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ComEx control stations

Features

- 3 standard enclosures
- Easy to install
- Extremely flexible
- Customer-tailored solutions

Description

ComEx is a flexible system offering standard as well as customer-specific local control and indicating units.

You have the choice between three standard enclosures which can accomodate up to three different control and indicating devices. Combinations of up to three ComEx enclosures are possible.

Either stuffing box glands in M20 x 1.5 and M25 x 1.5 made of plastic or cable glands made of metal are available for the electrical connection.

The plastic glands require no lock nuts.

Metal glands are screwed into a metal earth plate sheet inside of the enclosure. Maximum amount of cable clands: two off M20.

To ensure easier operation on site, each enclosure can be equipped with an individual info-label.

For offshore applications special oil-resistant attachments are available.

Explosion protection

Ex protection type
Ⓔx II 2G Ex ed IIC T6
Ⓔx II 2D Ex tD A21 IP 67 T 80 °C

Class I, Zone 1 AEx ed IIC, Ex ed IIC
Class I, Division 2 Groups A, B, C, D
Ex ed IIC, T6

Certification
PTB 00 ATEX 1068
UL E184198
IECEx PTB 08.0022
INMETRO 2004 EC 02 CP003

Permissible ambient temperature
-55 °C to +60 °C
(-20 °C to +60 °C for Zone 21 and 22)

Technical data

Connection
Terminals 2.5 mm²

PE conductor terminals
4 x 2.5 mm²

Rated insulation voltage
max. AC 690 V

Nominal current
max. 16 A

Cable entry
M 20 x 1.5 for cable ∅ 6 to 13 mm
M 25 x 1.5 for cable ∅ 7 to 12 mm
M 25 x 1.5 for cable ∅13 to 21 mm

Enclosure
Thermoplastic

Protection class
IP 66/IP 67

03-0330-0189/A-07/10-BCS-200863/1

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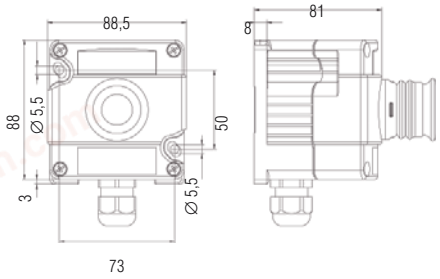
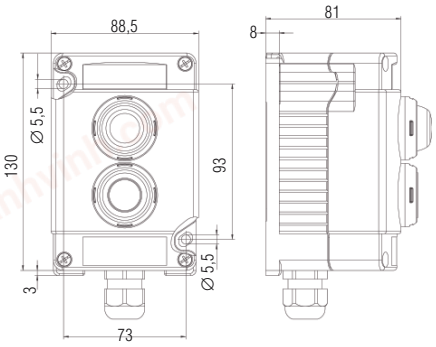
Dimensions fully pre-assembled units also for Zone 21 and Zone 22

BARTEC

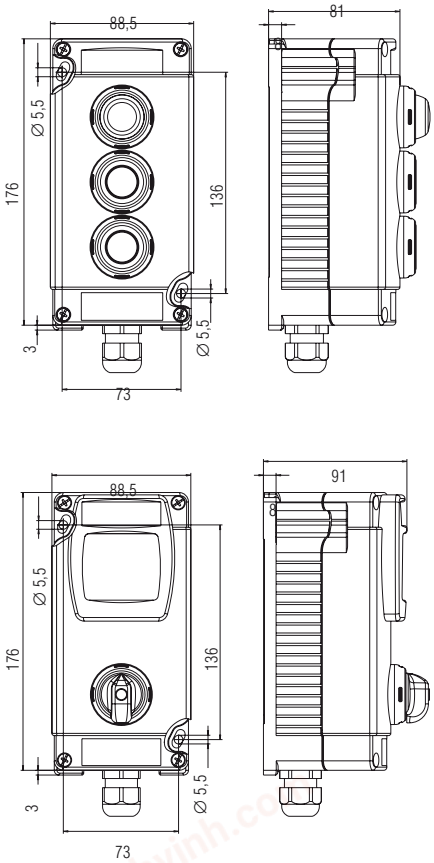
Control unit, single Type 07-3511-....



Control station, double Type 07-3512-....



Control station, triple Type 07-3513-....



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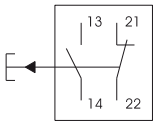
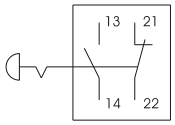
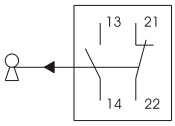
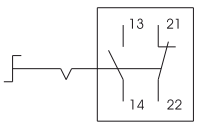
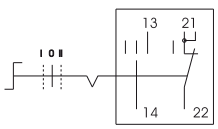
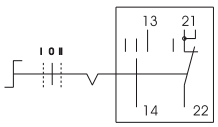
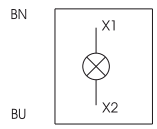
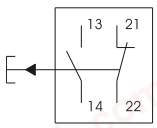
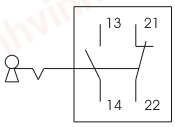
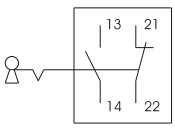
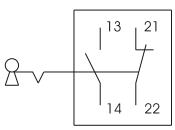
Selection chart

	Wiring diagram	Description	Weight	Order no.
		**1 pushbutton** 1 NO + 1 NC incl. labels red, green, yellow, white	0.33 kg	**07-3511-10P74**
		**1 NOT/AUS Emergency Stop** 1 NO + 1 NC marked NOT/AUS and Emergency-Stop	0.36 kg	**07-3511-10N84**
		**1 Mushroom Keyswitch** 1 NO + 1 NC with key to reset	0.40 kg	**07-3511-10K34**
		**1 Selector switch** 1 NO + 1 NC, 2 position with 2 stops 0 and I, latching	0.35 kg	**07-3511-10S94**
		**1 Selector switch** 1 NO + 1 NC, 3 position with 3 stops I - 0 - II, latching	0.35 kg	**07-3511-10S04**
		**1 Selector switch** 1 NO + 1 NC, 3 position with 3 stops I - 0 - II, momentary-contact	0.35 kg	**07-3511-10S14**
		**1 Lamp** red green yellow white	0.35 kg	**07-3511-10LRR** **07-3511-10LGG** **07-3511-10LYY** **07-3511-10LWW**
		**1 Mushroom Pushbutton**, black 1 NO + 1 NC	0.35 kg	**07-3511-10P84**
		**1 Keyswitch** 1 NO + 1 NC lockable in both positions	0.40 kg	**07-3511-10K04**
		**1 Keyswitch** 1 NO + 1 NC lockable in the pushed-in-position	0.40 kg	**07-3511-10K14**
		**1 Keyswitch** 1 NO + 1 NC lockable in the initial position	0.40 kg	**07-3511-10K24**

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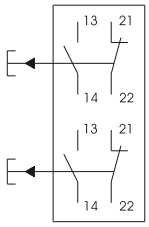
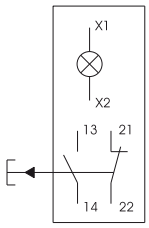
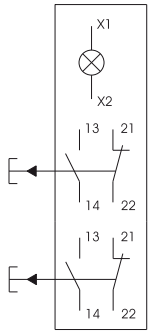
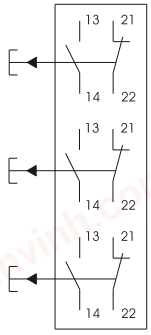
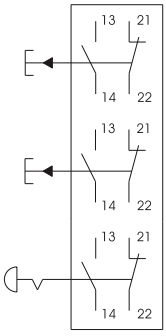
Selection chart

	Wiring diagram	Description	Weight	Order no.
		**2 pushbuttons** 1 NO + 1 NC each including key labels	0.50 kg	**07-3512-10P74P74**
		**1 indicator lamp, 1 pushbutton** with indicated lamp red green yellow white blue 1 NO + 1 NC	0.52 kg	**07-3512-10LRRP74** **07-3512-10LGGP74** **07-3512-10LYYP74** **07-3512-10LWWP74** **07-3512-10LBBP74**
		**1 indicator lamp, 2 pushbuttons** with indicated lamp red green yellow white 1 NO + 1 NC each	0.70 kg	**07-3513-10LRRP74P74** **07-3513-10LGGP74P74** **07-3513-10LYYP74P74** **07-3513-10LWWP74P74**
		**3 pushbuttons** 1 NO + 1 NC each including key labels	0.68 kg	**07-3513-10P74P74P74**
		**2 pushbuttons** **1 emergency stop button** 1 NO + 1 NC each	0.70 kg	**07-3513-10P74P74N84**