

EFDC Series... Control and signalling station



CROSS-SECTION VIEW



MECHANICAL FEATURES OF ENCLOSURES

EFDC series control and monitoring units are suitable for the control and signalling of devices, both on board the machine or remotely, and are used in the chemical, petrochemical and pharmaceutical industries, and any location which requires an explosion proof system. A feature of this station is the ability to mount up to four operators on the cover.

MECHANICAL FEATURES OF ENCLOSURES

Body and lid:	Low copper content aluminium alloy, complete with wall fastening lugs.
Gaskets:	Acid, hydrocarbon and high temperature resistant silicon positioned between the body and the cover
Certification label:	Adhesive affixed to external surface
Screws:	Stainless steel
Earth screw:	Internal M5 on body and lid connected by a 2.5 mm wire ²
Coating:	Polyester RAL 7035 (Light grey)
Threaded entries:	One upper and one lower Ø 1"

Resistenza alla corrosione :

The STANDARD of the aluminium alloy used by Cortem has passed the tests required by standards EN60068-2-30 (hot-humid cycles) and EN60068-2-11 (salt fog test)

MECHANICAL FEATURES OF CONTROL AND SIGNALLING DEVICES

Pushbutton:	Coloured nylon
Illuminated pushbutton:	Clear coloured polycarbonate
Control lever:	Aluminium alloy
Badge:	Anodised aluminium, white lettering on black background
Outer body:	Aluminium alloy
Internal bushing and pin:	Stainless steel
Gaskets:	Acid and hydrocarbon resistant NBR
Station assembly:	Screwed onto cover
Contacts assembly:	Snap action on an appropriate flange to ensure the quick connection of entire contacts block to the station
External body lens:	Impact and UV resistant polycarbonate lens, coloured or transparent

ELECTRICAL FEATURES

Contacts for pushbuttons:	Max. 10A 600 V
Switches:	16A, 690 V
Indicator lights:	24/250V, 3W

ACCESSORIES UPON REQUEST / SPECIAL REQUESTS

RAL 2004 (Pure orange) internal anti-condensation coating
 External polyester coatings in various colours (specify RAL colour)
 Cable gland / fittings