

ComEx Actuating elements

Features

- Easy installation
- Certified for Zone 1 and 21
- High IP degree of protection

Description

A large number of variants and versions of actuating elements are available for the ComEx control and indicator units. All actuating elements are made of high-quality thermoplastic and conform to the IP 66/ IP 67 type of protection.

To complete the actuating elements, there are useful accessories such as e. g. label holders, marking tags, metal shroud or nut wrench. Actuating elements for increased resistance to oil are available too.

The actuating elements are mounted quickly and easily onto the ComEx control and indicating devices. Use in Zone 1 and 21 is certified.

Explosion protection

Ex protection type

ATEX Ⓔx II 2G Ex e IIC Gb
Ⓔx II 2D Ex tb IIIC Db

Certification
CML 13 ATEX 3010 U

IECEx Ex e IIC Gb
Ex tb IIIC Db

Certification
IECEx CML 14.0005 U

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

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

Ambient and operating temperature range
-55 °C to +70 °C

Technical data

Storage and transport temperature
-55 °C to +70 °C

Protection class
min. IP 66

Weight
see table

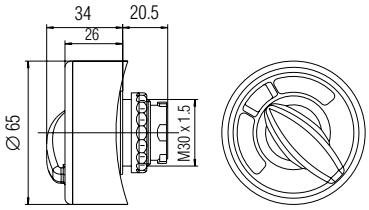
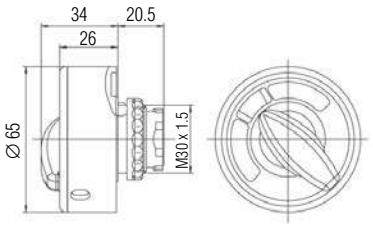
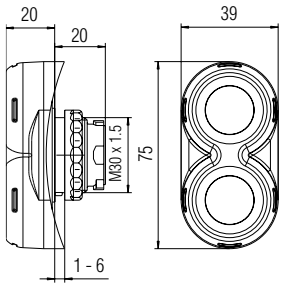
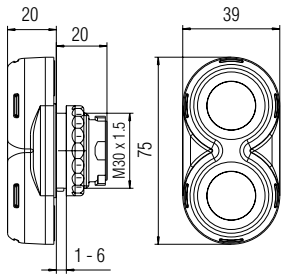
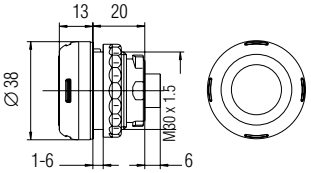
Impact resistance
7 Nm (Lamp actuators 4 Nm)

Material
Enclosure thermoplastic

Fastening
Installation in enclosures with wall thickness of 1 mm up to 6 mm (threading M30 x 1.5). Suitable for through-holes $30.3^{+0.3}$ mm

03-0330-0191/A-10/2014-BCS-200865/1

Selection chart

Illustration	Dimensions	Description	Order no.
	for ComEx enclosure  for Control unit/ComEx 316L  	**Position selector switch**** black, with 2 or 3 switch positions with protective collar, lockable[1] only for switch module (2-pole) 0 - I — for control unit (flat) for ComEx enclosure I - II — for control unit (flat) for ComEx enclosure I - 0 - II — for control unit (flat) for ComEx enclosure HAND - 0 - AUTO — for control unit (flat) for ComEx enclosure MAN - 0 - AUTO — for control unit (flat) for ComEx enclosure Weight 74 g [1] 3 boreholes in the protective collar to fit padlocks the switch position 0 (I) or to customer specifications.	**05-0003-007001** **05-0003-007101** **05-0003-007002** **05-0003-007102** **05-0003-007203** **05-0003-007303** **05-0003-007224** **05-0003-007324** **05-0003-007225** **05-0003-007325**
	for ComEx enclosure  for Control unit/ComEx 316L  	**Double pushbutton actuator**** 5 labels red, green, yellow, white, black, supplied loose for ComEx enclosures for control units Weight 52 g	**05-0003-007500** 05-0003-007500BN* **05-0003-007400** 05-0003-007400BN*
	 	**Pushbutton**** 5 labels red, green, yellow, white, black, supplied loose Weight 24 g	**05-0003-000700** 05-0003-000700BN*

* with special sealing for increased resistance to oil

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

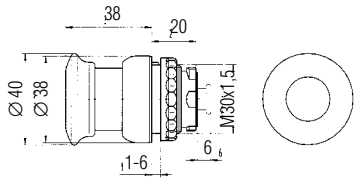
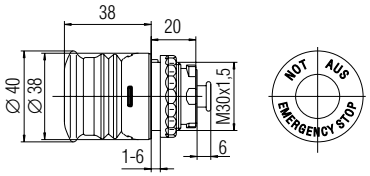
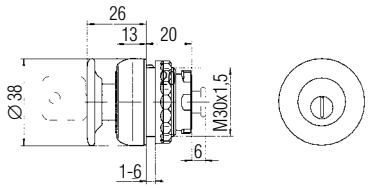
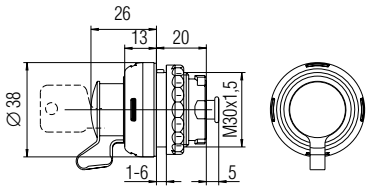
Illustration	Dimensions	Description	Order no.
		**Mushroom pushbutton**** black Weight 24 g	**05-0003-001800** 05-0003-001800BN*
		**EMERGENCY STOP** slam button** Pushbutton marked "NOT-AUS EMERGENCY STOP" "Pull to Release" DIN EN 60204-1: 2007 DIN EN 60947-5-1: 2005 (VDE 0660 Part 200) Weight 46 g	**05-0003-000800** 05-0003-000800BN*
		**Locking mushroom pushbutton**** push in without key, unlock with key, DOM lock 4 A 185 Weight 70 g	**05-0003-001203** 05-0003-001203BN*
		**Lock**** DOM lock 4 A 185 Lockable in both positions, Key retractable in both positions Lockable in the depressed position, Key retractable in the depressed position Tip lock lockable in the initial positions, Key retractable in the initial positions Weight 69 g	**05-0003-001200** 05-0003-001200BN* **05-0003-001201** 05-0003-001201BN* **05-0003-001202** 05-0003-001202BN*

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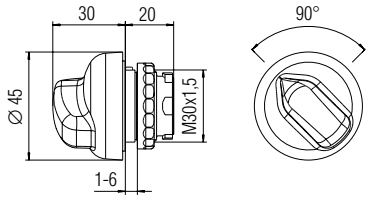
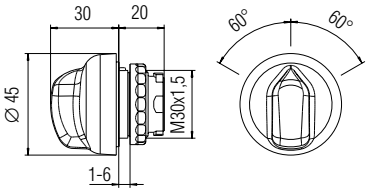
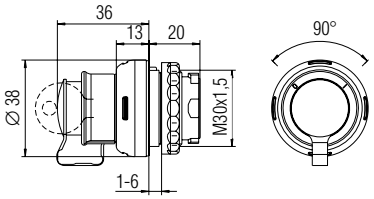
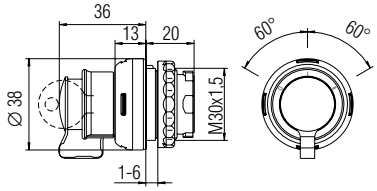
Illustration	Dimensions	Description	Order no.
	2 switching positions  3 switching positions 	**Position selector switch BS**** black, with 2 or 3 switching positions, turned 90° for ComEx enclosures 0 - I — for control units / for ComEx enclosures I - 0 - II (I + II latching) — for control units / for ComEx enclosures I - 0 - II (I + II momentary contact) — for control units / for ComEx enclosures I - 0 - II (I latching, II momentary) — for control units / for ComEx enclosures I - 0 - II (I momentary, II latching) — for control units / for ComEx enclosures Weight — 33 g	**05-0003-000900BS** **05-0003-000901BS** **05-0003-001000BS** **05-0003-001100BS** **05-0003-001001BS** **05-0003-001101BS** **05-0003-001002BS** **05-0003-001102BS** **05-0003-001003BS** **05-0003-001103BS**
	2 switching positions  3 switching positions 	**Key-operated switch**** RONIS lock 455, with 2 or 3 switching positions, turned 90° for ComEx enclosures 0 - I, latching, key retractable — for control units / for ComEx enclosures 0 - I, momentary contact, Position I, key not retractable — for control units / for ComEx enclosures I - 0 - II (I + II latching) key retractable — for control units / for ComEx enclosures Weight — 49 g	**05-0003-007700** **05-0003-007800** **05-0003-007701** **05-0003-007801** **05-0003-007900** **05-0003-008000**

* with special sealing for increased resistance to oil

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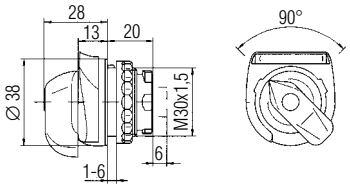
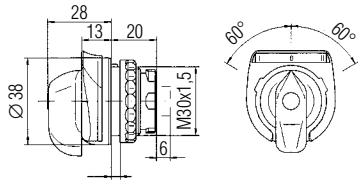
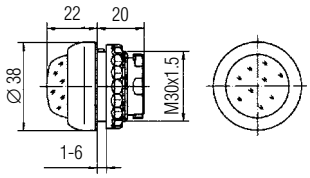
	2 switching positions  3 switching positions  	**Position selector switch****, black, with 2 or 3 switching positions 0 - I (latching) **for control units** **turned 90° for ComEx enclosures** I - 0 - II (I + II latching) **for control units** **turned 90° for ComEx enclosures** I - 0 - II (I + II momentary) **for control units** **turned 90° for ComEx enclosures** I - 0 - II (I latching, II momentary contact) **for control units** **turned 90° for ComEx enclosures** I - 0 - II (I momentary contact, II latching) **for control units** **turned 90° for ComEx enclosures** 0 - I (momentary) **for control units** **turned 90° for ComEx enclosures** Weight 33 g	**05-0003-000900** 05-0003-000900BN* **05-0003-000901** 05-0003-000901BN* **05-0003-001000** 05-0003-001000BN* **05-0003-001100** 05-0003-001100BN* **05-0003-001001** 05-0003-001001BN* **05-0003-001101** 05-0003-001101BN* **05-0003-001002** 05-0003-001002BN* **05-0003-001102** 05-0003-001102BN* **05-0003-001003** 05-0003-001003BN* **05-0003-001103** 05-0003-001103BN* **05-0003-000902** 05-0003-001003BN* **05-0003-000903** 05-0003-001103BN*
	 	**Lamp module actuator**** red **05-0003-001300** 05-0003-001300BN* green **05-0003-001400** 05-0003-001400BN* yellow **05-0003-001500** 05-0003-001500BN* white **05-0003-001600** 05-0003-001600BN* blue **05-0003-001700** 05-0003-001700BN* Weight 19 g	

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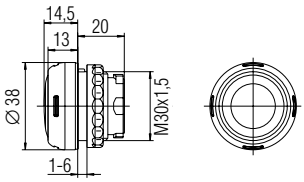
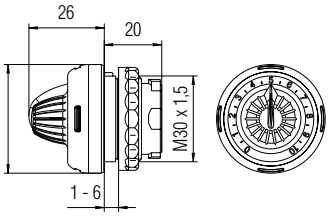
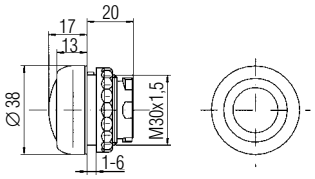
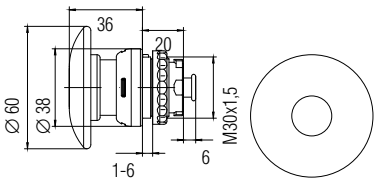
		**Illuminated button actuator**** red with EPDM sealing green with EPDM sealing yellow with EPDM sealing white with EPDM sealing blue with EPDM sealing Weight 19 g	**05-0003-006500** 05-0003-006500BN* **05-0003-006600** 05-0003-006600BN* **05-0003-006700** 05-0003-006700BN* **05-0003-006800** 05-0003-006800BN* **05-0003-006900** 05-0003-006900BN*
		**Potentiometer actuator****, black, durable and abrasion-resistant, Scale gradation from 0 to 10 with EPDM sealing Weight 28 g	**05-0003-007600** 05-0003-007600BN*
		**Blanking plug****, to cover unused holes in the cover with EPDM sealing Weight 20 g	**05-0003-001900** 05-0003-001900BN*
		**Mushroom pushbutton****, black with pushbutton label “START” Weight 24 g	**05-0003-008200** 05-0003-008201

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