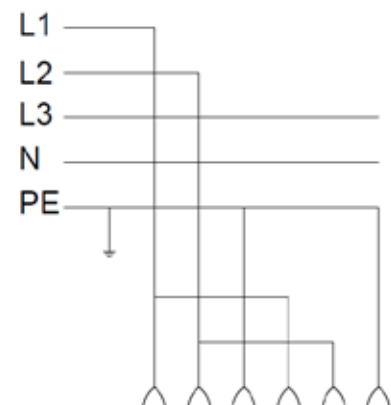
- Directive 2014/35/UE
- EN 61439-1:2011
- EN 61439-2:2011

ELECTRICAL DIAGRAM

The electrical diagram with three poles is:



The electrical diagram with 5 poles is:

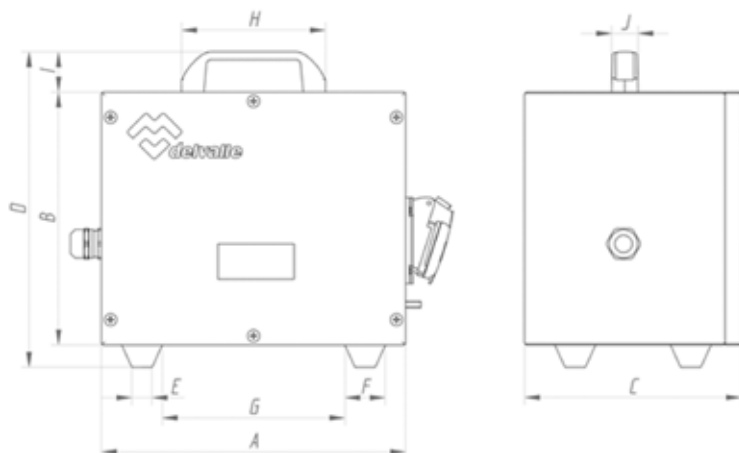


PORTABLE SPLITTER BOX **ATEX & IECEx**

BLUEPRINT AND DIMENSIONS

The dimensions are in mm, the enclosure size changes depending on the number of polos:

- 3P: 2P, 1P+N+T
- 5P: 3P+T, 3P+N+T



MOVABLE SWITCHBOARD (MS) DIMENSIONS (mm)

NUMBER OF POLES	A	B	C	D	E	F	G	H	I	J
3P	300	250	214	312	20	40	180	142	40	26
5P	380	300		362			200			

REFERENCES

MOVABLE SWITCHBOARD (MS) REFERENCES

POLES	CURRENT (A)	BASE NUMBER	BASE DESCRIPTION		BASE CURRENT	REFERENCE
			BASE 1	BASE 2		
3P+N+T	20	2	3P+T 400 Vac	P+N+T 22 Vac	20	MS2020-Ex
			3P+T 400 Vac	P+N+T 22 Vac		MS2021-Ex
		3	3P+T 400 Vac	(x2) P+N+T 22 Vac		MS2030-Ex
			(x3) P+N+T 220 Vac	-		MS2031-Ex
3P+N+T	32	2	3P+T 400 Vac	P+N+T 22 Vac	32-20	MS3220-Ex
			3P+T 400 Vac	-	20	MS3221-Ex
		3	3P+T 400 Vac	P+N+T 22 Vac		MS3230-Ex
			(x3) P+N+T 220 Vac	-		MS3231-Ex
			3P+T 400 Vac	(x2) P+N+T 22 Vac	32-20	MS3232-Ex
3P+N+T	63	3	(x3) P+N+T 220 Vac	-	32	MS6330-Ex

DELVALLE OFFERS OTHER SOLUTIONS ATEX & IECEx

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ATEX TERMINAL BOXES **TERBOX SERIES**



EX LOCAL CONTROL & DISTRIBUTION BOXES **CONTREX SERIES**



PLUG AND SOCKET BOXES **CONNEX SERIES**



FLAMEPROOF CONNECTION BOXES **EJB SERIES**



EX LIGHTING FIXTURE **ATEX**



PRESSURIZED ENCLOSURE EX P **PEPPEX SERIES**



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EX CABLE GLANDS ATEX & IECEx



MOTOR AND SWITCH MACHINES ATEX & IECEx



EX PUSH BUTTON STATION CONTREX SERIES



INDUSTRIAL WORKSTATIONS & HMI'S ATEX



EX 19" RACK ATEX

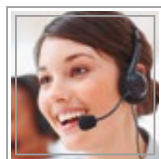


HAZARDOUS WIRELESS & ANTENNA SYSTEMS ATEX





/ FLEXIBLE ATEX & IECEx SOLUTIONS



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Contact us, we will be available at any time