



Enclosures & Cabinets for Special Requirements  
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# Plug and socket boxes **CONNEX** High reliability **Ex Atex**



# Delvalle, wide experience in manufacturing solutions for hazardous area



## WE PUT AT YOUR DISPOSAL

We offer **OVER 40 years** providing **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 products with very competitive prices.

## CUSTOMIZE TOTALLY YOUR ENCLOSURE

Our production systems can give custom-made solutions on demand. Every colour from RAL chart is available to be personalized. A variety of protection standards thanks to our own painting facilities.

## 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 and Ohsas 18001. ATEX, IECEx a nivel mundial.



## 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.





# Atex PLUG and SOCKET BOXES

**Zones 1, 2, 21 and 22**

Atex Plug and socket boxes are designed specifically for cabinets in ATEX **zonas 1, 2, 21 y 22**, and temperature class T6/T5 areas.

Atex Plug and socket boxes incorporates the latest in features online high reliability ATEX, being safe and profitable venues.



Example

**Safe and profitable venues**

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# Atex PLUG and SOCKET BOXES

**Zones 1, 2, 21 and 22**

Fitting a socket or box Ex Delvalle ensures compliance with electrical safety conditions for users. It also promotes a long life cycle of the equipment.



Example



## CHARACTERISTICS

- The end user security: Plug + socket + switch
  - A power supply with a built-in switch, all in one compact unit.
  - Just press the button once to cut the power and remove the risk of electric shock; then plugs automatically ejected and the unit is turned off.
  - There is a box on / off, also usable under short circuit conditions. In case of emergency, unskilled operator can easily and safely break the power of the engine.
- Simplicity and visual aid to plug and connect: rigid box for connection / disconnection
  - Each user can connect the plug thanks to a red visual brand. High performance and long life time is assured. The connection is fast and intuitive.
  - A safety shutter protects the user (IP4X / IPXXD).
- Corrosion resistance
  - The quality of materials, design and assembly of each component are the heart of our know-how and technology.
  - They perform a specific function that optimizes the efficiency and lifespan of our outlets and facilities
- High temperature
  - Suitable for heavy industries such as metallurgy, this range of power connectors and connectors control signal and provides an excellent quality of connection, even with high temperature environments.
  - Very robust with high corrosion resistance.
- Mechanical lock
  - There are optional locking systems to prevent accidental power to a machine during maintenance, and fit perfectly into their issuance procedures. Once the connector is disconnected safely you can mechanically lock the two longer physically separate parts.

**Zones 1, 2, 21 and 22**



Example box 4 sockets



Example box 3 sockets



Example box 2 sockets

## ADVANTAGES

- Compliance with standards and directives
- Automatic Sealing
- Plugs with integrated cutting capacity
- Impact resistance and insensitive to thermal shocks.

**Need  
more information?**

[→ CLICK HERE](#)

## REFERENCES (2 poles)

| REFERENCES    | Measure |       |       | Socket | Current | Voltage | Poles |
|---------------|---------|-------|-------|--------|---------|---------|-------|
|               | High    | Width | Depth |        |         |         |       |
| SO202015E202P | 200     | 200   | 150   | 2      | 20A     | 24V     | 2P    |
| SO202015E322P | 200     | 200   | 150   | 2      | 32A     | 24V     | 2P    |
| SO302015E202P | 300     | 200   | 150   | 3      | 20A     | 24V     | 2P    |
| SO302015E322P | 300     | 200   | 150   | 3      | 32A     | 24V     | 2P    |
| SO404017E202P | 400     | 400   | 170   | 4      | 20A     | 24V     | 2P    |
| SO404017E322P | 400     | 400   | 170   | 4      | 32A     | 24V     | 2P    |
| SO404017E632P | 400     | 400   | 170   | 4      | 63A     | 24V     | 2P    |

You can perform intermediate sizes and interchangeable sockets, contact our sales department.

## REFERENCES (3 Poles + E)

| REFERENCES     | Measure |       |       | Socket | Current | Voltage | Poles |
|----------------|---------|-------|-------|--------|---------|---------|-------|
|                | High    | Width | Depth |        |         |         |       |
| SO202015A203PE | 200     | 200   | 150   | 2      | 20A     | 220V    | 3P+E  |
| SO202015C203PE | 200     | 200   | 150   | 2      | 20A     | 400V    | 3P+E  |
| SO202015G203PE | 200     | 200   | 150   | 2      | 20A     | 480V    | 3P+E  |
| SO202015A323PE | 200     | 200   | 150   | 2      | 32A     | 220V    | 3P+E  |
| SO202015C323PE | 200     | 200   | 150   | 2      | 32A     | 400V    | 3P+E  |
| SO202015G323PE | 200     | 200   | 150   | 2      | 32A     | 480V    | 3P+E  |
| SO302015A203PE | 300     | 200   | 150   | 3      | 20A     | 220V    | 3P+E  |
| SO302015C203PE | 300     | 200   | 150   | 3      | 20A     | 400V    | 3P+E  |
| SO302015G203PE | 300     | 200   | 150   | 3      | 20A     | 480V    | 3P+E  |
| SO302015A323PE | 300     | 200   | 150   | 3      | 32A     | 220V    | 3P+E  |
| SO302015C323PE | 300     | 200   | 150   | 3      | 32A     | 400V    | 3P+E  |
| SO302015G323PE | 300     | 200   | 150   | 3      | 32A     | 480V    | 3P+E  |
| SO404017A203PE | 400     | 400   | 170   | 4      | 20A     | 220V    | 3P+E  |
| SO404017C203PE | 400     | 400   | 170   | 4      | 20A     | 400V    | 3P+E  |
| SO404017G203PE | 400     | 400   | 170   | 4      | 20A     | 480V    | 3P+E  |
| SO404017A323PE | 400     | 400   | 170   | 4      | 32A     | 220V    | 3P+E  |
| SO404017C323PE | 400     | 400   | 170   | 4      | 32A     | 400V    | 3P+E  |
| SO404017G323PE | 400     | 400   | 170   | 4      | 32A     | 480V    | 3P+E  |
| SO404017A633PE | 400     | 400   | 170   | 4      | 63A     | 220V    | 3P+E  |
| SO404017C633PE | 400     | 400   | 170   | 4      | 63A     | 400V    | 3P+E  |
| SO404017G633PE | 400     | 400   | 170   | 4      | 63A     | 480V    | 3P+E  |

You can perform intermediate sizes and interchangeable sockets, contact our sales department.

## REFERENCES (1 and 3 Poles + N +E)

| REFERENCES      | Measure |       |       | Socket | Current | Voltage | Poles  |
|-----------------|---------|-------|-------|--------|---------|---------|--------|
|                 | High    | Width | Depth |        |         |         |        |
| SO202015A201PNE | 200     | 200   | 150   | 2      | 20A     | 220V    | 1P+N+E |
| SO202015C203PNE | 200     | 200   | 150   | 2      | 20A     | 400V    | 3P+N+E |
| SO202015G203PNE | 200     | 200   | 150   | 2      | 20A     | 480V    | 3P+N+E |
| SO202015A321PNE | 200     | 200   | 150   | 2      | 32A     | 220V    | 1P+N+E |
| SO202015C323PNE | 200     | 200   | 150   | 2      | 32A     | 400V    | 3P+N+E |
| SO202015G323PNE | 200     | 200   | 150   | 2      | 32A     | 480V    | 3P+N+E |
| SO302015A201PNE | 300     | 200   | 150   | 3      | 20A     | 220V    | 1P+N+E |
| SO302015C203PNE | 300     | 200   | 150   | 3      | 20A     | 400V    | 3P+N+E |
| SO302015G203PNE | 300     | 200   | 150   | 3      | 20A     | 480V    | 3P+N+E |
| SO302015A321PNE | 300     | 200   | 150   | 3      | 32A     | 220V    | 1P+N+E |
| SO302015C323PNE | 300     | 200   | 150   | 3      | 32A     | 400V    | 3P+N+E |
| SO302015G323PNE | 300     | 200   | 150   | 3      | 32A     | 480V    | 3P+N+E |
| SO404017A201PNE | 400     | 400   | 170   | 4      | 20A     | 220V    | 1P+N+E |
| SO404017C203PNE | 400     | 400   | 170   | 4      | 20A     | 400V    | 3P+N+E |
| SO404017G203PNE | 400     | 400   | 170   | 4      | 20A     | 480V    | 3P+N+E |
| SO404017A321PNE | 400     | 400   | 170   | 4      | 32A     | 220V    | 1P+N+E |
| SO404017C323PNE | 400     | 400   | 170   | 4      | 32A     | 400V    | 3P+N+E |
| SO404017G323PNE | 400     | 400   | 170   | 4      | 32A     | 480V    | 3P+N+E |
| SO404017A631PNE | 400     | 400   | 170   | 4      | 63A     | 220V    | 1P+N+E |
| SO404017C633PNE | 400     | 400   | 170   | 4      | 63A     | 400V    | 3P+N+E |
| SO404017G633PNE | 400     | 400   | 170   | 4      | 63A     | 480V    | 3P+N+E |

You can perform intermediate sizes and interchangeable sockets, contact our sales department.



# Connectors EX

**Zones 1, 2, 21 and 22**



Example connectors

The DXN disconnectors are designed for hazardous areas, type of protection 'of'.

Comply with ATEX 94/9 / EC. They can be used in zones 1 and 2 (gas) and zones 21 and 22 (dust).

They are certified according to IECEx standards.



## CHARACTERISTICS

- Degree of protection: To IP67 depend of models.
- The sealed IP66 / IP67 is reinforced and automatically acts to connect the socket or by closing the lid of the enclosure. Allows the product to be used in wet or dusty environments.

Data for application in connection with Ex-areas

- EC type examination certificate: II2 G D Ex de IIC Gb
- Certificate ATEX: Zones 1, 2, 21 and 22
- Temperature Rating for: Class T6 -25°C to 60°C

## APPLICATIONS

- Chemical, petrochemical
- Pharmaceutical Industry
- Food industry
- Ex lighting networks, connecting Ex, extension cords.
- Lifeboats operating from offshore oil platforms.
- Mobile containers, cranes or laptop.
- Electric boats or hook-up truck.



# Atex PLUG and SOCKET BOXES

Zones 1, 2, 21 and 22



Example

## MODELS

| CONNECTORS |              |              |                     |
|------------|--------------|--------------|---------------------|
| MODEL      | MAX. VOLTAGE | MAX. CURRENT | PROTECTION TYPE     |
| DXN1       | 550          | 20A          | II2 G D Ex e IIC GB |
| DXN3       | 750          | 32A          | II2 G D Ex e IIC GB |
| DXN6       | 750          | 63A          | II2 G D Ex e IIC GB |
| DX1        | 750          | 20A          | II2 G D Ex e IIC    |
| DX3        | 750          | 32A          | II2 G D Ex e IIC    |
| DX6        | 750          | 63A          | II2 G D Ex e IIC    |
| DX9        | 750          | 125A         | II2 G D Ex e IIC    |
| DX2        | 750          | 200A         | II2 G D Ex e IIC    |
| SPeX       | 1000         | 680A         | II2 G D Ex e IIC    |





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Atex enclosure  
**Luxorex** Serie



Increased safety enclosure  
**Tribex** Serie



Atex terminal boxes  
**Terbox** Serie



Control equipment  
**Contrex** Serie



Distribution Equipment  
and control  
**Panelex** Serie



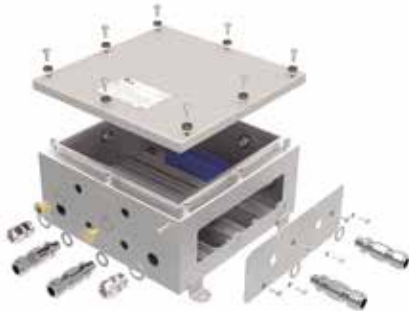
Pressurized enclosure Ex p  
**Peppex** Serie



## DELVALLE OFFERS OTHER SOLUTIONS ATEX

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Atex junction box  
**Geoex** Serie



Flameproof enclosure  
 Atex Ex d  
**Burj** Serie



Workstations  
**Pcex** Serie



Lighting LED Atex  
**Luminex** Serie



Radios Atex Ex  
**Walkies Talkies**



Mobile systems Atex Ex  
**Smartphones & Tablets**





Flexible solutions Atex & IECEX



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Contact us, we will be available at any time.