

· WE ARE ·  
**MANUFACTURERS**  
CERTIFIED



# CONTREX SERIES CONTROL STATIONS AND DISTRIBUTION BOXES

STAINLESS STEEL

GALVANIZED STEEL

GRP REINFORCED POLYESTER



[atex@atexdelvalle.com](mailto:atex@atexdelvalle.com) | [www.atexdelvalle.com](http://www.atexdelvalle.com)

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# **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](http://www.atexdelvalle.com)  
[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.



# CRITERIA FOR CHOOSING CONTROL STATIONS



Contrex-Geoex Series



Contrex-Luxorex Series



Contrex-Tribex Series

## Get Control in Any Area With Maximum Security and Flexibility

Atex control boxes. 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.

### We have three models in the Contrex Series:

- **Control stations screw closure (Contrex-Geoex Series)**
- **Hinged terminal & junction boxes (Contrex-Luxorex Series)**
- **High capacity & junction boxes (Contrex-Tribex Series)**

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.

➔ **FOR MORE INFORMATION CLICK HERE**



STAINLESS STEEL

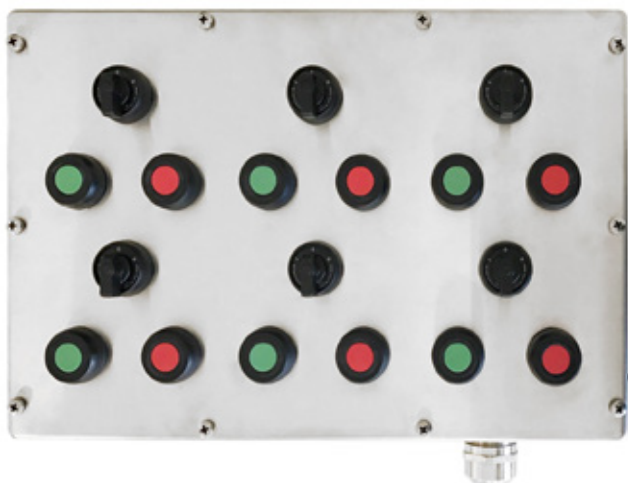
Zones I, 2, 21 and 22

# LOCAL CONTROL AND DISTRIBUTION BOXES

## CONTREX-GEOEX SERIES IP66



Examples



**Custom Made  
in Any Size**

Atex control boxes they are specially designed to perform checks, maneuvers and as actuators in explosive atmospheres. They have a rugged, anti-corrosion system and finished in stainless steel.

They it allows you to perform maneuvers and automation controls at the machine in hazardous areas control. Offering customers great combinations and flexibility. Select the components that best suit your operator panels, keypads, mushrooms, switches, ammeters, HMI,... and we assemble all with Atex certified Ex, IECEx and UL.

➔ [FOR MORE INFORMATION CLICK HERE](#)







## GENERAL FEATURES

- Zones I, 2, 21 and 22.
- Protection type: IP66.
- Max connection: terminals 2,5mm<sup>2</sup>.
- Up to 4 push button actuators.
- Easy assembly and custom made solutions.
- Certificates IECEx and Atex.

## OPTIONS

- Cable entry
  - Standard: 1 gland in the lower side of M25.
  - Special: glands at the bottom and other sizes. Consult information.
- Stainless steel enclosure, AISI304L or option AISI316L.

## CERTIFICATES

- Certificates number:
  - LOM I4ATEX2082
  - IECEx LOM I8.0001X
- 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:
  - Directiva 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
- Ambient temperature:
  - -25°C < Ta < +60°C

## CUSTOM MADE CONTROL STATIONS BOXES PERSONALICE

1. SELECT THE SIZE OF THE BOX

2. CUSTOMIZE THE BOX WITH ACTUATORS

3. ADD THE CABLE GLANDS

4. DELVALLE GIVES PROJECT AND CERTIFIED ATEX / IECEx





STAINLESS STEEL

Zones I, 2, 21 and 22

# DISTRIBUTION AND CONTROL CABINETS

## CONTREX-LUXOREX SERIES IP66



Example

### Control Cabinet with Atex Final Product Certificate

Distribution and control cabinets Contrex-Luxorex Series have been designed to be able to implement different devices and actuators on the customer's specifications and be delivered with an Atex final product certificate.

These cabinets stand out due to their easy door opening, up to 170 degrees by quarter-turn locks and hinges as well as by incorporating Atex & IECEx components pre-installed.



FOR MORE INFORMATION CLICK HERE



## CHARACTERISTICS

They are provided for a voltage up to 1100 V and for a maximum ambient temperature up to +60°C, depending on the kind of temperature needed and currents assigned.

As for the enclosure, it is a cabinet with quarter-turn closures and hinges made of stainless steel with 170° door opening with the following characteristics:

- Atex cabinets with stainless steel AISI 304L revolving door or AISI 316L and a polished elegant surface finish.
- They are intended for use in explosive atmospheres listed as zones 1, 2, 21 and 22 and to place Ex components and terminals inside, as well as cable glands.
- Fabrication of the cabinet based on a unique system of welding and folding monobloc that achieves a perfect sealing and resistance to impact with pre-assembled body and door and minimum welding.
- Atex M8 mass insert for external connection.
- Double-bit quarter-turn locks made of stainless and 170° opening hinges steel.
- Very resistant polyurethane joint from -25°C to +60°C.
- Silicone seal -45°C +135°C (optional).
- Plugs, holes and hinges that withstand temperatures from -25°C to +60°C.
- Atex cable glands, as well as Roxtec cable entry systems.



## ADVANTAGES

- Customized design and execution.
- Optimized working thanks to a wide range of integrated equipment
- Single door opening with double bit fasteners.
- Great turn of door opening 170 °.
- Polished finish on all sides.
- Robustness, security and guaranteed reliability.
- Variety of dimensions with large interior space that simplifies connection operations.
- Atex & IECEx components already installed inside.
- Use both indoors and outdoors or in corrosive areas.
- Anti-corrosion protection guaranteed.
- Great safety and resistance in the most aggressive explosive environments thanks to the design and the materials used in its manufacture.
- 5 year warranty on mechanical parts, and 10 year warranty on stainless steel.





## OPTIONS

- Cabinets used as maneuver stations, incorporating certified components of connection, maneuver, signaling: push buttons, emergency mushrooms, lights, push buttons.
- We manufacture with water tightness and Atex & IECEx certifications
- The cabinets can be used with increased in: "Ex e" or "Ex t".
- These control stations may be used for connection of intrinsically safe circuits.
- Design and layout of custom components.
- Atex cable glands, as well as Rextec cable entry systems.

## PROTECTION MODE

This enclosure is certified for use in potentially explosive atmospheres in zones 1, 2, 21 and 22 and may be used with increased safety protection mode "Ex e" including increased safety connection terminals or enclosure protection mode "Ex tb".

- Atex protection mode:
  - II 2G Ex eb IICT6 Gb
  - II 2D Ex tb IICT85°C Db
- IECEx protection mode:
  - Ex eb IICT6 Gb
  - Ex tb IICT85°C Db
- Degree of resistance against impact IK10
- IP66 protection

## NORMATIVE

Atex & IECEx directive and regulations:

- Atex Directive 2014/34 / EU
- Certificate of the envelope as a component:
  - LOM I4ATEX3026U
- Equipment Certificate:
  - LOM I7ATEX1011
- Quality certificate:
  - LOM I4ATEX9050
- IP66 according to IEC Standard EN 62208 and EN 60529
- Complies with RoHs regulations

- Degree of resistance against impact IK10 according to standard IEC62208 and EN62262
- EN 60079-7: 2007
- EN 60079-31: 2014
- UNE-EN 60079-0: 2011
- UNE-EN 60079-1: 2015
- UNE-EN 60079-5: 2008
- UNE-EN 60079-7: 2007
- UNE-EN 60079-18: 2016
- UNE-EN 60079-25: 2010
- UNE-EN 60079-31: 2014

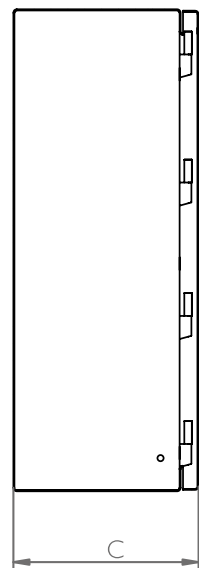
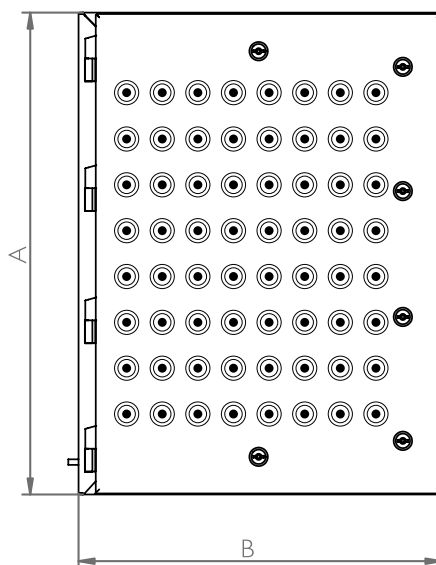


## BLUEPRINT AND DIMENSIONS

**10**  
YEARS  
STAINLESS  
ANTICORROSIVE  
GUARANTEE

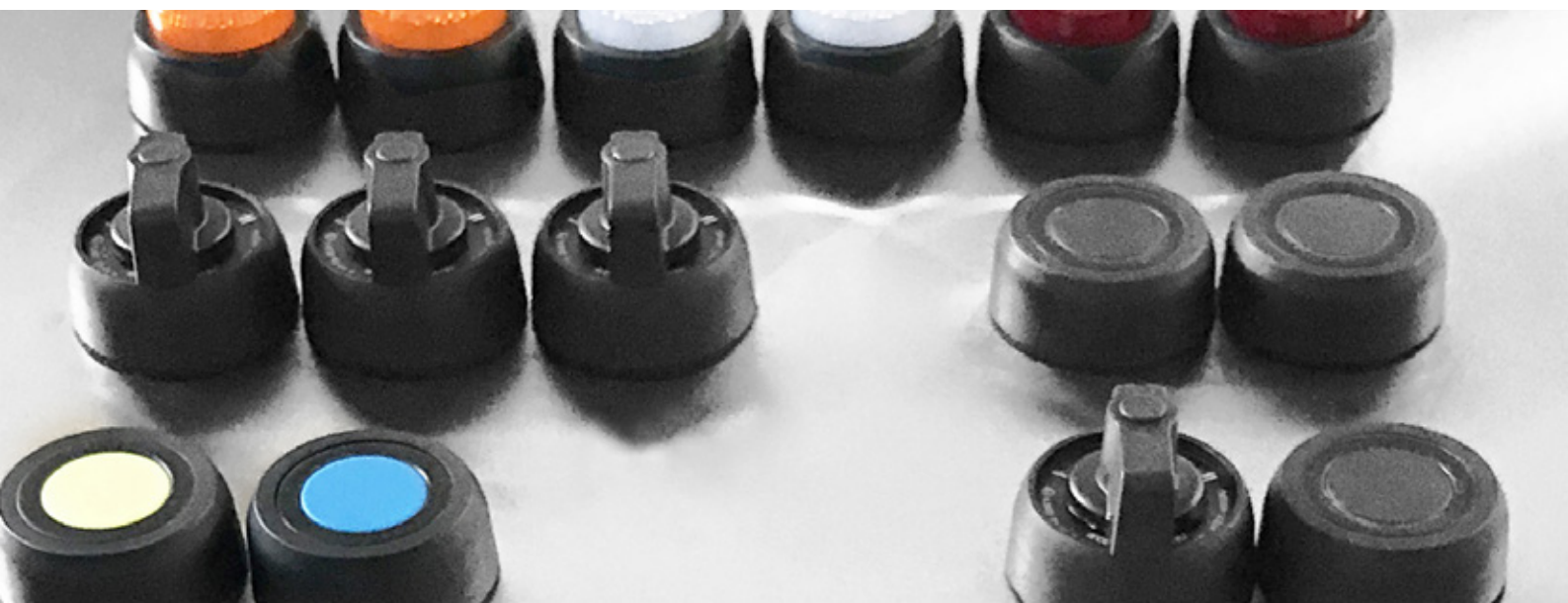
MADE  
TO MEASURE

**5**  
YEARS  
MECHANICAL PARTS  
GUARANTEE



## REFERENCES

| REFERENCES    | DIMENSIONS (mm) |           |           | MAXIMUM NUMBER    |                     |           |
|---------------|-----------------|-----------|-----------|-------------------|---------------------|-----------|
|               | HEIGHT (A)      | WIDTH (B) | DEPTH (C) | MEASURING DEVICES | PLUG MOUNTING PLUGS | ACTUATORS |
| LXCSP302015EX | 300             | 200       | 155       | 3                 | 2                   | 6         |
| LXCSP383015EX | 380             | 300       | 155       | 6                 | 6                   | 19        |
| LXCSP504021EX | 500             | 400       | 210       | 12                | 9                   | 25        |
| LXCSP605021EX | 600             | 500       | 210       | 20                | 16                  | 49        |
| LXCSP806030EX | 800             | 600       | 300       | 30                | 30                  | 64        |
| LXCSP108030EX | 1000            | 800       | 300       | 42                | 56                  | 90        |



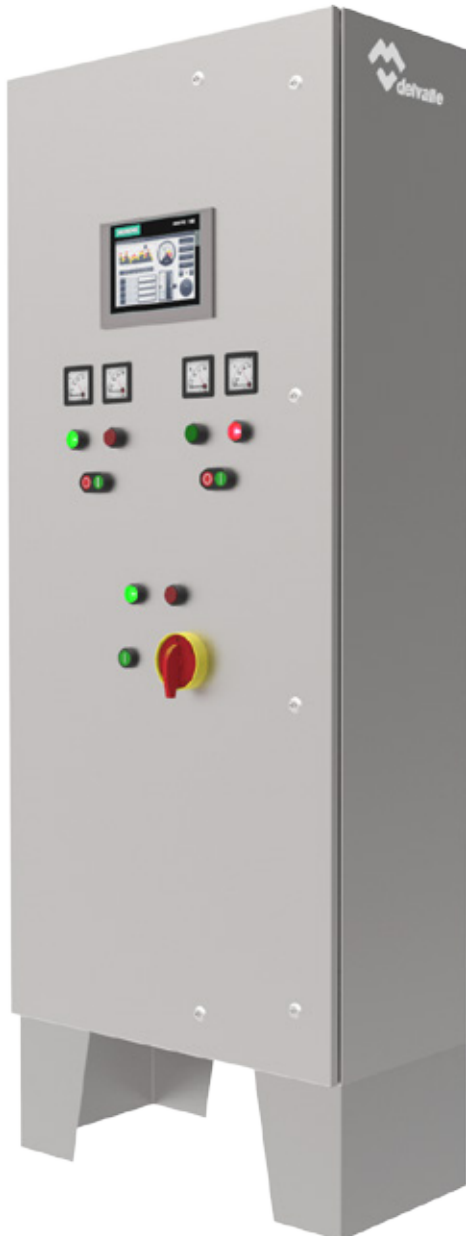


STAINLESS STEEL

Zones I, 2, 21 and 22

# LARGE SIZE DISTRIBUTION AND CONTROL CABINETS

## CONTREX-TRIBEX SERIES IP66



Example

### Large Sizes

The distribution local control panels of Contrex-Tribex Series incorporates different devices and actuators according to the customer's needs and is delivered with Atex final product certificate. No need to be homologated in a laboratory once assembled.

Atexdelvalle have been providing world class ex panel and ex enclosure solutions for several years now and we often get asked by our customers to provide fully wired up Ex enclosures so they can just plug in and play.

The distribution and control device combinations of Atex Delvalle are built according to customer specifications for use in areas with flammable gases and dust.

We have a set of Atex actuators that can be implemented: Atex buttons, Atex ammeters, Atex selectors, Atex voltmeters, Atex lights,... to implement in our Atex enclosures and give the complete solution.

➔ [FOR MORE INFORMATION CLICK HERE](#)

## CHARACTERISTICS

The stand Ex enclosures hinged door, high capacity, to house great amount of elements and of devices for explosive atmospheres.

They are designed for a maximum voltage of up to 1100V and for maximum ambient temperature up to 60°C, according to class of temperature marked and currents assigned.

With regard to the Ex enclosure, is made of stainless steel Tribex, which has the following characteristics:

- Ex stand enclosures made of stainless steel AISI 304L or AISI 316L and satin polished surface finish.
- They are intended for use in explosive atmospheres classified as Zones I, 2, 21 and 22 and to place Ex components and terminals inside, as well as cable glands.
- Unique monobloc system that achieves perfect sealing and impact resistance. With body and door pre-assembled, and minimum welding.
- Dough insert that allows external connection.
- With double-bit quarter-turn closures and hinges made of stainless steel.
- Very resistant polyurethane seal from -25°C to +60°C. or silicone -40°C to +130°C.
- Plugs, holes and hinges that resist from -25°C to +60°C.



## ADVANTAGES

- Contrex-Tribex is the largest approved Ex enclosure now stands at two door 2000mm(h)×2000(w)×1000(d). or in one door 2000(h)×1000(w)×1000(d)
- Fully wired panels, Full Customized design and execution.
- Functionality optimized thanks to a wide range of integrated equipment.
- Equipped with integrated actuators.
- Degree of IP66 tightness.
- Atex & IECEx components already installed inside.
- Use both inside and outside.
- Large interior space that simplifies connection operations.
- Anti-corrosion protection guaranteed.
- It can store a large number of terminals. Up to 1550 terminals in one cabinet.
- Robustness, safety, reliability tested.
- Great safety and resistance in the most aggressive explosive environments thanks to the design and the materials used in its manufacture.
- Double access option (front and rear doors).
- Made to order in AISI 316L with high corrosion resistant & maritime areas.

## OPTIONS

- Ex Enclosures used as maneuvering stations, incorporating certified components of connection, maneuver, signaling: push buttons, emergency mushrooms, lights, push buttons.
- We manufacture waterproof IP66 with Atex & IECEx certifications.
- The Ex enclosures can be used with increased safety protection mode "Ex e" including increased safety connection terminals or "Ex t" ex enclosure protection mode.
- Enclosures used with enclosure protection mode.
- These control stations may be used for connection of intrinsically safe circuits.

## PROTECTION MODE

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

- Protection mode:
  - II 2G Ex eb IICT6 Gb
  - II 2D Ex tb IIIC T85°C Db
- Resistance against impact IK10
- IP66 enclosure protection.



## NORMATIVE

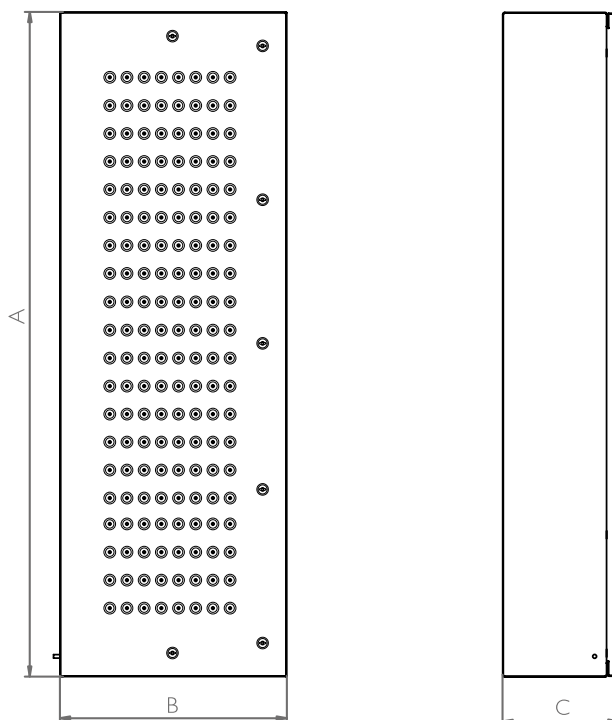
Atex & IECEx directive and regulations:

- Atex Directive 2014/34 / EU
- Certificate of the envelope as a component:
  - LOM I4ATEX3026U
- Equipment Certificate:
  - LOM I7ATEX1012
- Quality certificate:
  - LOM I4ATEX9050
- IP66 according to IEC Standard EN 62208 and EN 60529
- Complies with RoHs regulations

- Degree of resistance against impact IK10 according to standard IEC62208 and EN62262
  - EN 60079-7:2007
  - EN 60079-31:2014
  - UNE-EN 60079-0:2011
  - UNE-EN 60079-1:2015
  - UNE-EN 60079-5:2008
  - UNE-EN 60079-7:2007
  - UNE-EN 60079-18:2016
  - UNE-EN 60079-25:2010
  - UNE-EN 60079-31:2014

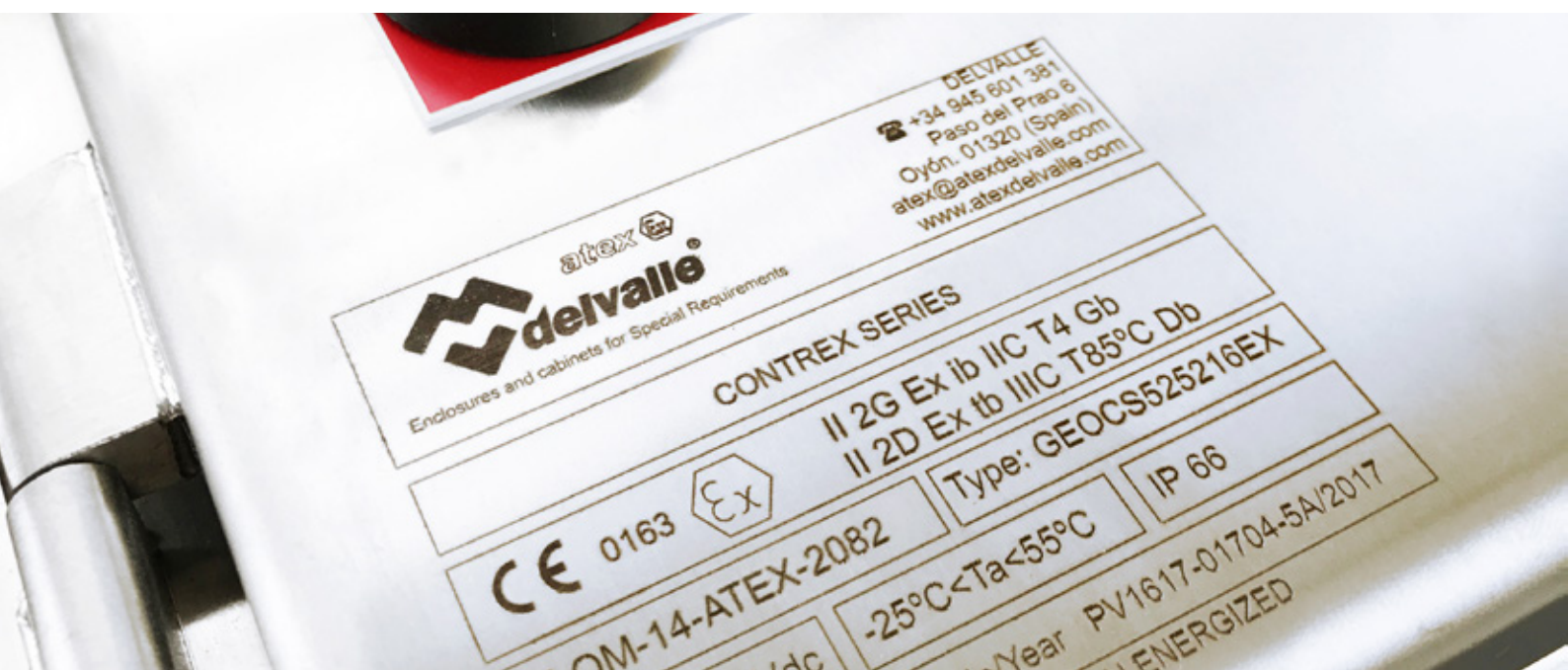


## BLUEPRINT AND DIMENSIONS



## REFERENCES

| REFERENCES   | DIMENSIONS (mm) |           |           | MAXIMUM NUMBER    |                     |           |
|--------------|-----------------|-----------|-----------|-------------------|---------------------|-----------|
|              | HEIGHT (A)      | WIDTH (B) | DEPTH (C) | MEASURING DEVICES | PLUG MOUNTING PLUGS | ACTUATORS |
| TBCS126030EX | 1200            | 600       | 300       | 36                | 36                  | 80        |
| TBCS166030EX | 1650            | 600       | 300       | 64                | 64                  | 144       |
| TBCS186030EX | 1800            | 600       | 300       | 68                | 68                  | 160       |





STAINLESS STEEL

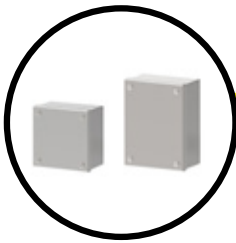
Zones I, 2, 21 and 22

# PERSONALISED CONTROL STATION BOXES

Atex Delvalle produces Ex local control stations, Ex distribution boxes and hazardous area enclosures for use in IECEx areas with flammable gases and dusts. Depending on the application area, the former control stations are designed with the type...

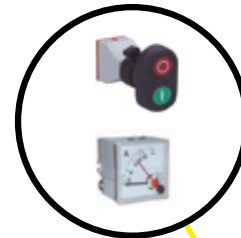
## 1. SELECT THE SIZE OF THE BOX

We provide various dimensions



## 2. CUSTOMIZE THE BOX WITH ACTUATORS

Customize your control stations boxes to measure



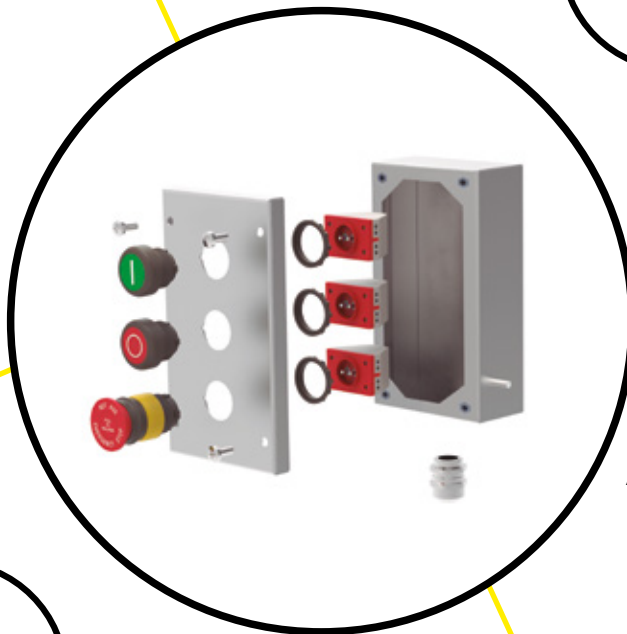
## 4. DELVALLE GIVES PROJECT AND CERTIFIED ATEX / IECEx

Only one certificate for your custom-made solution



## 3. ADD THE CABLE GLANDS

We fix hazardous-area actuating elements

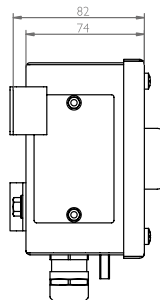
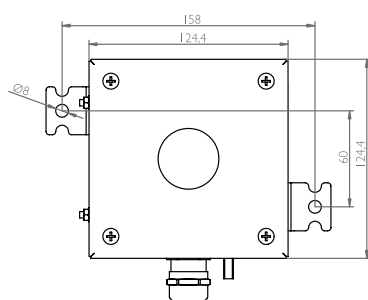




STAINLESS STEEL

Zones 1, 2, 21 and 22

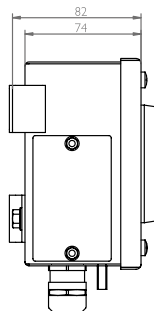
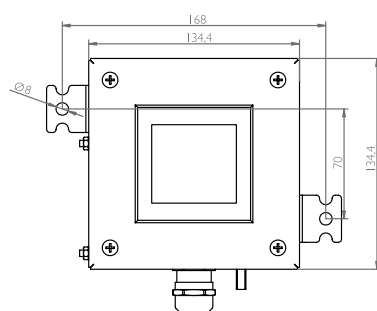
## CUSTOMIZE STAINLESS STEEL YOUR CONTROL STATION BOXES



REFERENCE  
FOR ONE ACTUATOR BOXES

GEOCS121275EX

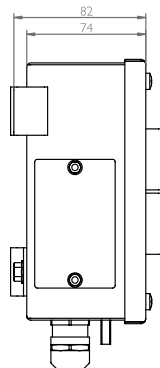
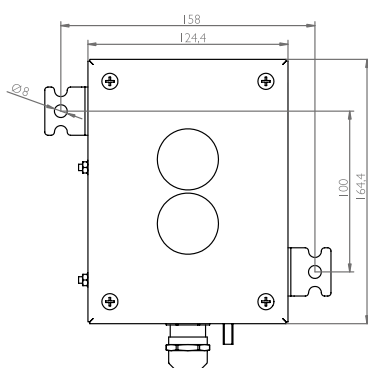
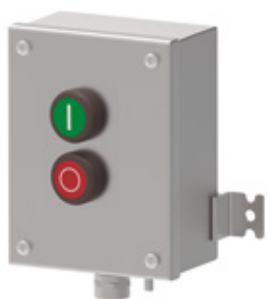
For steel AISI 316L add to the end  
of the reference number (316)



REFERENCE  
TO A VOLTMETER  
AND AMMETER BOXES

GEOCS131375EX

For steel AISI 316L add to the end  
of the reference number (316)

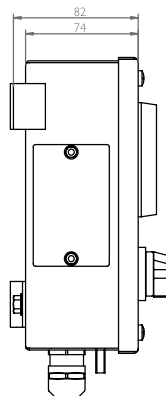
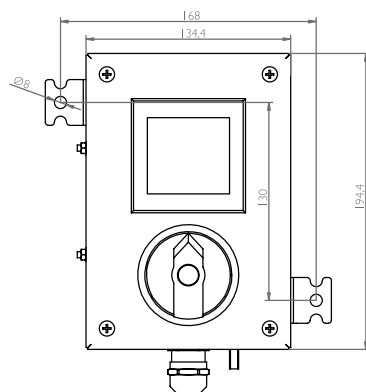


REFERENCE  
FOR TWO ACTUATORS BOXES

GEOCS161275EX

For steel AISI 316L add to the end  
of the reference number (316)

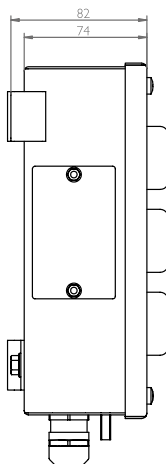
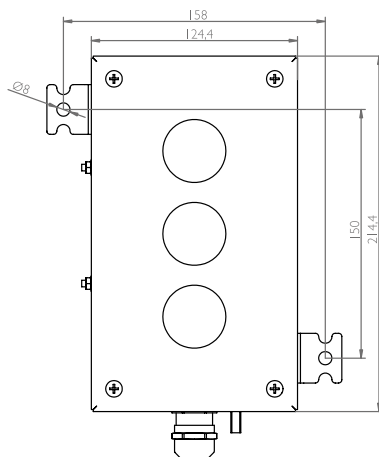
# CUSTOMIZE YOUR CONTROL STATIONS BOXES STAINLESS STEEL



REFERENCE  
TO A VOLTMETER  
AND AMMETER BOXES

GEOCS191375EX

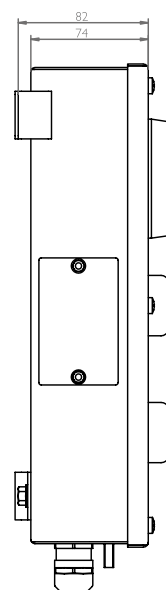
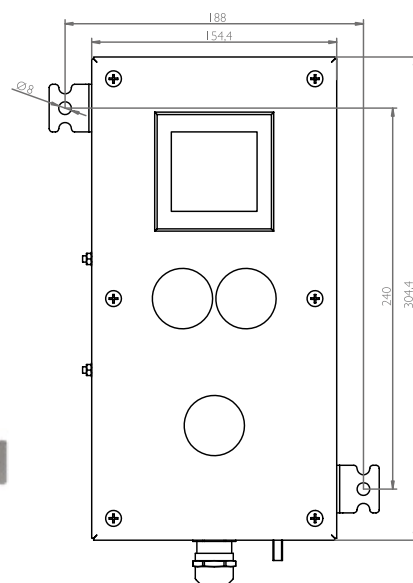
For steel AISI 316L add to the end  
of the reference number (316)



REFERENCE  
FOR THREE ACTUATORS BOXES

GEOCS211275EX

For steel AISI 316L add to the end  
of the reference number (316)



REFERENCE  
FOR VARIOUS ACTUATORS BOXES

GEOCS301575EX

For steel AISI 316L add to the end  
of the reference number (316)



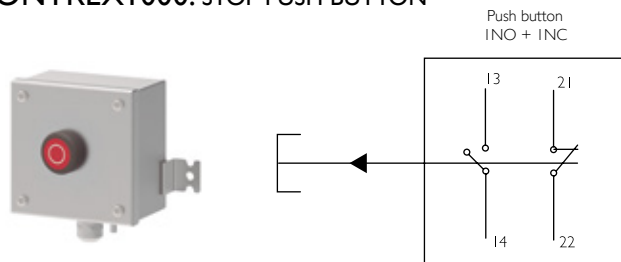
STAINLESS STEEL

Zones 1, 2, 21 and 22

# PRE-ASSEMBLED STAINLESS STEEL CONTROL BOXES

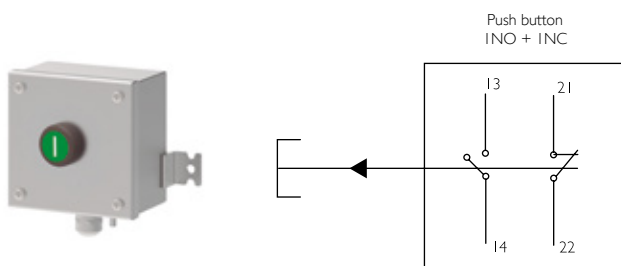
## CONTREX-GEOEX SERIES IP66

### CONTREX I000. STOP PUSH BUTTON



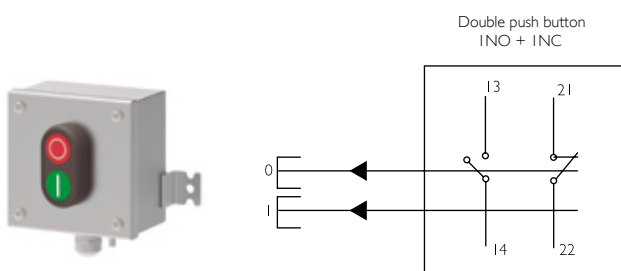
|             |                                                                                                                                                                                                                               |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I000                                                                                                                                                                                                                  |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                     |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Stop push button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I010. START PUSH BUTTON



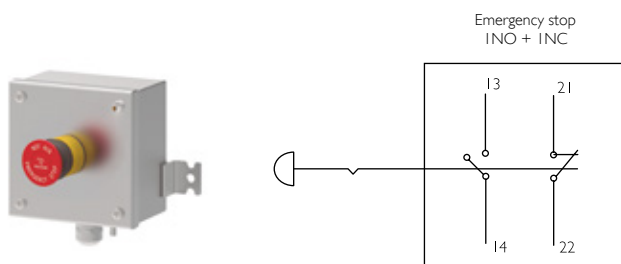
|             |                                                                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I010                                                                                                                                                                                                                   |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                      |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Start push button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I020. DOUBLE PUSH BUTTON



|             |                                                                                                                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I020                                                                                                                                                                                                                    |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Double push button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

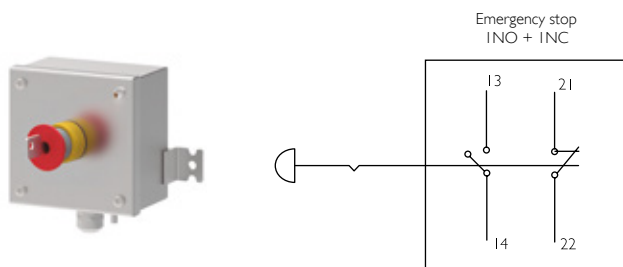
### CONTREX I030. EMERGENCY STOP BUTTON



|             |                                                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I030                                                                                                                                                                                                                       |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                          |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Emergency stop button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

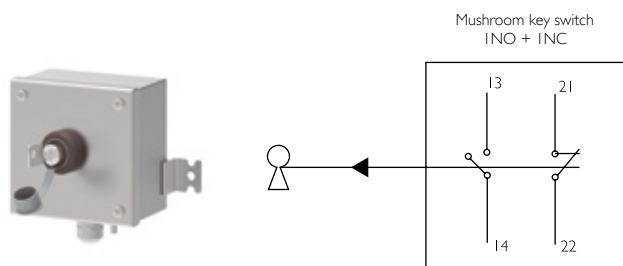
# PRE-ASSEMBLED STAINLESS STEEL CONTROL BOXES **CONTREX-GEOEX SERIES** IP66

## CONTREX I03 I. EMERGENCY STOP BUTTON WITH KEY



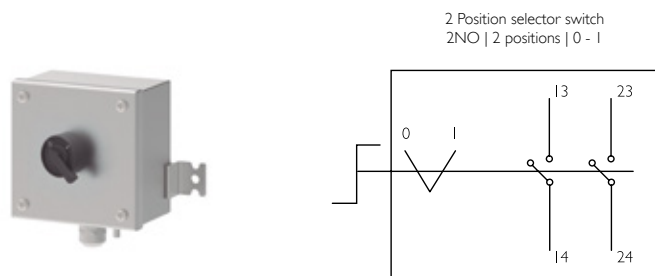
|             |                                                                                                                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I03 I                                                                                                                                                                                                                           |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                               |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Emergency stop button with key NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I040. MUSHROOM KEY SWITCH



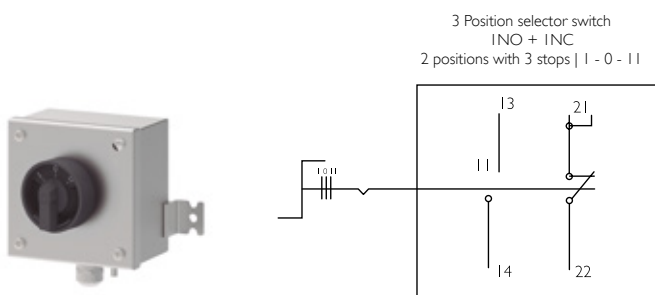
|             |                                                                                                                                                                                                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I040                                                                                                                                                                                                                 |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Mushroom key switch NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I05 I. 2 POSITION SELECTOR SWITCH



|             |                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I05 I                                                                                                                                                                                                          |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                              |
| IT CONTAINS | <ul style="list-style-type: none"> <li>2 position selector switch NO</li> <li>Nickel plated brass M20 cable gland for non armored cable</li> <li>Options other sizes, other materials for armored cable,...</li> </ul> |

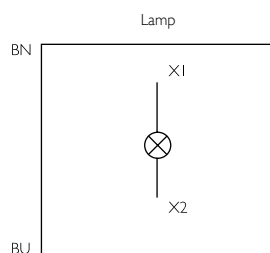
## CONTREX I050. 3 POSITION SELECTOR SWITCH



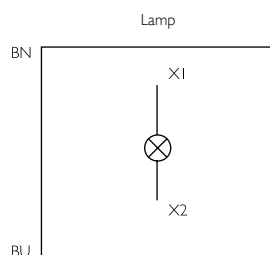
|             |                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I050                                                                                                                                                                                                                        |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                           |
| IT CONTAINS | <ul style="list-style-type: none"> <li>3 position selector switch NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |



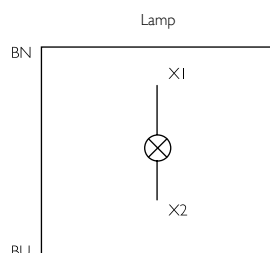


**CONTREX I061. WHITE SIGNAL LAMP**

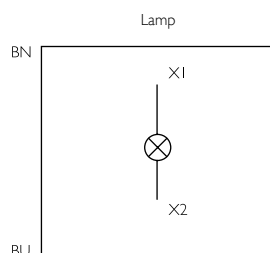
|             |                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I060                                                                                                                                                                                                           |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                              |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• White signal lamp</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I061. GREEN SIGNAL LAMP**

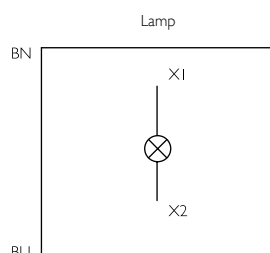
|             |                                                                                                                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I061                                                                                                                                                                                                            |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                               |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp</li> <li>• Nickel plated brass or stainless steel for non armored cable M20</li> <li>• Options other sizes, other materials for armored cable,...</li> </ul> |

**CONTREX I062. RED SIGNAL LAMP**

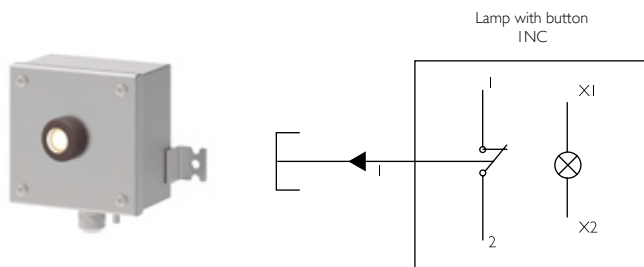
|             |                                                                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I062                                                                                                                                                                                                         |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                            |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Red signal lamp</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I063. YELLOW SIGNAL LAMP**

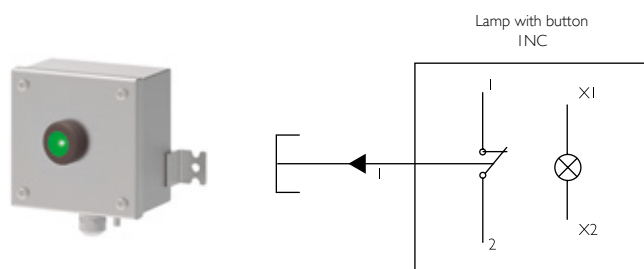
|             |                                                                                                                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I063                                                                                                                                                                                                            |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                               |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Yellow signal lamp</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I064. BLUE SIGNAL LAMP**

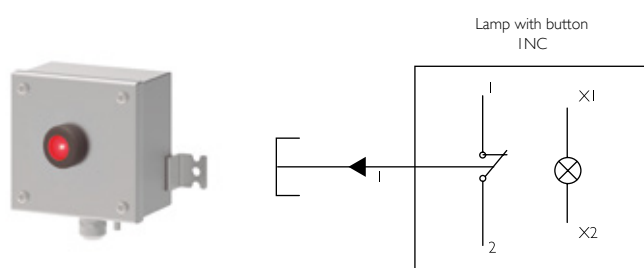
|             |                                                                                                                                                                                                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I064                                                                                                                                                                                                          |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                             |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Blue signal lamp</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I070. WHITE SIGNAL LAMP WITH BUTTON NC**

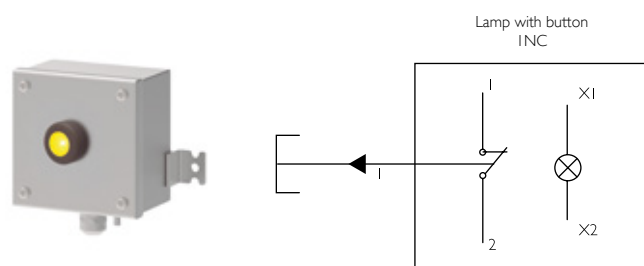
|             |                                                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I070                                                                                                                                                                                                                          |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                             |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• White signal lamp with button NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I071. GREEN SIGNAL LAMP WITH BUTTON NC**

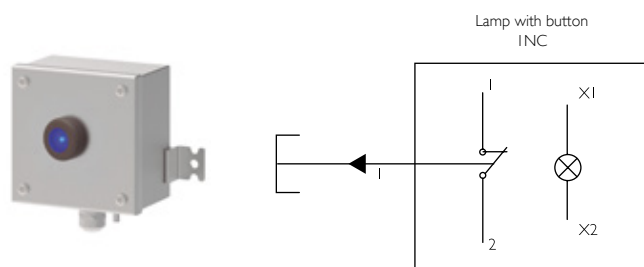
|             |                                                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I071                                                                                                                                                                                                                          |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                             |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp with button NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I072. RED SIGNAL LAMP WITH BUTTON NC**

|             |                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I072                                                                                                                                                                                                                        |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                           |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Red signal lamp with button NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I073. YELLOW SIGNAL LAMP WITH BUTTON NC**

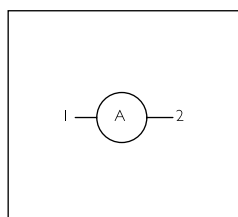
|             |                                                                                                                                                                                                                                        |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I073                                                                                                                                                                                                                           |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                              |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Yellow signal lamp with button NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I074. BLUE SIGNAL LAMP WITH BUTTON NC**

|             |                                                                                                                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I074                                                                                                                                                                                                                         |
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                            |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Blue signal lamp with button NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I 100. AMMETER 1A**

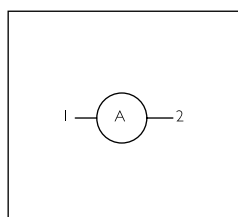

Ammeter



| REFERENCE   | CONTREX I 100                                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 1A</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I 101. AMMETER 4A**

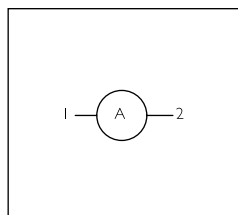

Ammeter



| REFERENCE   | CONTREX I 101                                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 4A</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I 102. AMMETER 5A**

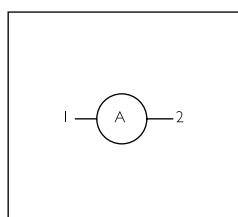

Ammeter



| REFERENCE   | CONTREX I 102                                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 5A</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I 103. AMMETER 10A**

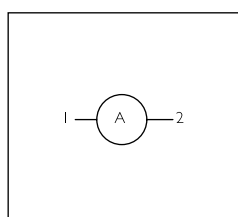

Ammeter



| REFERENCE   | CONTREX I 103                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                        |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 10A</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I 104. AMMETER 15A**


Ammeter

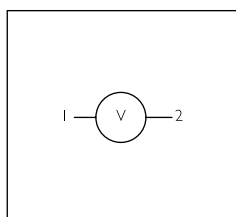


| REFERENCE   | CONTREX I 104                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                        |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 15A</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I 200. VOLTMETER 25V



Voltmeter

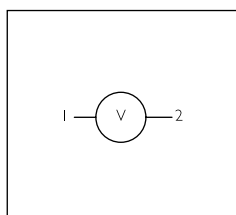


| REFERENCE   | CONTREX I 200                                                                                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                          |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 25V</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I 201. VOLTMETER 40V



Voltmeter

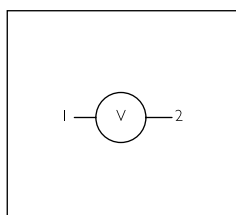


| REFERENCE   | CONTREX I 201                                                                                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                          |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 40V</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I 202. VOLTMETER 150V



Voltmeter

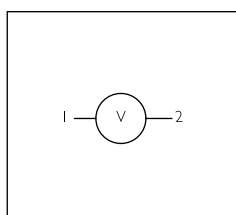


| REFERENCE   | CONTREX I 202                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                           |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 150V</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I 203. VOLTMETER 250V



Voltmeter

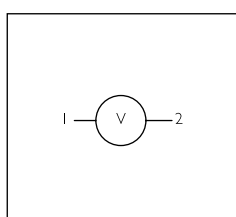


| REFERENCE   | CONTREX I 203                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                           |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 250V</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I 204. VOLTMETER 500V

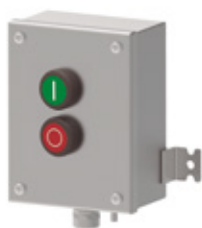


Voltmeter

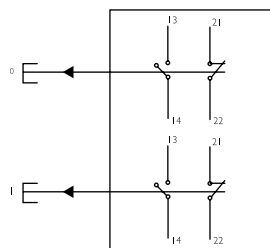


| REFERENCE   | CONTREX I 204                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 120x120x75 (option AISI304L and AISI316L)                                                                                                                                                                           |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 500V</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX2010. START PUSH BUTTON AND STOP PUSH BUTTON



2 Push buttons or 2 key switches  
INO + INC

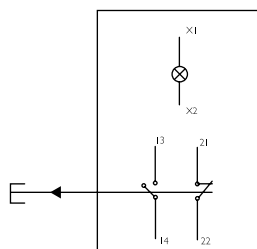


|             |                                                                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2010                                                                                                                                                                                                                                                  |
| SIZE        | 160x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Start push button NO + NC</li> <li>Stop push button NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX2020. SIGNAL LAMP AND STOP PUSH BUTTON



Lamp and push button  
INO + INC

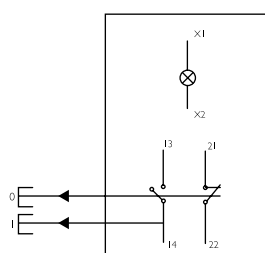


|             |                                                                                                                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2020                                                                                                                                                                                                                                    |
| SIZE        | 160x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                                      |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Signal lamp</li> <li>Stop push button NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX2030. SIGNAL LAMP AND DOUBLE PUSH BUTTON



Lamp and double push button  
INO + INC

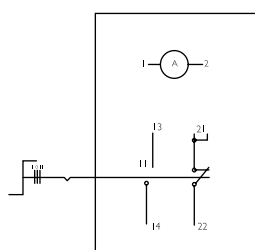


|             |                                                                                                                                                                                                                                                  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2030                                                                                                                                                                                                                                      |
| SIZE        | 160x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                                        |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Signal lamp</li> <li>Double push button NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX2100. AMMETER AND 3 POSITION SELECTOR SWITCH



Ammeter and 3 position selector switch  
INO + INC

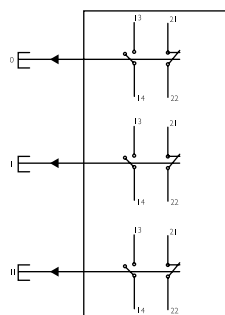


|             |                                                                                                                                                                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2100                                                                                                                                                                                                                                             |
| SIZE        | 190x130x75 (option AISI304L and AISI316L)                                                                                                                                                                                                               |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Ammeter 5A</li> <li>3 position selector switch NC + NO</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX3010. 3 BUTTONS



3 Push buttons  
or 3 key switches  
INO + INC

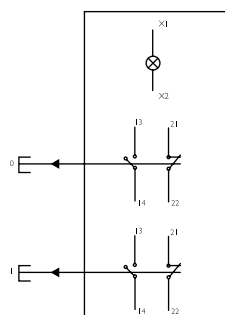


|             |                                                                                                                                                                                                                                                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3010                                                                                                                                                                                                                                                                  |
| SIZE        | 210x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Start push button NO + NC</li> <li>Stop push button NO + NC</li> <li>Red button NC + NO</li> <li>Nickel plated brass or stainless steel for non armored cable M20. Metric options, other materials, for armored cable,....</li> </ul> |

## CONTREX3020. SIGNAL LAMP, START PUSH BUTTON AND STOP PUSH BUTTON



Lamp  
and 2 push buttons  
or key switches  
INO + INC

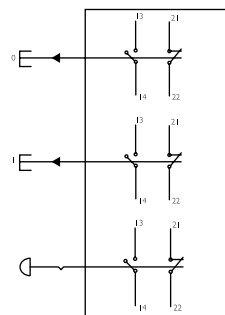


|             |                                                                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3020                                                                                                                                                                                                                                                            |
| SIZE        | 210x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                                                              |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Red signal lamp</li> <li>Start push button NO + NC</li> <li>Stop push button NO + NC</li> <li>Nickel plated brass M20 stainless steel for non armored cable. Metric options, other materials, for armored cable,....</li> </ul> |

## CONTREX3030. START PUSH BUTTON, STOP PUSH BUTTON AND EMERGENCY STOP BUTTON



2 Push buttons  
or key switches  
and emergency stop  
INO + INC

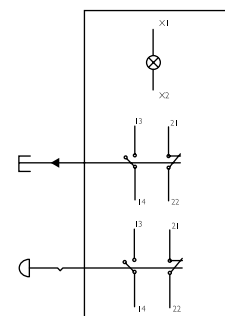


|             |                                                                                                                                                                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3030                                                                                                                                                                                                                                                                                          |
| SIZE        | 210x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                                                                                            |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Start push button NO + NC</li> <li>Stop push button NO + NC</li> <li>Emergency stop button NC + NO</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,....</li> </ul> |

## CONTREX3040. SIGNAL LAMP, STOP PUSH BUTTON AND EMERGENCY STOP BUTTON



Lamp, push buttons  
or key switch  
and emergency stop  
INO + INC

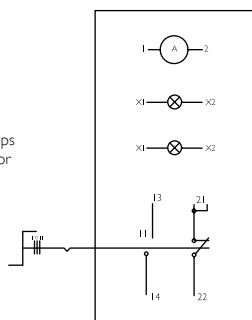


|             |                                                                                                                                                                                                                                                                                            |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3040                                                                                                                                                                                                                                                                                |
| SIZE        | 210x120x75 (option AISI304L and AISI316L)                                                                                                                                                                                                                                                  |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Red signal lamp</li> <li>Stop push button NO + NC</li> <li>Emergency stop button NC + NO</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,....</li> </ul> |



**CONTREX4010. AMMETER, 2 SIGNAL LAMPS AND 3 POSITION SELECTOR SWITCH**

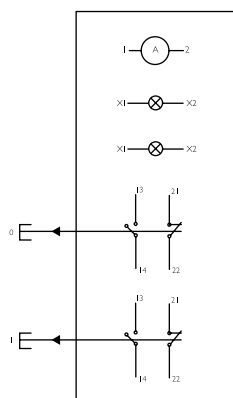

Ammeter, 2 signal lamps  
and 3 position selector  
switch  
INO + INC



|             |                                                                                                                                                                                                                                                                                                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX4010                                                                                                                                                                                                                                                                                                           |
| SIZE        | 300x200x75 (option AISI304L and AISI316L)                                                                                                                                                                                                                                                                             |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 5A</li> <li>• Green signal lamp</li> <li>• Red signal lamp</li> <li>• 3 position selector switch NC + NO</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX4020. AMMETER, 2 SIGNAL LAMPS, START PUSH BUTTON AND STOP PUSH BUTTON**

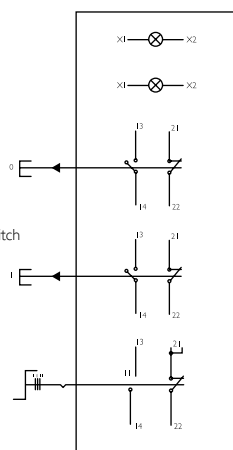

Ammeter, 2 signal lamps  
and 2 push buttons  
INO + INC



|             |                                                                                                                                                                                                                                                                                                                                                  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX4020                                                                                                                                                                                                                                                                                                                                      |
| SIZE        | 300x200x75 (option AISI304L and AISI316L)                                                                                                                                                                                                                                                                                                        |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 5A</li> <li>• Green signal lamp</li> <li>• Red signal lamp</li> <li>• Start push button NO + NC</li> <li>• Stop push button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX4030. 2 SIGNAL LAMPS, START PUSH BUTTON, STOP PUSH BUTTON AND 3 POSITION SELECTOR SWITCH**


2 Signal lamps,  
2 push buttons  
and 3 position selector  
switch  
INO + INC



|             |                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX4030                                                                                                                                                                                                                                                                                                                                                              |
| SIZE        | 300x200x75 (option AISI304L and AISI316L)                                                                                                                                                                                                                                                                                                                                |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp</li> <li>• Red signal lamp</li> <li>• Start push button NO + NC</li> <li>• Stop push button NO + NC</li> <li>• 3 position selector switch NC + NO</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |



GALVANIZED STEEL

Zones I, 2, 21 and 22

# GALVANIZED STEEL EX PUSH BUTTONS

## CONTREX-GALVA SERIES IP66



Examples

MECHANICAL PARTS  
GUARANTEE

**Custom Made  
in Any Size**

Atex push buttons or control boxes they are specially designed to perform checks, maneuvers and as actuators in explosive atmospheres.

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

They it allows you to perform maneuvers and automation controls at the machine in hazardous areas control. Offering customers great combinations and flexibility.

Select the components that best suit your operator panels, keypads, mushrooms, switches, HMI,... and we assemble all with Atex certified Ex, IECEx and UL.

➔ **FOR MORE INFORMATION CLICK HERE**



## FEATURES

- Zones I, 2, 21 and 22.
- Protection type: IP66.
- Painted galvanized steel surface finish in RAL 9005.
- Max connection: terminals 2,5mm<sup>2</sup>.
- Multiple possibilities for the placement of actuators.
- Easy assembly and custom made solutions.
- Certificates IECEx, Atex and UL.



## CERTIFICATES

- Certificates number:
  - LOM I4ATEX2082
  - IECEx LOM I8.0001X
- 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
- Ambient temperature:
  - -25°C <Ta< +60°C

## OPTIONS

- Up to IP67 or IP68.
- Custom made based on your needs (dimensions and actuators).
- Cable entry
  - Standard: 1 gland in the lower side of M25.
  - Special: installation of cable glands on any of its faces, on request.
- Paint finish in other RAL colors, on request.
- Stainless steel enclosure AISI304L or AISI316L.

### CUSTOM MADE CONTROL STATIONS BOXES PERSONALICE

1. SELECT THE SIZE OF THE BOX

2. CUSTOMIZE THE BOX WITH ACTUATORS

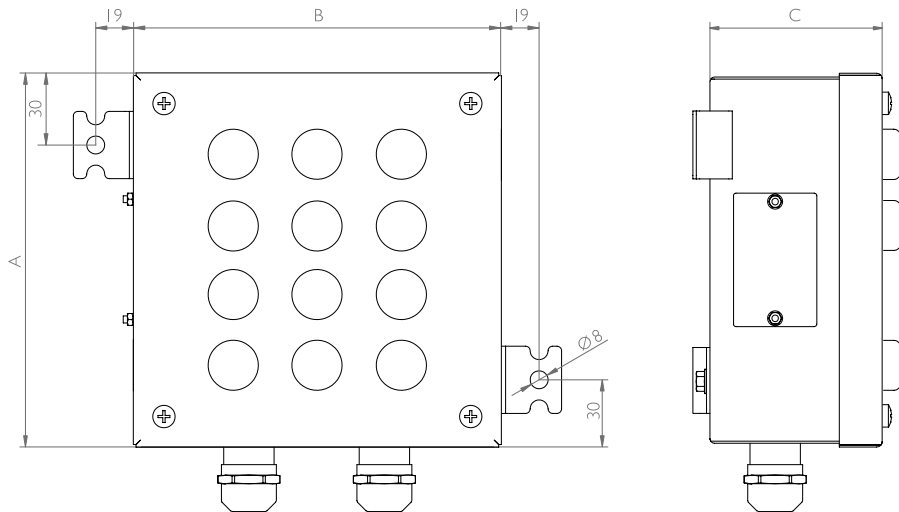
3. ADD THE CABLE GLANDS

4. DELVALLE GIVES PROJECT AND CERTIFIED ATEX / IECEx / UL

## BLUEPRINTS

MADE  
TO MEASURE

**5**  
YEARS  
MECHANICAL PARTS  
GUARANTEE



## REFERENCES

| REFERENCES                                        | DIMENSIONS (mm) |              |              |
|---------------------------------------------------|-----------------|--------------|--------------|
| GALVANIZED STEEL EX PUSH BUTTONS<br>CONTREX-GALVA | HEIGHT<br>(A)   | WIDTH<br>(B) | DEPTH<br>(C) |
| GEOCSG121290EX                                    | 120             | 120          | 90           |
| GEOCSG181290EX                                    | 180             | 120          | 90           |
| GEOCSG221490EX                                    | 220             | 140          | 90           |
| GEOCSG202012EX                                    | 200             | 200          | 120          |
| GEOCSG302012EX                                    | 300             | 200          | 120          |
| GEOCSG303015EX                                    | 300             | 300          | 150          |
| GEOCSG404015EX                                    | 400             | 400          | 150          |





GALVANIZED STEEL

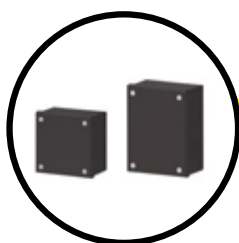
Zones 1, 2, 21 and 22

# CUSTOM MADE EX PUSH BUTTONS

Atex Delvalle produces Ex local control stations, Ex distribution boxes and hazardous area enclosures for use in IECEx areas with flammable gases and dusts. Depending on the application area, the former control stations are designed with the type...

## 1. SELECT THE SIZE OF THE BOX

We provide various dimensions



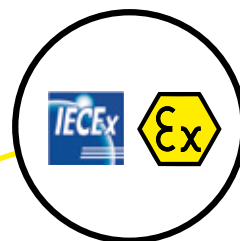
## 2. CUSTOMIZE THE BOX WITH ACTUATORS

Customize your control stations boxes to measure



## 4. DELVALLE GIVES PROJECT AND CERTIFIED ATEX / IECEx

Only one certificate for your custom-made solution



## 3. ADD THE CABLE GLANDS

We fix hazardous-area actuating elements

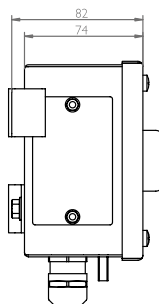
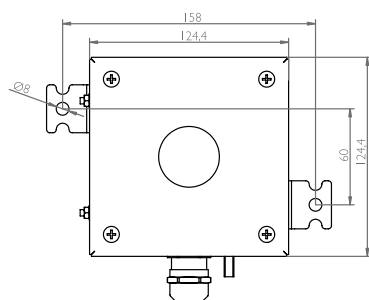




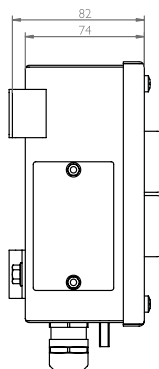
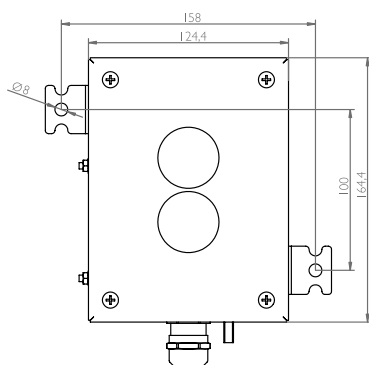
GALVANIZED STEEL

Zones 1, 2, 21 and 22

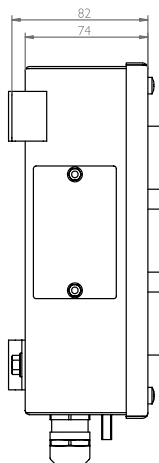
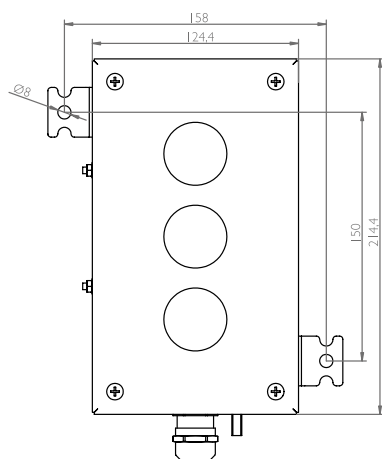
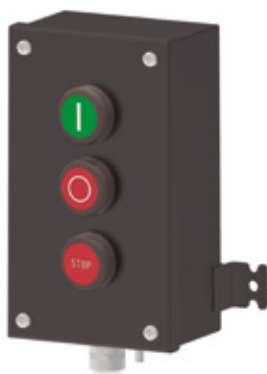
## SELECT THE SIZE OF THE EX PUSH BUTTONS CONTREX-GALVA

REFERENCE  
FOR ONE ACTUATOR BOXES

GEOCSG12I275EX

REFERENCE  
FOR TWO ACTUATORS BOXES

GEOCSG16I275EX

REFERENCE  
FOR THREE ACTUATORS BOXES

GEOCSG21I275EX





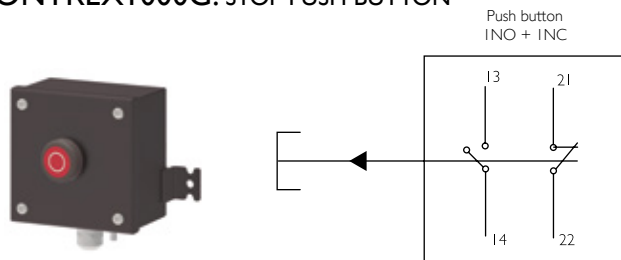
GALVANIZED STEEL

Zones 1, 2, 21 and 22

# PRE-ASSEMBLED GALVANIZED STEEL EX PUSH BUTTONS

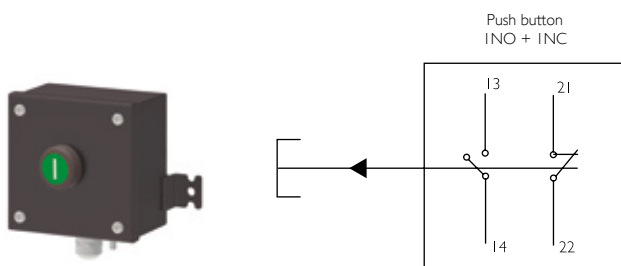
## CONTREX-GALVA SERIES IP66

### CONTREX I000G. STOP PUSH BUTTON



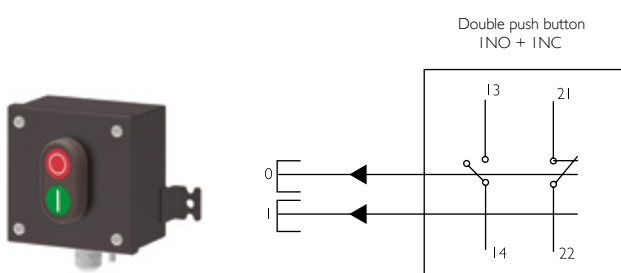
|             |                                                                                                                                                                                                                               |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I000G                                                                                                                                                                                                                 |
| SIZE        | 120x120x75                                                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Stop push button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I010G. START PUSH BUTTON



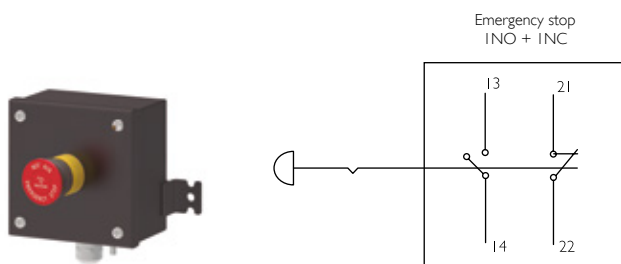
|             |                                                                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I010G                                                                                                                                                                                                                  |
| SIZE        | 120x120x75                                                                                                                                                                                                                     |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Start push button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I020G. DOUBLE PUSH BUTTON

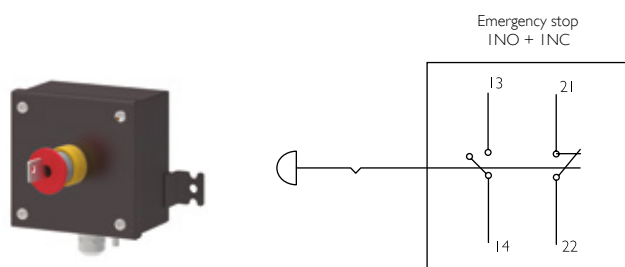


|             |                                                                                                                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I020G                                                                                                                                                                                                                   |
| SIZE        | 120x120x75                                                                                                                                                                                                                      |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Double push button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

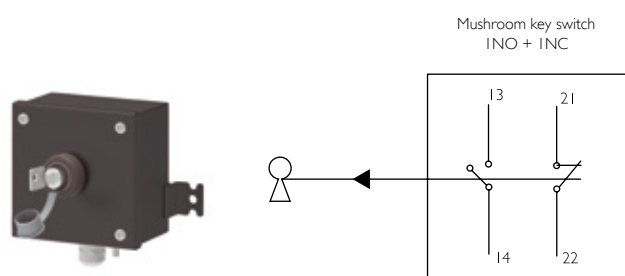
### CONTREX I030G. EMERGENCY STOP BUTTON



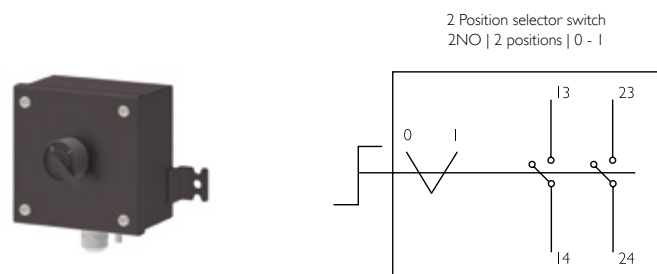
|             |                                                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I030G                                                                                                                                                                                                                      |
| SIZE        | 120x120x75                                                                                                                                                                                                                         |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Emergency stop button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I03 I G. EMERGENCY STOP BUTTON WITH KEY**

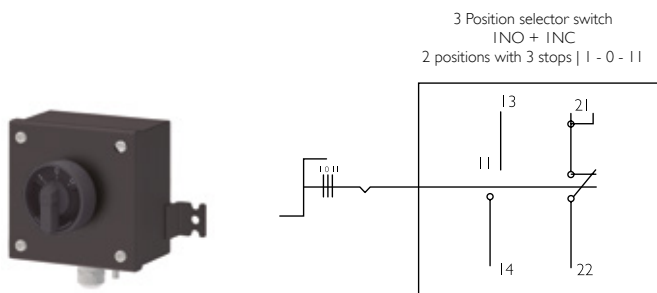
|             |                                                                                                                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I03 I G                                                                                                                                                                                                                         |
| SIZE        | 120x120x75                                                                                                                                                                                                                              |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Emergency stop button with key NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I040 G. MUSHROOM KEY SWITCH**

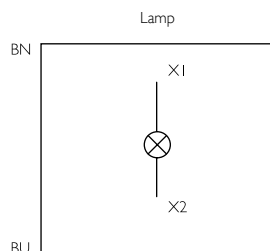
|             |                                                                                                                                                                                                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I040 G                                                                                                                                                                                                               |
| SIZE        | 120x120x75                                                                                                                                                                                                                   |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Mushroom key switch NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I05 I G. 2 POSITION SELECTOR SWITCH**

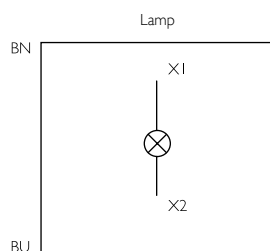
|             |                                                                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I05 I G                                                                                                                                                                                                                |
| SIZE        | 120x120x75                                                                                                                                                                                                                     |
| IT CONTAINS | <ul style="list-style-type: none"> <li>2 position selector switch NO</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I050 G. 3 POSITION SELECTOR SWITCH**

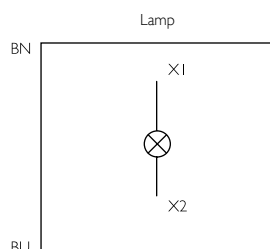
|             |                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I050 G                                                                                                                                                                                                                      |
| SIZE        | 120x120x75                                                                                                                                                                                                                          |
| IT CONTAINS | <ul style="list-style-type: none"> <li>3 position selector switch NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I061. WHITE SIGNAL LAMP**

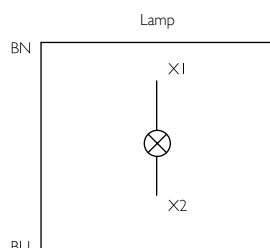
|             |                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I060G                                                                                                                                                                                                          |
| SIZE        | 120x120x75                                                                                                                                                                                                             |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• White signal lamp</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I061. GREEN SIGNAL LAMP**

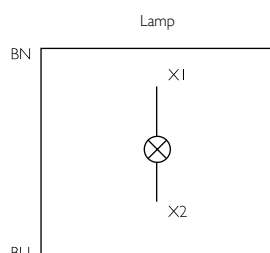
|             |                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I061G                                                                                                                                                                                                          |
| SIZE        | 120x120x75                                                                                                                                                                                                             |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I062. RED SIGNAL LAMP**

|             |                                                                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I062G                                                                                                                                                                                                        |
| SIZE        | 120x120x75                                                                                                                                                                                                           |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Red signal lamp</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

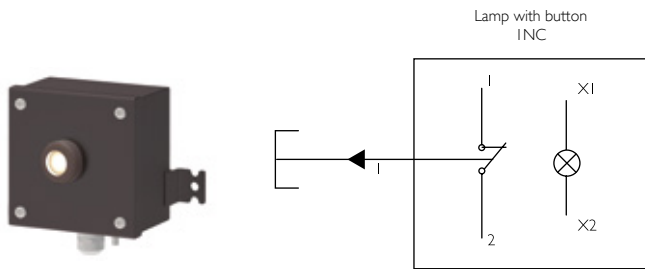
**CONTREX I063. YELLOW SIGNAL LAMP**

|             |                                                                                                                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I063G                                                                                                                                                                                                           |
| SIZE        | 120x120x75                                                                                                                                                                                                              |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Yellow signal lamp</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX I064. BLUE SIGNAL LAMP**

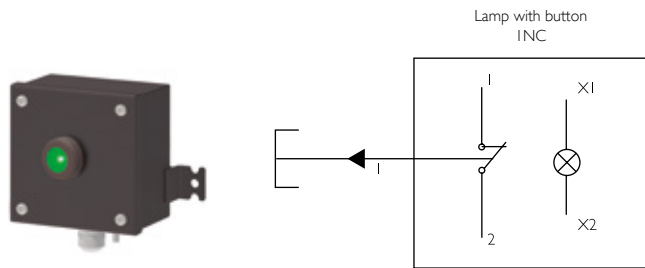
|             |                                                                                                                                                                                                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I064G                                                                                                                                                                                                         |
| SIZE        | 120x120x75                                                                                                                                                                                                            |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Blue signal lamp</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

CONTREX I070G. WHITE SIGNAL LAMP WITH BUTTON NC



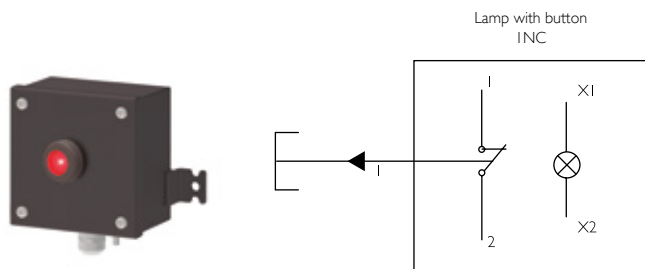
|             |                                                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I070G                                                                                                                                                                                                                      |
| SIZE        | 120x120x75                                                                                                                                                                                                                         |
| IT CONTAINS | <ul style="list-style-type: none"><li>• White signal lamp with button NC</li><li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li></ul> |

CONTREX I071G. GREEN SIGNAL LAMP WITH BUTTON NC



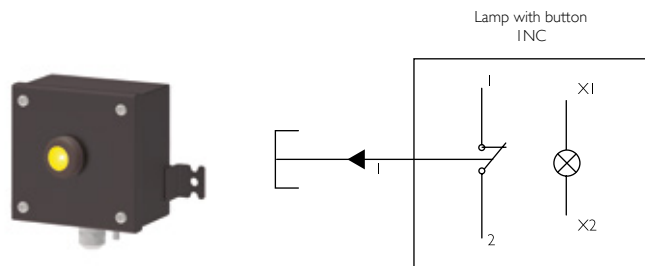
|             |                                                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I071G                                                                                                                                                                                                                      |
| SIZE        | 120x120x75                                                                                                                                                                                                                         |
| IT CONTAINS | <ul style="list-style-type: none"><li>• Green signal lamp with button NC</li><li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li></ul> |

CONTREX I072G. RED SIGNAL LAMP WITH BUTTON NC



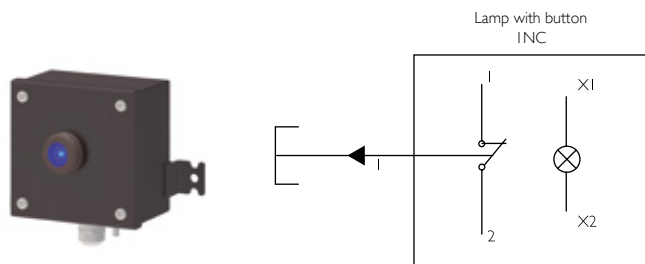
|             |                                                                                                                                                                                                                                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I072G                                                                                                                                                                                                                    |
| SIZE        | 120x120x75                                                                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"><li>• Red signal lamp with button NC</li><li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li></ul> |

CONTREX I073G. YELLOW SIGNAL LAMP WITH BUTTON NC

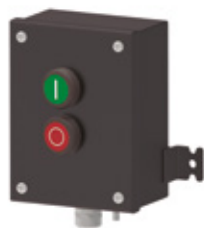
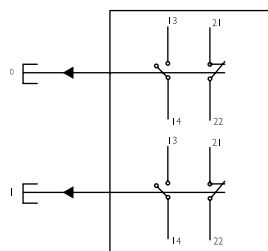


|             |                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I073G                                                                                                                                                                                                                       |
| SIZE        | 120x120x75                                                                                                                                                                                                                          |
| IT CONTAINS | <ul style="list-style-type: none"><li>• Yellow signal lamp with button NC</li><li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li></ul> |

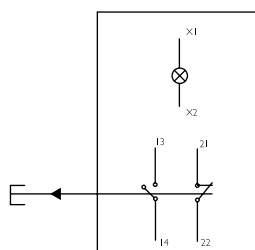
CONTREX I074G. BLUE SIGNAL LAMP WITH BUTTON NC



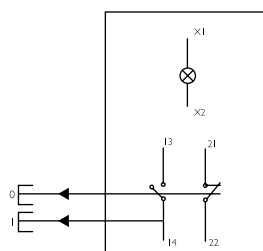
|             |                                                                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I074G                                                                                                                                                                                                                     |
| SIZE        | 120x120x75                                                                                                                                                                                                                        |
| IT CONTAINS | <ul style="list-style-type: none"><li>• Blue signal lamp with button NC</li><li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li></ul> |

**CONTREX2010G. START PUSH BUTTON AND STOP PUSH BUTTON**2 Push buttons or 2 key switches  
INO + INC

|             |                                                                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2010G                                                                                                                                                                                                                                                 |
| SIZE        | 160x120x75                                                                                                                                                                                                                                                   |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Start push button NO + NC</li> <li>Stop push button NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

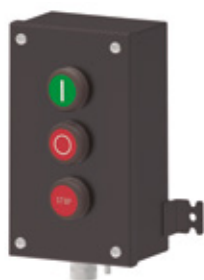
**CONTREX2020G. SIGNAL LAMP AND STOP PUSH BUTTON**Lamp and push button  
INO + INC

|             |                                                                                                                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2020G                                                                                                                                                                                                                                   |
| SIZE        | 160x120x75                                                                                                                                                                                                                                     |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Signal lamp</li> <li>Stop push button NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

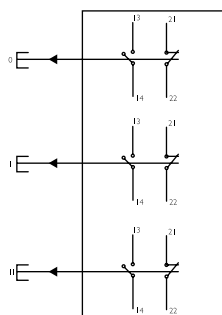
**CONTREX2030G. SIGNAL LAMP AND DOUBLE PUSH BUTTON**Lamp and double push button  
INO + INC

|             |                                                                                                                                                                                                                                                  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2030G                                                                                                                                                                                                                                     |
| SIZE        | 160x120x75                                                                                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Signal lamp</li> <li>Double push button NO + NC</li> <li>Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |



**CONTREX3010G. 3 BUTTONS**

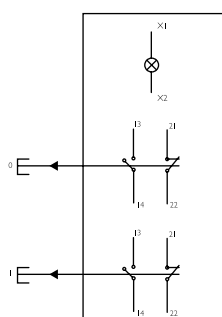
3 Push buttons  
or 3 key switches  
INO + INC



|             |                                                                                                                                                                                                                                                                                                  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3010G                                                                                                                                                                                                                                                                                     |
| SIZE        | 210x120x75                                                                                                                                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Start push button NO + NC</li> <li>• Stop push button NO + NC</li> <li>• Red button NC + NO</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX3020G. SIGNAL LAMP, START PUSH BUTTON AND STOP PUSH BUTTON**

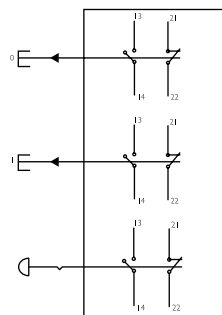
Lamp  
and 2 push buttons  
or key switches  
INO + INC



|             |                                                                                                                                                                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3020G                                                                                                                                                                                                                                                                                  |
| SIZE        | 210x120x75                                                                                                                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Red signal lamp</li> <li>• Start push button NO + NC</li> <li>• Stop push button NO + NC</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX3030G. START PUSH BUTTON, STOP PUSH BUTTON AND EMERGENCY STOP BUTTON**

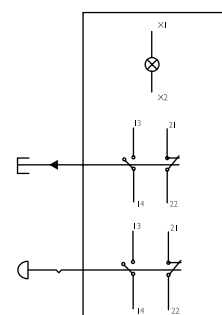
2 Push buttons  
or key switches  
and emergency stop  
INO + INC



|             |                                                                                                                                                                                                                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3030G                                                                                                                                                                                                                                                                                                |
| SIZE        | 210x120x75                                                                                                                                                                                                                                                                                                  |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Start push button NO + NC</li> <li>• Stop push button NO + NC</li> <li>• Emergency stop button NC + NO</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |

**CONTREX3040G. SIGNAL LAMP, STOP PUSH BUTTON AND EMERGENCY STOP BUTTON**

Lamp, push buttons  
or key switch  
and emergency stop  
INO + INC



|             |                                                                                                                                                                                                                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3040                                                                                                                                                                                                                                                                                       |
| SIZE        | 210x120x75                                                                                                                                                                                                                                                                                        |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Red signal lamp</li> <li>• Stop push button NO + NC</li> <li>• Emergency stop button NC + NO</li> <li>• Nickel plated brass for non armored cable M20 (option stainless steel). Option others metrics, other materials, for armored cable,...</li> </ul> |





GRP REINFORCED POLYESTER

Zones 1, 2, 21 and 22

# CONTROL STATIONS AND DISTRIBUTION BOXES

## CONTREX-GRP SERIES



Examples

**Get Control in Any Area  
with Maximum Security  
and Flexibility**

For efficient operation and monitoring of multiple electrical circuits and machinery in explosion hazardous areas, control stations can be tailored to exactly meet application requirements.

Control station GRP product series, and stainless steel are available, certified according to the types of explosion protection "Ex e", "Ex ib" and "Ex tb". Up to 56 operator elements covering various control functions can be integrated in a single control station, depending on enclosure size and series.

➔ **FOR MORE INFORMATION CLICK HERE**





## CERTIFICATES

- Certificates number:
  - IECEx CML I 9.0087X
  - CML I 9 ATEX I 302X
- Tpe protection:
  - II2G Ex db eb (ia/ib) (mb) IICT6,T5 Gb
  - II2D Ex tb IIICT80°C,T95°C Db
- Standard:
  - Directive 2014/34/EU
  - EN IEC 60079-0:2018
  - EN 60079-1:2014
  - EN IEC 60079-7:2015+A1:2018
  - IEC 60079-11:2012
  - IEC 60079-18:2015+A1:2017
  - IEC 60079-31:2014
- Ambient temperature:
  - $-40^{\circ}\text{C} < T_a < +55^{\circ}\text{C}$



## TECHNICAL DATA

- Zones I, 2, 21 and 22.
- Degree of protection: IP66
- Four sizes available in stock.
- Simple assembly.
- IECEx and Atex Certifications.
- Rated voltage: 690V.
- Rated current: max. 16A.
- Component terminal: 2,5mm<sup>2</sup>.
- Material of enclosure: alloy plastic of static resistance.
- Custom solutions and flexible configuration.

## CUSTOMIZE YOUR BOXES MANEUVERS MADE OF REINFORCED POLYAMIDE GRP

1. SELECT THE SIZE OF THE BOX

2. SELECT BASES

3. DETERMINE THE COVERS

4. DELVALLE GIVES PROJECT  
AND CERTIFIED ATEX





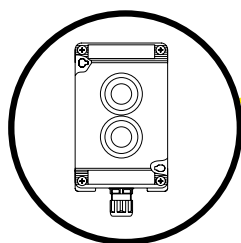
GRP REINFORCED POLYESTER

Zones 1, 2, 21 and 22

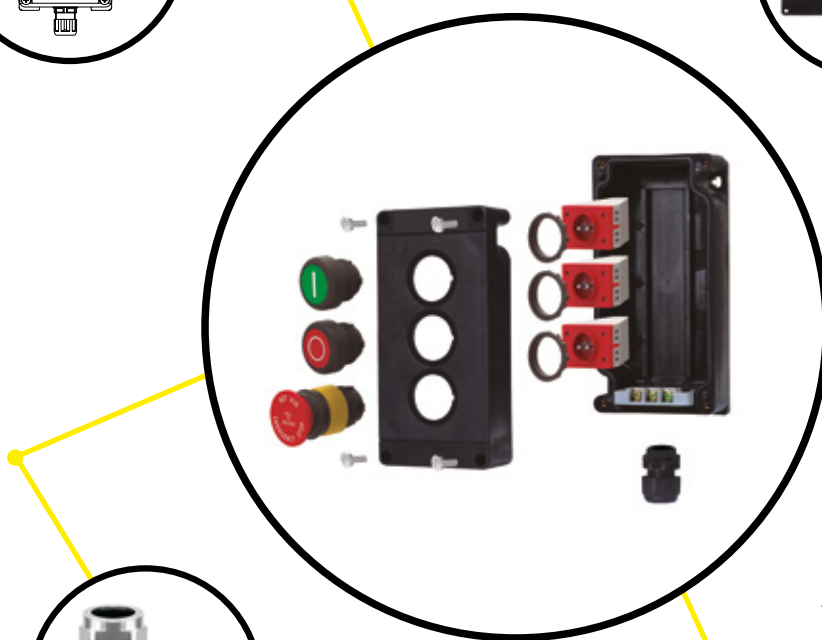
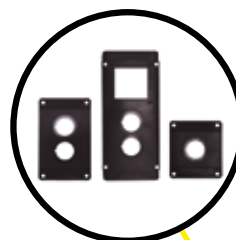
## PERSONALISED GRP REINFORCED POLYESTER CONTROL BOXES

Atex Delvalle produces Ex local control stations, Ex distribution boxes and hazardous area enclosures for use in IECEx areas with flammable gases and dusts. Depending on the application area, the former control stations are designed with the type...

1. SELECT THE SIZE OF THE BOX AND BASES



2. DETERMINE THE COVERS



3. ADD THE CABLE GLANDS

4. DELVALLE GIVES PROJECT AND CERTIFIED ATEX / IECEx

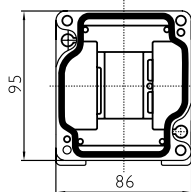
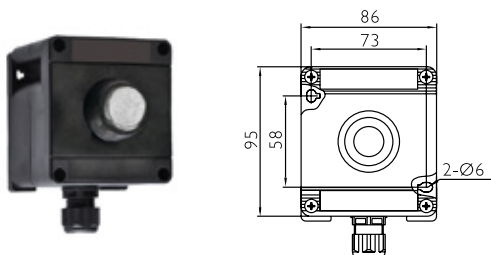




GRP REINFORCED POLYESTER

Zones 1, 2, 21 and 22

# SELECT THE SIZE OF THE BOX

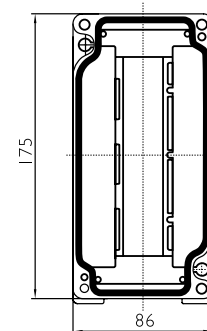
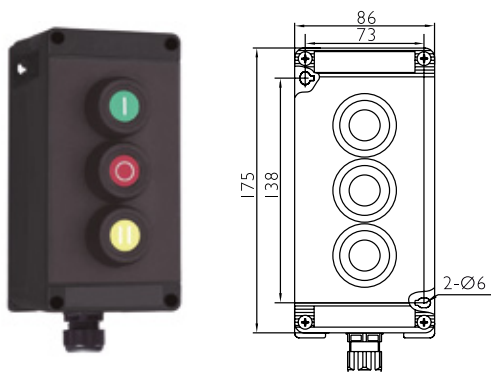
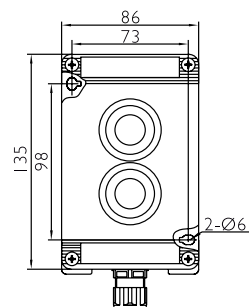
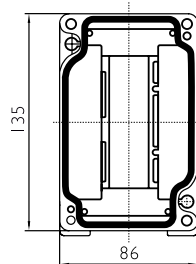


| REF.  | DIM. BOX (mm) | DIM. BASES (mm) |
|-------|---------------|-----------------|
| TIPO1 | 95x86x76      | 98x86x40,5      |

(With a hole at the bottom for M20)

| REF.  | DIM. BOX (mm) | DIM. BASES (mm) |
|-------|---------------|-----------------|
| TIPO2 | 135x86x76     | 138x86x40,5     |

(With a hole at the bottom for M25)

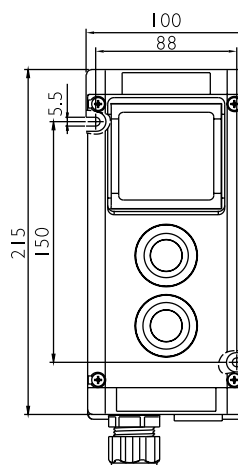
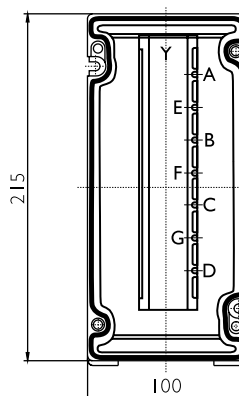


| REF.  | DIM. BOX (mm) | DIM. BASES (mm) |
|-------|---------------|-----------------|
| TIPO3 | 175x86x76     | 178x86x40,5     |

(With a hole at the bottom for M25)

| REF.  | DIM. BOX (mm) | DIM. BASES (mm) |
|-------|---------------|-----------------|
| TIPO6 | 215x100x76    | 218x100x47,5    |

(With a hole at the bottom for M25)





GRP REINFORCED POLYESTER

Zones 1, 2, 21 and 22

# CHOOSE THE GRP POLYESTER COVER



1 IH cover with a machined to couple an actuator. Compatible with type 1 base.

| REF.    | DESCRIPTION               | DIM. (mm) |
|---------|---------------------------|-----------|
| TAPA1IH | COVER C.1 ATEX GRP 1 HOLE | 95x86     |



2 2H cover with two mechanisms for coupling two actuators. Compatible with type 2 base.

| REF.    | DESCRIPTION                | DIM. (mm) |
|---------|----------------------------|-----------|
| TAPA22H | COVER C.2 ATEX GRP 2 HOLES | 135x86    |



2 IV cover machined to an ammeter or voltmeter. Compatible with type 2 base.

| REF.    | DESCRIPTION                     | DIM. (mm) |
|---------|---------------------------------|-----------|
| TAPA2IV | COVER C.2 ATEX GRP WINDOW 57x53 | 135x86    |



3 3H cover with three machined to couple three actuators. Compatible with type 3 base.

| REF.    | DESCRIPTION                | DIM. (mm) |
|---------|----------------------------|-----------|
| TAPA33H | COVER C.3 ATEX GRP 3 HOLES | 175x86    |



3 IH IV cover with machining ammeter and voltmeter and machining for an actuator. Compatible with type 3 base.

| REF.      | DESCRIPTION                    | DIM. (mm) |
|-----------|--------------------------------|-----------|
| TAPA3IHIV | COVER C.3 ATEX GRP 1+ 1x 57X53 | 175x86    |



6 4H cover with four machined to couple four actuators. Compatible with type 6 base.

| REF.    | DESCRIPTION                | DIM. (mm) |
|---------|----------------------------|-----------|
| TAPA64H | COVER C.6 ATEX GRP 4 HOLES | 215x100   |



6 3H cover with four machined to couple four contactors. Compatible with type 6 base.

| REF.    | DESCRIPTION                | DIM. (mm) |
|---------|----------------------------|-----------|
| TAPA63H | COVER C.6 ATEX GRP 3 HOLES | 215x100   |



6 2H IV cover with machining ammeter and voltmeter and two machining for two actuator. Compatible with type 6 base.

| REF.      | DESCRIPTION                    | DIM. (mm) |
|-----------|--------------------------------|-----------|
| TAPA62HIV | COVER C.6 ATEX GRP 2+ 1x 57X53 | 215x100   |



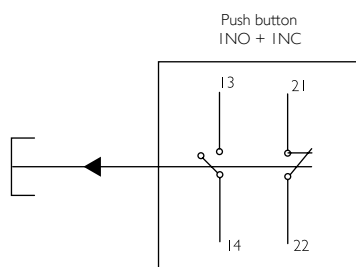
GRP REINFORCED POLYESTER

Zones 1, 2, 21 and 22

# PRE-ASSEMBLED POLYESTER CONTROL BOX

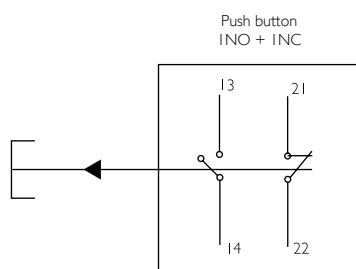
## CONTREX-GRP SERIES

### CONTREX I000GRP. PUSH BUTTON STOP



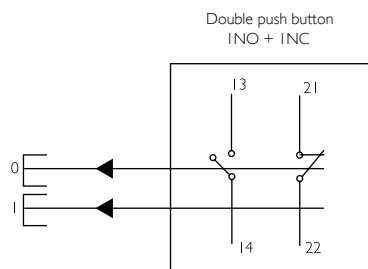
|             |                                                                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I000GRP                                                                                                                                                                                      |
| SIZE        | 95x86x76                                                                                                                                                                                             |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Push button stop NO+NC</li> <li>• Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I010GRP. PUSH BUTTON START



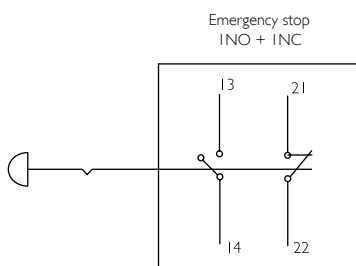
|             |                                                                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I010GRP                                                                                                                                                                                       |
| SIZE        | 95x86x76                                                                                                                                                                                              |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Push button start NO+NC</li> <li>• Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I020GRP. DOUBLE PUSH BUTTON



|             |                                                                                                                                                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I020GRP                                                                                                                                                                                        |
| SIZE        | 95x86x76                                                                                                                                                                                               |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Double push button NO+NC</li> <li>• Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

### CONTREX I030GRP. EMERGENCY STOP BUTTON

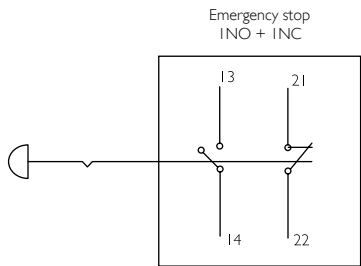


|             |                                                                                                                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I030GRP                                                                                                                                                                                             |
| SIZE        | 95x86x76                                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Emergency stop button NO + NC</li> <li>• Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |



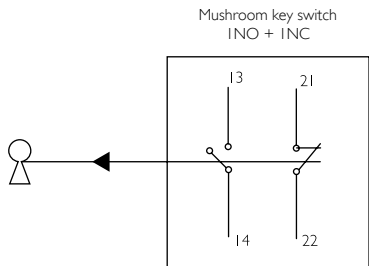
# PRE-ASSEMBLED POLYESTER CONTROL BOX **CONTREX-GRP SERIES**

## CONTREXI03IGRP. EMERGENCY STOP BUTTON WITH KEY



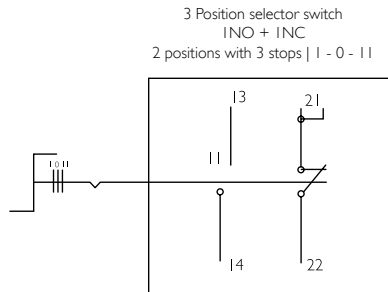
|             |                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREXI03IGRP                                                                                                                                                                                                 |
| SIZE        | 95x86x76                                                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Emergency stop button with key NO+NC</li> <li>Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREXI040GRP. MUSHROOM KEY SWITCH



|             |                                                                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREXI040GRP                                                                                                                                                                                        |
| SIZE        | 95x86x76                                                                                                                                                                                              |
| IT CONTAINS | <ul style="list-style-type: none"> <li>Mushroom key switch NO + NC</li> <li>Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREXI050GRP. 3 POSITION SELECTOR SWITCH



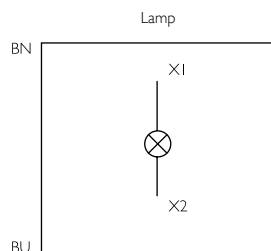
|             |                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREXI050GRP                                                                                                                                                                                               |
| SIZE        | 95x86x76                                                                                                                                                                                                     |
| IT CONTAINS | <ul style="list-style-type: none"> <li>3 position selector switch NO + NC</li> <li>Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |





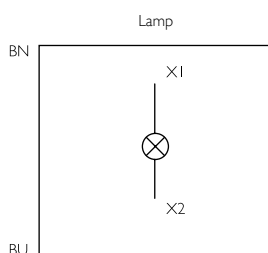
# PRE-ASSEMBLED POLYESTER CONTROL BOX **CONTREX-GRP SERIES**

## CONTREXI060GRP. WHITE SIGNAL LAMP



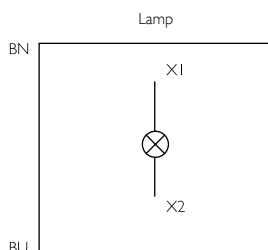
|             |                                                                                                                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREXI060GRP                                                                                                                                                                                  |
| SIZE        | 95x86x76                                                                                                                                                                                        |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• White signal lamp</li> <li>• Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREXI061GRP. GREEN SIGNAL LAMP



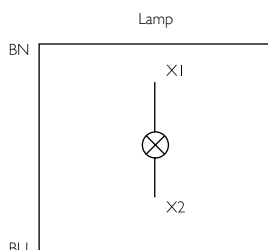
|             |                                                                                                                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREXI061GRP                                                                                                                                                                                  |
| SIZE        | 95x86x76                                                                                                                                                                                        |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp</li> <li>• Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREXI062GRP. RED SIGNAL LAMP



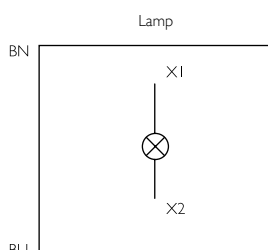
|             |                                                                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREXI062GRP                                                                                                                                                                                |
| SIZE        | 95x86x76                                                                                                                                                                                      |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Red signal lamp</li> <li>• Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREXI063GRP. YELLOW SIGNAL LAMP



|             |                                                                                                                                                                                                  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREXI063GRP                                                                                                                                                                                   |
| SIZE        | 95x86x76                                                                                                                                                                                         |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Yellow signal lamp</li> <li>• Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREXI064GRP. BLUE SIGNAL LAMP



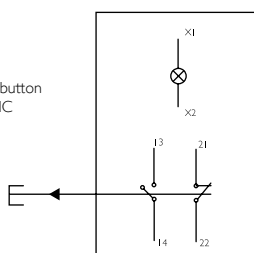
|             |                                                                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREXI064GRP                                                                                                                                                                                 |
| SIZE        | 95x86x76                                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Blue signal lamp</li> <li>• Polyamide M20 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

# PRE-ASSEMBLED POLYESTER CONTROL BOX **CONTREX-GRP SERIES**

## CONTREX I070GRP. WHITE SIGNAL LAMP AND STOP PUSH BUTTON



Lamp and push button  
INO + INC

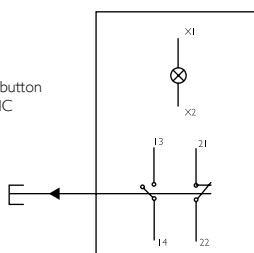


|             |                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I070GRP                                                                                                                                                                                                                     |
| SIZE        | 138x86x76                                                                                                                                                                                                                           |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• White signal lamp</li> <li>• Stop push button NO + NC</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I071GRP. GREEN SIGNAL LAMP AND STOP PUSH BUTTON



Lamp and push button  
INO + INC

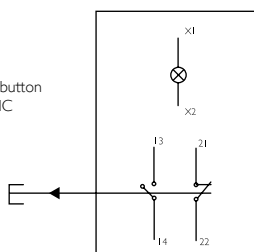


|             |                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I071GRP                                                                                                                                                                                                                     |
| SIZE        | 138x86x76                                                                                                                                                                                                                           |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp</li> <li>• Stop push button NO + NC</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I072GRP. RED SIGNAL LAMP AND STOP PUSH BUTTON



Lamp and push button  
INO + INC

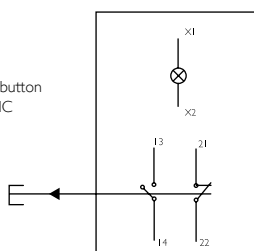


|             |                                                                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I072GRP                                                                                                                                                                                                                   |
| SIZE        | 138x86x76                                                                                                                                                                                                                         |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Red signal lamp</li> <li>• Stop push button NO + NC</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I073GRP. YELLOW SIGNAL LAMP AND STOP PUSH BUTTON



Lamp and push button  
INO + INC

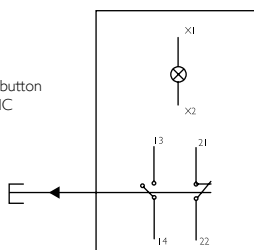


|             |                                                                                                                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I073GRP                                                                                                                                                                                                                      |
| SIZE        | 138x86x76                                                                                                                                                                                                                            |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Yellow signal lamp</li> <li>• Stop push button NO + NC</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I074GRP. BLUE SIGNAL LAMP AND STOP PUSH BUTTON



Lamp and push button  
INO + INC



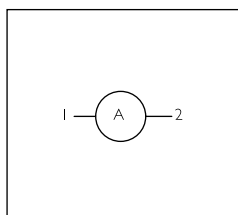
|             |                                                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I074GRP                                                                                                                                                                                                                    |
| SIZE        | 135x86x76                                                                                                                                                                                                                          |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Blue signal lamp</li> <li>• Stop push button NO + NC</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

# PRE-ASSEMBLED POLYESTER CONTROL BOX **CONTREX-GRP SERIES**

## CONTREX I 100GRP. AMMETER 1A



Ammeter

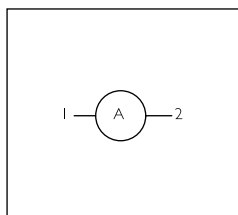


| REFERENCE   | CONTREX I 100GRP                                                                                                                                                                         |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 135x86x76                                                                                                                                                                                |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 1A</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I 101GRP. AMMETER 4A



Ammeter

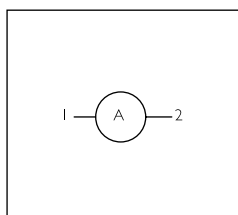


| REFERENCE   | CONTREX I 101GRP                                                                                                                                                                         |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 135x86x76                                                                                                                                                                                |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 4A</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I 102GRP. AMMETER 5A



Ammeter

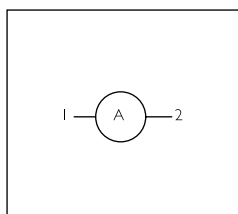


| REFERENCE   | CONTREX I 102GRP                                                                                                                                                                         |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 135x86x76                                                                                                                                                                                |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 5A</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I 103GRP. AMMETER 10A



Ammeter

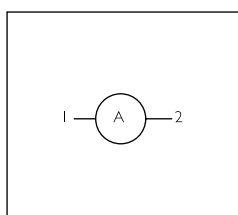


| REFERENCE   | CONTREX I 103GRP                                                                                                                                                                          |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 135x86x76                                                                                                                                                                                 |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 10A</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I 104GRP. AMMETER 15A



Ammeter



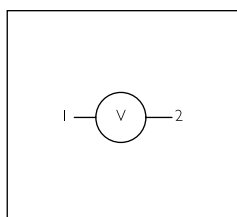
| REFERENCE   | CONTREX I 104GRP                                                                                                                                                                          |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIZE        | 135x86x76                                                                                                                                                                                 |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 15A</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

# PRE-ASSEMBLED POLYESTER CONTROL BOX **CONTREX-GRP SERIES**

## CONTREX I200GRP. VOLTMETER 25V



Voltmeter

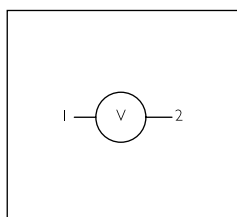


|             |                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I200GRP                                                                                                                                                                             |
| SIZE        | 135x86x76                                                                                                                                                                                   |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 25V</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I201GRP. VOLTMETER 40V



Voltmeter

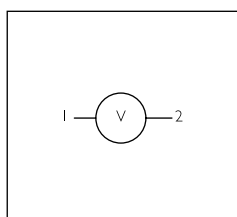


|             |                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I201GRP                                                                                                                                                                             |
| SIZE        | 135x86x76                                                                                                                                                                                   |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 40V</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I202GRP. VOLTMETER 150V



Voltmeter

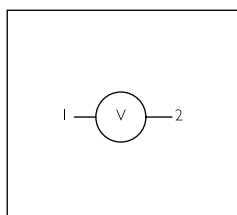


|             |                                                                                                                                                                                              |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I202GRP                                                                                                                                                                              |
| SIZE        | 135x86x76                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 150V</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I203GRP. VOLTMETER 250V



Voltmeter

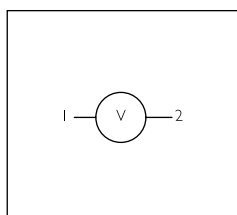


|             |                                                                                                                                                                                              |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I203GRP                                                                                                                                                                              |
| SIZE        | 135x86x76                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 250V</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX I204GRP. VOLTMETER 500V



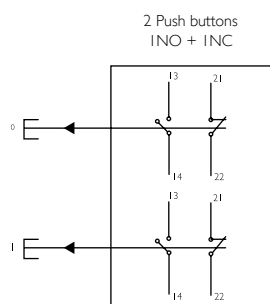
Voltmeter



|             |                                                                                                                                                                                              |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX I204GRP                                                                                                                                                                              |
| SIZE        | 135x86x76                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Voltmeter 500V</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

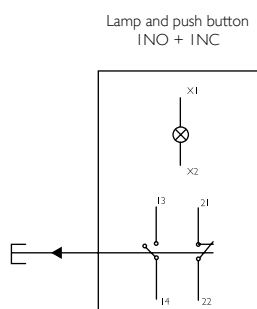
# PRE-ASSEMBLED POLYESTER CONTROL BOX **CONTREX-GRP SERIES**

## CONTREX2010GRP. PUSH BUTTON STOP AND PUSH BUTTON START



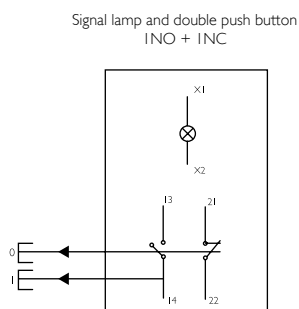
|             |                                                                                                                                                                                                                                           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2010GRP                                                                                                                                                                                                                            |
| SIZE        | 138x86x76                                                                                                                                                                                                                                 |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Push buttons stop NO-NC</li> <li>• Push buttons start NO-NC</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX2020GRP. GREEN SIGNAL LAMP AND PUSH BUTTONS STOP



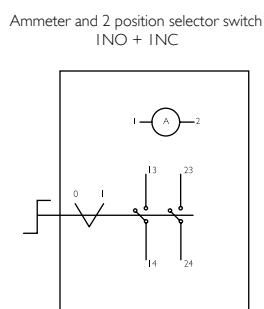
|             |                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2020GRP                                                                                                                                                                                                                      |
| SIZE        | 135x86x76                                                                                                                                                                                                                           |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp</li> <li>• Push button stop NO + NC</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX2030GRP. GREEN SIGNAL LAMP AND DOUBLE PUSH BUTTON



|             |                                                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX2030GRP                                                                                                                                                                                                                        |
| SIZE        | 135x86x76                                                                                                                                                                                                                             |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp</li> <li>• Double push button NO + NC</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX3100GRP. 5A AMMETER AND 2 POSITION SELECTOR SWITCH



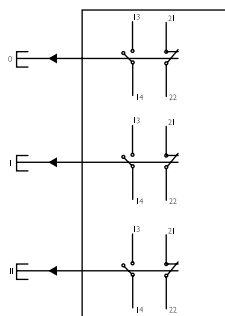
|             |                                                                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3100GRP                                                                                                                                                                                                                    |
| SIZE        | 175x86x76                                                                                                                                                                                                                         |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 5A</li> <li>• 2 position selector switch NO</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

# PRE-ASSEMBLED POLYESTER CONTROL BOX **CONTREX-GRP SERIES**

## CONTREX3010GRP. 3 PUSH BUTTONS



3 Push buttons  
INO + INC

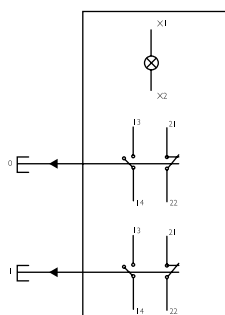


|             |                                                                                                                                                                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3010GRP                                                                                                                                                                                                                                                                  |
| SIZE        | 175x86x76                                                                                                                                                                                                                                                                       |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Push buttons start NO-NC</li> <li>• Push buttons stop NO-NC</li> <li>• Push button yellow NO + NC</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX3020GRP. GREEN SIGNAL LAMP, PUSH BUTTON STOP AND PUSH BUTTON START



Signal Lamp  
anf 2 push buttons  
INO + INC

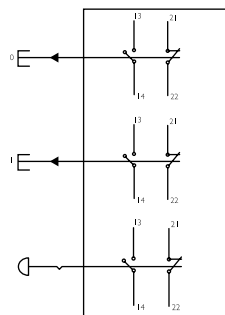


|             |                                                                                                                                                                                                                                                                          |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3020GRP                                                                                                                                                                                                                                                           |
| SIZE        | 175x86x76                                                                                                                                                                                                                                                                |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp</li> <li>• Push button stop NC + NO</li> <li>• Push button start NC + NO</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX3030GRP. PUSH BUTTON START, PUSH BUTTON STOP AND EMERGENCY STOP BUTTON



2 push buttons  
and emergency stop button  
INO + INC

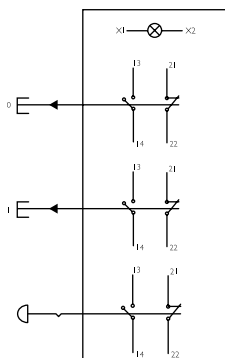


|             |                                                                                                                                                                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3030GRP                                                                                                                                                                                                                                                                          |
| SIZE        | 175x86x76                                                                                                                                                                                                                                                                               |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Push button start NC + NO</li> <li>• Push button stop NC + NO</li> <li>• Push button of emergency NC + NO</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX3040GRP. GREEN SIGNAL LAMP, DOUBLE PUSH BUTTON AND EMERGENCY STOP BUTTON



Signal Lamp  
double push buttons  
and emergency stop button  
INO + INC



|             |                                                                                                                                                                                                                                                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX3040GRP                                                                                                                                                                                                                                                               |
| SIZE        | 175x86x76                                                                                                                                                                                                                                                                    |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Green signal lamp</li> <li>• Double push button NC + NO</li> <li>• Button of emergency NC + NO</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

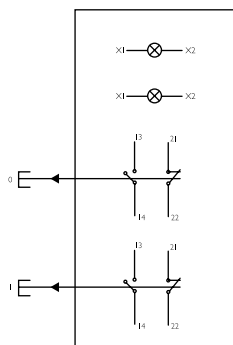


# PRE-ASSEMBLED POLYESTER CONTROL BOX **CONTREX-GRP SERIES**

## CONTREX6010GRP. 2 SIGNAL LAMPS, PUSH BUTTON STOP AND PUSH BUTTON START



2 signal lamps  
and 2 push buttons  
INO + INC

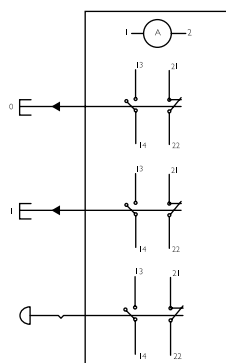


|             |                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX6010GRP                                                                                                                                                                                                                                                                                      |
| SIZE        | 215x100x76                                                                                                                                                                                                                                                                                          |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Red signal lamp</li> <li>• Green signal lamp</li> <li>• Push button stop NC + NO</li> <li>• Push button start NC + NO</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX6020GRP. AMMETER, DOUBLE PUSH BUTTON AND EMERGENCY STOP BUTTON



Ammeter, double push  
button and emergency  
stop button  
INO + INC

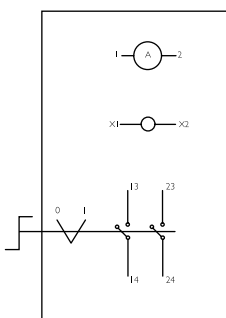


|             |                                                                                                                                                                                                                                                                            |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX6020GRP                                                                                                                                                                                                                                                             |
| SIZE        | 215x100x76                                                                                                                                                                                                                                                                 |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 5A</li> <li>• Double push button NC + NO</li> <li>• Push button of emergency NC + NO</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |

## CONTREX6030GRP. AMMETER, SIGNAL LAMP AND 2 POSITION SELECTOR SWITCH



Ammeter, signal lamp  
and 2 position selector  
switch  
INO + INC



|             |                                                                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE   | CONTREX6030GRP                                                                                                                                                                                                                                                 |
| SIZE        | 215x100x76                                                                                                                                                                                                                                                     |
| IT CONTAINS | <ul style="list-style-type: none"> <li>• Ammeter 5A</li> <li>• Green signal lamp</li> <li>• 2 position selector switch NO</li> <li>• Polyamide M25 cable gland for non armored cable. Option others metrics, other materials, for armored cable,...</li> </ul> |



GRP REINFORCED POLYESTER

Zones 1, 2, 21 and 22

# CONFIGURABLE CONTROL BOXES

## DVT SERIES



Examples

### GRP Mounted Configurable Control Boxes

DVT Series are control boxes made in GRP. DVT are flexible and configurable in measure, terminals, operators and cable glands. DVT enclosures for increased and intrinsically safety zones and are certified for zones 1, 2, 21 and 22.

DVT control boxes are specially designed to carry out controls, operations, signalling in potentially explosive atmospheres. It allows you to carry out work at the machine in dangerous areas and take programming and automation to a safe area. Offering the client, a great combination of possibilities and flexibility. Choose the component that best adjust your control equipment, switches, pushbuttons, ammeters,... and we'll assemble it all for you with an Atex, IECEx certificate.

MECHANICAL PARTS  
GUARANTEE

FOR MORE INFORMATION CLICK HERE



## FEATURES

- Zones I, 2, 2I and 22.
- Protection type: IP66.
- Wide variety of sizes available.
- Mount included.
- Flexible and personalized custom configuration.
- Black boxes are made of antistatic glass fibre reinforced polyester with resistance of impact and static with gasket of silicone.
- Moulded plastic or metal cable glands can be selected.
- Certificates IECEx and Atex.

## OPERATION HEADS

- Zones I, 2, 2I and 22.
- Protection type: IP66.
- Easy installation.
- Flexible and personalized custom configuration.
- Rated Voltage: 690V.
- Rated current: 16A.
- Certificates IECEx and Atex.

## OPTIONS

- Availability internal components for signaling, control, connexion. Possibility of pushbuttons, emergency mushroom, switches, pilots,...
- Choose the size of box.
- Customized design and disposition of components.
- Possibility of a lot of type of cable glands.
- Availability of stainless-steel or galvanized steel manufacturing.

## ADVANTAGES

- Save money and time.
- Customized inputs and outputs.
- Mount included.
- Wide variety of sizes available.
- Atex and IECEx internals components installed.
- Explosion protection.
- International approval, IECEx and Atex.

## STANDARD AND CERTIFICATES

- Zones I, 2, 2I and 22.
- Grado de protección IP66.
- Certificates:
  - IECEx CML 19.0088X
  - CML 19 ATEX 3303X
- Type of protection:
  - II 2GD Ex db eb ib mb IICT5 Gb.
  - Ex ib tb IICT95°C Db.
- Normatives:
  - Directiva 2014/34/EU
- Ambient temperature:
  - $-40^{\circ}\text{C} < t_a < +40^{\circ}\text{C} / 55^{\circ}\text{C}$

### CUSTOMIZE YOUR CONFIGURABLE CONTROL BOXES MADE OF POLYAMIDE GRP

1. SELECT THE SIZE OF THE BOX. FOR A SINGLE ACTUATOR, TWO, THREE,...

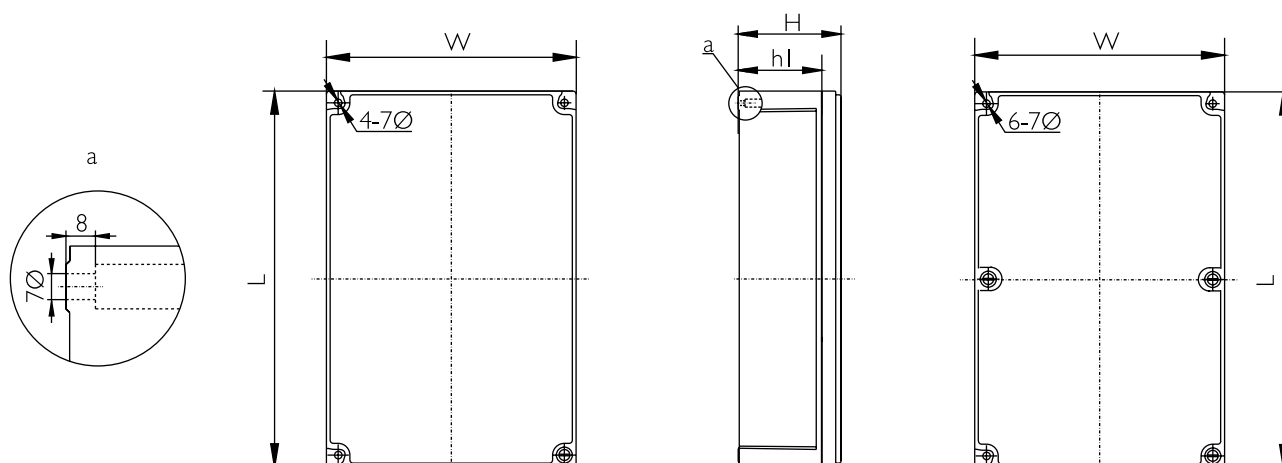
2. DETERMINE THE EX OPERATION HEADS: PUSH BUTTON, SIGNAL LAMP WITH BUTTON,...

3. ADD THE CABLE GLANDS

4. DELVALLE GIVES PROJECT AND CERTIFIED ATEX / IECEx

# CONFIGURABLE CONTROL BOXES **DVT SERIES**

## PLAN AND REFERENCES



| REFERENCES  | FEATURES      |         |         |                 |           |
|-------------|---------------|---------|---------|-----------------|-----------|
| REFERENCES  | MEASURES (mm) |         |         |                 | N° SCREWS |
|             | HEIGHT L      | WIDTH W | DEPTH H | DEPTH OF BOX hl |           |
| DVT200 IGRP | 122           | 122     | 96      | 78              | 4         |
| DVT201 IGRP | 170           | 122     | 96      | 78              | 4         |
| DVT203 IGRP | 220           | 134     | 96      | 78              | 4         |
| DVT2032GRP  | 220           | 134     | 141     | 123             | 4         |
| DVT205 IGRP | 275           | 160     | 96      | 78              | 4         |
| DVT2052GRP  | 275           | 160     | 161     | 143             | 4         |
| DVT2053GRP  | 275           | 160     | 226     | 208             | 4         |
| DVT2054GRP  | 275           | 160     | 161     | 143             | 4         |
| DVT207 IGRP | 352           | 234     | 96      | 78              | 4         |
| DVT2072GRP  | 352           | 234     | 161     | 143             | 4         |
| DVT2073GRP  | 352           | 234     | 231     | 213             | 4         |
| DVT2074GRP  | 352           | 234     | 166     | 148             | 4         |
| DVT208 IGRP | 352           | 352     | 96      | 78              | 4         |
| DVT2082GRP  | 352           | 352     | 161     | 143             | 4         |
| DVT2083GRP  | 352           | 352     | 231     | 213             | 4         |
| DVT2084GRP  | 352           | 352     | 201     | 183             | 4         |
| DVT2085GRP  | 352           | 352     | 136     | 118             | 4         |
| DVT2086GRP  | 352           | 352     | 166     | 148             | 4         |
| DVT2092GRP  | 706           | 352     | 161     | 143             | 6         |
| DVT2093GRP  | 706           | 352     | 231     | 213             | 6         |
| DVT2094GRP  | 706           | 352     | 201     | 183             | 6         |





# EX CONTROL STATIONS AND DISTRIBUTION BOXES



# 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



## HMI INDUSTRIAL PANELS WORKSTATIONS



### FLAMEPROOF ENCLOSURES & PULLING BOXES



### 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**