

Zones I, 2, 21 and 22



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EX SAFETY SWITCHES AND SELECTORS



• WE ARE •
MANUFACTURERS
CERTIFIED

I..21

Delvalle, wide experience in manufacturing solutions for hazardous area



WE PUT AT YOUR DISPOSAL

We offer over **45 years** providing hazardous area **solutions** to demanding customers who require very specific characteristics and behaviour according to the sector and their needs.

WHEREVER YOU GO

We are committed to working closely with our customers, providing them with exceptional service and offering an advanced and **extensive range of hazardous area products** with very competitive prices.

CONSULTING & ENGINEERING

Atex Delvalle adapts to our clients' needs by offering hazardous-area systems. Atex-delvalle are the leading certified assembler of Ex junction boxes, our **customized services**, **experienced design** and drafting 3D support.

HIGH STANDARD OF QUALITY AND SERVICES

We only use materials provided by companies who offer the very highest quality, suitable and certified products. Our success is due to **top quality** assurance: ISO 9001, SGS, UL, TÜV, ISO 14000, Ohsas 1800, Atex, IECEx.



100%
*Entirely designed
and manufactured
in Europe*



CONTACT US

Confidentiality, reliability & quality

www.atexdelvalle.com
atex@atexdelvalle.com
+34 945 601 381

ALSO ONLINE

Please contact our technical sales department.

A team of professionals with high experience and ability to solve all your queries.





Zones 1, 2, 21 and 22

EX SWITCH 2 POSITIONS IP66



Example

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

Atex switches two positions (start-stop), is performed on a stainless steel box anticorrosive according Atex directive 2014/34/UE. They are suitable for use in petrochemical plants, offshore oil companies, refineries,...

➔ **FOR MORE INFORMATION CLICK HERE**

APPLICATIONS

Atex safety switches and selectors are specially designed to perform checks, maneuvers and as actuators in explosive atmospheres. They have a rugged, corrosion proof system and are finished in stainless steel. Allows you to take control of both machines zones 1, 2, 21 and 22

TECHNICAL FEATURES

- Zones 1, 2, 21 and 22.
- Degree of protection: IP66.
- Selector switch 2 position NO.
- Made of stainless steel AISI 304L.
- Cable gland nickel plated brass M20 cable not armed.



EX SWITCH 2 POSITIONS

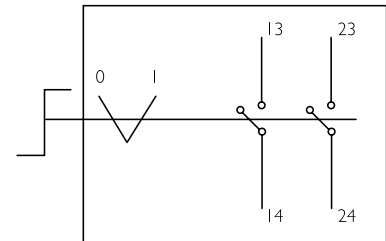
IP66

OPTIONS

- Manufactured in stainless steel AISI 316L EN 14404.
- Available Atex switches with three positions.
- Available Atex flameproof switches.

ELECTRICAL DIAGRAM

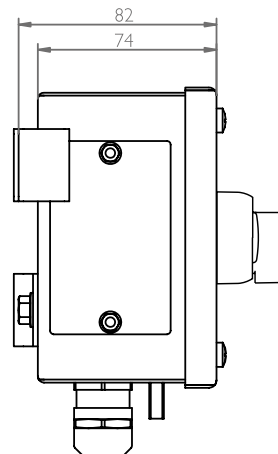
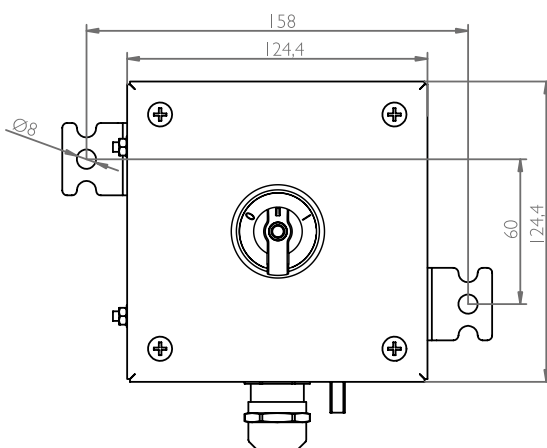
2 Position selector switch
2NO | 2 positions
0 - I



CERTIFICATES

- Certificates number:
 - LOM I4ATEX2082
 - IECEx LOM 18.0001X
- 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

PLANS AND REFERENCE



10 YEARS
STAINLESS
ANTICORROSIVE
GUARANTEE

MADE
TO MEASURE

5 YEARS
MECHANICAL PARTS
GUARANTEE

EX SWITCHES 2 POSITIONS		
REFERENCE	DESCRIPTION	DIMENSIONS (mm)
CONTREX1051	Switches 2 positions (2NO 2 positions 0 - I)	120x120x75



Zones 1, 2, 21 and 22

EX SWITCH 3 POSITIONS IP66



Example

**We Offer High
Atex Reliability**

Atex selectors switches three positions, is performed on a stainless anticorrosive steel box Atex directive 2014/34/UE. They are suitable for use in petrochemical plants, offshore oil companies, refineries,...

➔ **FOR MORE INFORMATION CLICK HERE**

APPLICATIONS

Atex safety switches and selectors are specially designed to perform checks, maneuvers and as actuators in explosive atmospheres. They have a rugged, corrosion proof system and are finished in stainless steel. Allows you to take control of both machines zones 1, 2, 21 and 22

TECHNICAL FEATURES

- Zones 1, 2, 21 and 22.
- Degree of protection: IP66.
- Selector switch 1 NO + 1 NC
2 position with 3 stops (I - 0 - II), latching.
- Made of stainless steel AISI 304L.
- Cable gland nickel plated brass M20.



EX SWITCH 3 POSITIONS

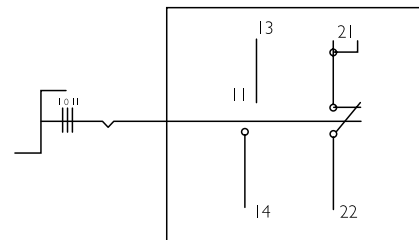
IP66

OPTIONS

- Manufactured in stainless steel AISI 316L EN 14404.
- Available Atex switches with three positions.
- Available Atex flameproof switches.

ELECTRICAL DIAGRAM

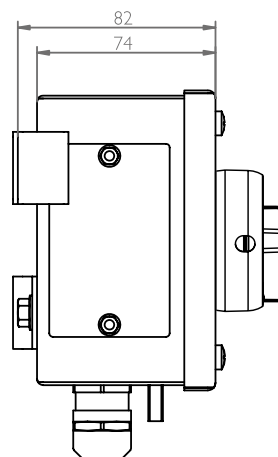
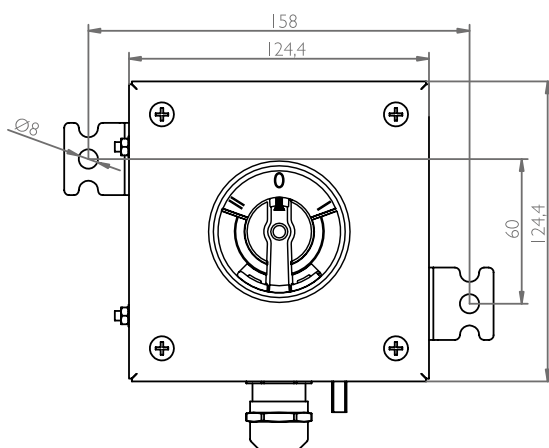
3 Position
selector switch
INO + INC
2 positions
with 3 stops
I - 0 - II



CERTIFICATES

- Certificates number:
 - LOM I4ATEX2082
 - IECEx LOM 18.0001X
- 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

PLANS AND REFERENCE



10
YEARS
STAINLESS
ANTICORROSIVE
GUARANTEE

MADE
TO MEASURE

5
YEARS
MECHANICAL PARTS
GUARANTEE

EX SWITCHES 3 POSITIONS

REFERENCE	DESCRIPTION	DIMENSIONS (mm)
CONTREX I050	Switches 3 positions (INO + INC 2 positions with 3 stops I - 0 - I)	120x120x75



Zones 1, 2, 21 and 22

ATEX FLAMEPROOF SWITCH 16A

IP66

IP67



Example

Model Suitable for Currents Up to 16 A

Breakers, selector switches, connecting switches are of rotating type with its knob on the front.

Model suitable for currents up to 16 A and voltages up to 690 VAC / 660 VDC.

➔ [FOR MORE INFORMATION CLICK HERE](#)

TECHNICAL FEATURES

- Material: aluminum light alloy.
- External screws in stainless steel.
- External epoxy RAL 7000.
- Suitable for currents up to 16 A and voltages up to 690 VAC / 660 VDC.
- The temperature class T6/T85°C considers an ambient temperature extended up to +60°C and class T5/T100°C with an extended up to +80°C
- NPT cable glands.

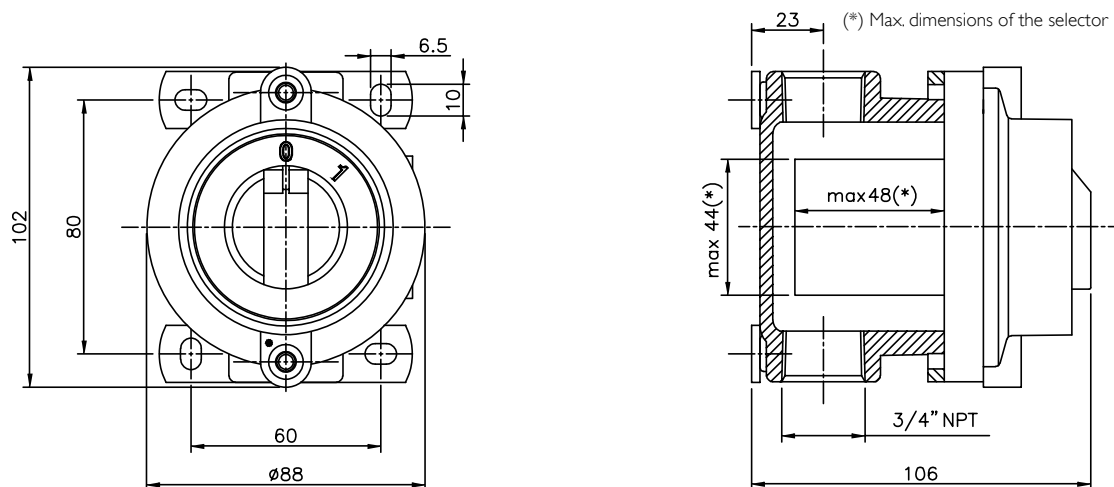
OPTIONS

- Version for group gas IIC.
- Knob pad-lockable.
- Cable entries isometric M25x1.5.

CERTIFICATES

- Zones 1, 2, 21 and 22.
- Degree of protection IP66 / IP67.
- Protection type:
 - II2G Ex d IIB or IICT6÷T5 Gb
 - II2D Ex tb IIIC T85°C÷T100°C Db
- Normative:
 - Directive 2014/34/UE
 - EN IEC 60079-0
 - EN IEC 60079-1
 - EN IEC 60079-31
- Ambient temperature:
 - Standard: -20°C <Ta<+40°C
 - Extended: -50°C <Ta<+80°C

PLAN AND DIMENSIONS



REFERENCES

Reference configuration. Examples: RS I 16--M, RS4 I 6M-N or **RS3 I 6C-M**.

1	2	3	4	5	6
Code	Number of Poles	Max. Current (A)	Switch Function	Special Electrical Diagram	Threading
RS	1: 1 pole 2: 2 poles 3: 3 poles 4: 4 poles	16	1: 1 pole switch C: 3 poles switch D: 2 poles switch I: Reverser switch M: Connecting switch	-	N: NPT threading M: Metric threading
RS	3	16	C	-	M

ATEX SWITCH I6A			
REFERENCES	DESCRIPTION	SWITCH FUNCTION	WEIGHT (g)
RS I 16	1 pole switch	-	700
RS2 I 16	2 poles switch	-	700
RS3 I 16	3 poles switch	-	700
RS4 I 16	4 poles switch	-	700
RS I 16C	1 pole 3 position changeover switch	C	700
RS2 I 16C	2 poles 3 position changeover switch	C	700
RS3 I 16C	3 poles 3 position changeover switch	C	700
RS I 16D	1 pole 2 position changeover switch	D	700
RS2 I 16D	2 poles 2 position changeover switch	D	700
RS3 I 16D	3 poles 3 position changeover switch	D	700
RS_ I	(*) Reverser switch three poles up to 16 A	I	700
RS_ M-	(*) Single or multiple pole connecting switch up to 32 A	"M" followed by diagram code	700

(*) Max. dimensions of the selector

SOLUTIONS FOR HAZARDOUS AREA



With over 50 years of experience in design, manufacture and supply of electrical high quality Atex & IECEx solutions

Atex Delvalle adapts to our clients' needs by offering Hazardous Area enclosures and boxes on demand. They are adapted to your specific requirements of installation and assembly, up to the last detail.

Atex Delvalle designs and manufactures a range of Hazardous Area enclosures; junction and terminal boxes, pressurized, flameproof Ex d and increased Safety Ex e Atex & IECEx compliant enclosures.



ATEX CABLE GLANDS



MOTOR STARTER & LOAD DISCONNECT SWITCHES



ATEX TERMINAL & JUNCTION BOXES



ATEX LIGHTING FIXTURE



FLAMEPROOF ENCLOSURES & PULLING BOXES

HMI INDUSTRIAL PANELS WORKSTATIONS



CONTROL STATIONS & DISTRIBUTION BOXES

Atex control boxes (Contrex Series), they are specially designed to perform checks, maneuvers and as actuators in explosive atmospheres. They have a rugged, corrosion system and finished in stainless steel or GRP polyester. It allows you to perform maneuvers and controls at the machine in hazardous areas and take programming and automation in a safe area. Offering customers a great combination of possibilities and flexibility. Select the component that best suits your operator panels, keypads, mushrooms, switches, ammeters... and you assemble all with Atex certified, Ex & IECEx and UL.



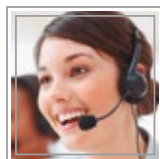
ENCLOSURES FOR CORROSION ENVIRONMENTS

PRESSURIZED PANELS & ATEX PURGE





HAZARDOUS AREA SOLUTIONS ATEX & IECEx



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Contact us, we will be available at any time