

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

ATEX Ⓔx II 2G Ex ed IIC T6
Ⓔx II 2D Ex tD A21 IP 65, IP 66, IP 67 T80 °C

Certification
PTB 00 ATEX 1068

IECEx Ex ed IIC T6
Ex tD A21 IP 65, IP 66, IP 67 T80 °C

Certification
IECEx PTB 08.0022

Further approvals
UL, CSA, GOST, KTL, INMETRO, DNV

Other approvals and certificates, see www.bartec-group.com

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

Product printing
Standard: ATEX and IECEx marking.
Other markings on request.
Please specify in plain text.

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

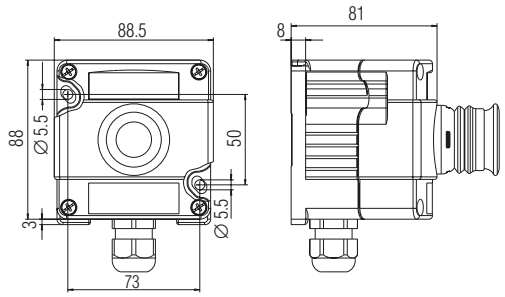
Cable entry
M20 x 1.5 for cable ∅ 7 to 13 mm
M25 x 1.5 for cable ∅ 7 to 12 mm
M25 x 1.5 for cable ∅ 10 to 17 mm

Enclosure
Thermoplastic

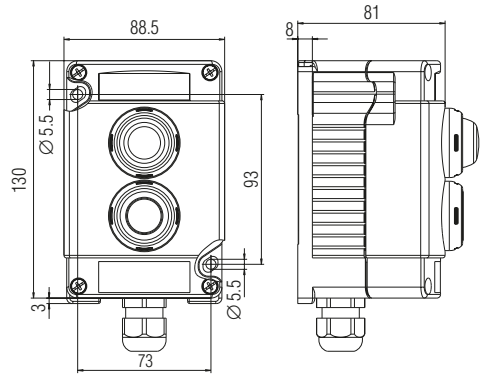
Protection class
up to IP 66/IP 67

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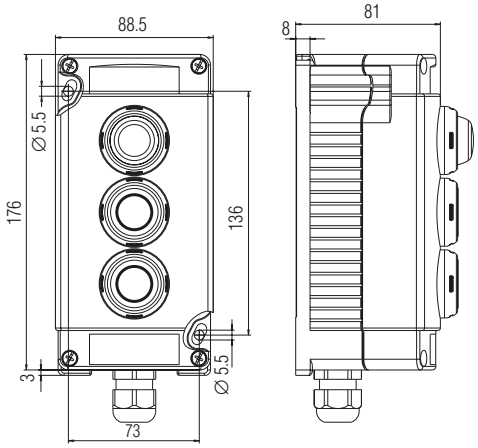
Control unit, single Type 07-3511-....



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



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



Selection chart Actuator elements

Illustration	Description	Code no.
	**Pushbutton** with rubber membrane and with five loose labels: red, green, yellow, white, black	**P7**
	**Double pushbutton actuator** with rubber membrane, 5 loose labels in red, green, yellow, white, black	**P2**
	**Emergency/Stop** marked 'NOT/AUS EMERGENCY/STOP'	**N8**
	**Locking mushroom push button** pushed in without a key unlocked with a key DOM lock 4 A 185	**K3**
	**Mushroom pushbutton**, black	**P8**
	**Position selector switch** 2 positions, 0 + I latching	**S9**
	**Position selector switch** 3 positions I-0-II I + II latching I + II momentary-contact I latching, II momentary-contact I momentary-contact, II latching	 **S0** **S1** **S2** **S3**

Illustration	Description	Code no.
	**Lock** (DOM) lockable in both positions key retractable in both positions lock 4 A 185 lockable in its depressed position, key retractable in its depressed position lock 4 A 185 lockable in its initial position, key retractable in its initial position lock 4 A 185 (tip lock)	**K0** **K1** **K2**
	**Lock** (RONIS) lockable in both positions key retractable in both positions lock 445	**K4**
	**Lock** (RONIS) Lock 455 2 switching positions 0-I latching, key retractable 2 switching positions 0-I momentary contact, position I key not retractable 3 switching positions I-0-II latching on both sides, key retractable	 **E0** **E1** **E2**
	**Lamp** red green yellow white blue	 **LR** **LG** **LY** **LW** **LB**
	**Illuminated button actuator** red green yellow white blue	 **TR** **TG** **TY** **TW** **TB**
	**Blanking plug** black, to cover unused holes in the front panel	**B1**
	**Potentiometer actuating element** black, scale 1 - 10	**D0**

Selection chart Modules

Illustration	Description	Code no.
	**Switch module**	
	1 NC/1 NO	**4**
	2 NC	**1**
	2 NO	**2**
	**Indicator light**	
	red	**R**
	green	**G**
	yellow	**Y**
	white	**W**
	blue	**B**
	**Illuminated button**	
	red 1 NO	**RB**
	green 1 NO	**GB**
	yellow 1 NO	**YB**
	white 1 NO	**WB**
	blue 1 NO	**BB**
	red 1 NC	**RA**
	green 1 NC	**GA**
	yellow 1 NC	**YA**
	white 1 NC	**WA**
	blue 1 NC	**BA**
	**Potentiometer**	
	Resistance values	
	1 kΩ	**4**
	2.2 kΩ	**5**
	4.7 kΩ	**6**
	10 kΩ	**7**
	**Terminal block**	
	with 6 modular terminals 2.5 mm², Ex e II	**6**

Complete order no.

Actuator element resp. Lamp module operator

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Switch module resp. Indicator light or Terminal block

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Measuring instrument

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Please insert code number.

Control unit, single **07-3511-10**

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Control unit, double **07-3512-10**

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Control unit, double **07-3512-10**

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Control unit, triple **07-3513-10**

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Control unit, triple **07-3513-10**

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Technical data subject to change without notice.

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