

CPEx

CONTROL AND SIGNALING BUTTONS FOR EXPLOSIVE ATMOSPHERES

PROTECTION: Ex d – Ex tb

ZONES: 1 and 2 – 21 and 22

GROUPS: IIB – IIIC

TEMPERATURE CLASS: T6 –T85 °C

EPL: Gb – Db

DEGREE OF PROTECTION: IP66

APPLICABLE STANDARDIZING:

ABNT NBR IEC 60079-0

ABNT NBR IEC 60079-1

ABNT NBR IEC 60079-31



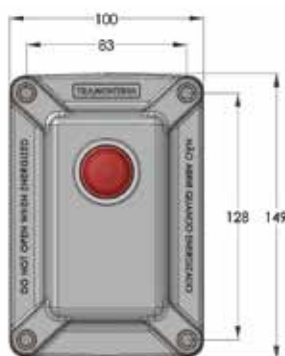
TECHNICAL SPECIFICATIONS

- Buttons with **Ex d** (explosion-proof) and **Ex tb** (combustible dust) protection for installation in potentially explosive atmospheres.
- Made in copper-free **aluminum alloy** resistant to corrosion.
- **3/4" or 1" NPT** threaded entries.
- Cover attached to body with internal **stainless steel** hex head bolts.
- **Electrostatic powder coating** finish in gray Munsell N 6.5 polyester.
- O'ring seal installed on the cover.
- Bolts, grounding connectors, and non-rotating stainless steel plate.
- 3 different models: **single, double, and triple boxes.**

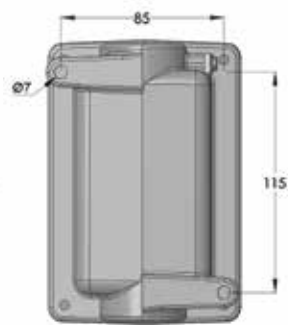
Injected boxes feature an excellent finish.

TECHNICAL INFORMATION

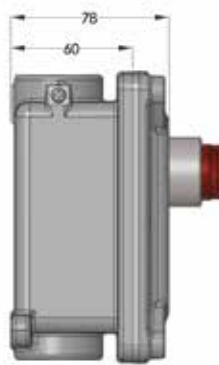
CPEX-1 Weight: 0,85 kg - Volume: 0,33 dm³



View from above



View from below



Side view



Example of CPEX-1 box mounted with 1 actuator.

CPEX-2 Weight: 0,88 kg - Volume: 0,33 dm³



View from above



View from below



Side view

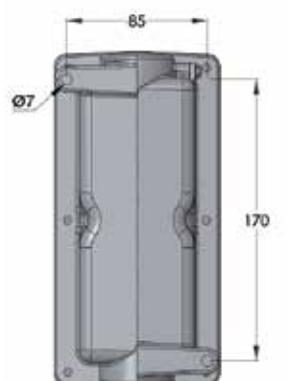


Example of CPEX-2 box mounted with 2 actuators.

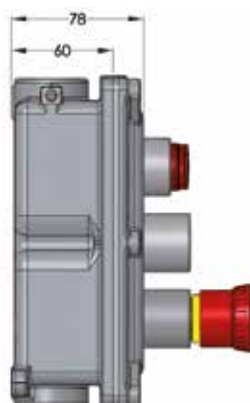
CPEX-3 Weight: 1,21 kg - Volume: 0,50 dm³



View from above



View from below



Side view



Example of CPEX-3 box mounted with 3 actuators.

CPEx

HOW TO REQUEST

BOX REFERENCE

MODEL	ENTRIES	REF.
 CPEx-1	2 x 3/4" NPT	CPEx11
	2 x 1" NPT	CPEx12
 CPEx-2	2 x 3/4" NPT	CPEx21
	2 x 1" NPT	CPEx22
 CPEx-3	2 x 3/4" NPT	CPEx31
	2 x 1" NPT	CPEx32



ACTUATOR REFERENCE

MODEL	REF.
 Single push button	PS ...
 Emergency push button Pull to Release	PEP ...
 Rotary emergency push button	PEG ...
 Rotary emergency push button with key	PEC ...
 Indicator light with LED	IL ...

Example 1:

COMPONENTS	REF.	REF. FINAL
CPEx-2 box with two 3/4" NPT entries	CPEx21	CPEx21 + PSVD10 + PSVM01
Single push button green NA	PSVD10	
Single push button red NF	PSVM01	

Example 2:

COMPONENTS	REF.	REF. FINAL
CPEx-3 box with two 1" NPT entries	CPEx32	CPEX32 + ILVM22 + PSVD10 + PEG11
Indicator LED light red 220 V	ILVM22	
Single push button green NA	PSVD10	
Rotary emergency push button NA+NF	PEG11	

Note:

Pages 167, 168, and 169 include supplementary technical information (colors, contacts, and voltage) of specific buttons.