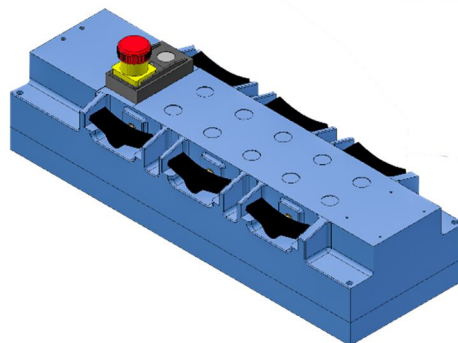




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# FLY

Control panel in Ex execution





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## DESCRIPTION

Explosion Proof hanging pushbutton panel for auxiliary control. Robust and reliable, the FLY is designed for heavy industry in potentially explosive areas.

This sturdy and reliable pendant control panel for auxiliary control, designed for the most demanding uses, was born from the experience of Ariet who has been operating in the market for industrial components suitable for operating in classified areas for over 40 years.

Case, exceptionally robust and available in two sizes 8 and 12 buttons, it is built in a special aluminum alloy with low copper and magnesium content with buttons arranged in 2 parallel rows to couple opposite functions and ensure reduced overall dimensions

## FEATURES

- Butterfly keys in thermoplastic material made with a molding process that guarantee correct command even when operators wear protective gloves, and two-color identification symbols to ensure maximum interpretation security and durability over time.
- Mushroom push button for emergency stop according to EN 418.
- Mechanical life of switches: 1 million operations.
- IP protection degree: IP 66.
- Resistant to extreme temperatures: from -50 ° C to + 55 ° C.
- The materials and components used are resistant to atmospheric agents and guarantee the protection of the device against the penetration of water and dust

## OPTIONS

- Available in configurations from 2 to 12 actuators, arranged on its parallel rows.
- Switches with NO or NC contacts, with one or two speeds.
- Double switches with mechanical lock to avoid simultaneous operation of opposite functions.
- Wide range of actuators: pushbuttons, selectors and key-operated selectors, gems, mushroom pushbuttons, or Snap-On with rotation release.

Maximum voltage: 380 V

Maximum current: 10 A

Frequency: 50 / 60Hz

Anti-condensation heaters

## CABLE ENTRIES

There are two possible cable entries, with the following threads:

Conic:

½ "• 1" UNI 6125 GK

½ "• 1" NPT



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cylindrical:

M20 • 32 x 1.5 ISO 965/1 and ISO 965/3 medium class

½ " • 1" UNI / ISO228

#### CERTIFICATION

Conformity to ATEX Directive 2014/34 / UE

EN 60079-0 Explosive atmospheres. Equipment general requirements

EN 60079-1 Explosive atmospheres. Equipment protection by flameproof enclosures "d"

EN 60079-31 Explosive atmospheres. Equipment dust ignition protection by enclosure "t"

Conformity to the IECEx Certification Scheme

EN 60079-0 Explosive atmospheres. Equipment general requirements

EN 60079-1 Explosive atmospheres. Equipment protection by flameproof enclosures "d"

EN 60079-31 Explosive atmospheres. Equipment dust ignition protection by enclosure "t"

Certificates:

ATEX: INERIS 12ATEX0085X

IECEX: IECEX INE 12.0059X

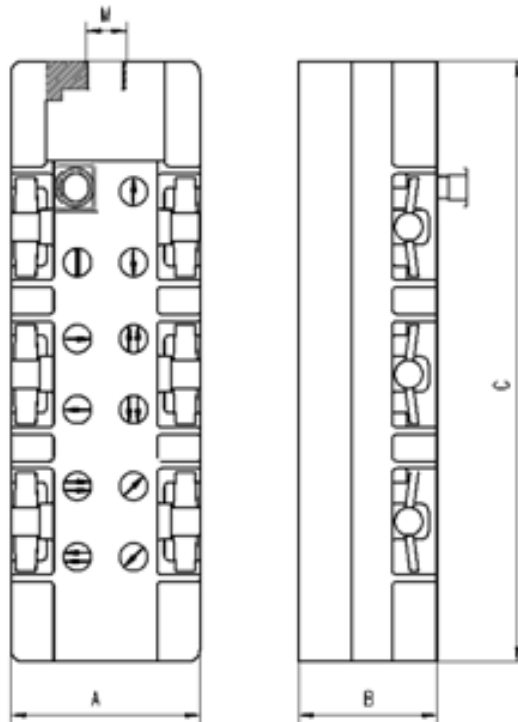
Types of protection

Ex d IIB / IIC T6 Gb



Ex tb IIIC Db T85 ° C IP 66



## DIMENSION



TYPE TIPO	A	B	C	M
FLY 8 [mm]	135	99	424	M32*1.5
FLY 12 [mm]	135	99	320	M32*1.5

Product quality assurance: INERIS 05 ATEX Q708   INERIS FR/INE/QAR11.0005/07