



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 II 2G Ex e IIC Gb
 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



Selection chart

Illustration	Dimensions	Description	Order no.
	<p>for ComEx enclosure</p> <p>for Control unit/ComEx 316L</p>	<p>Position selector switch** black, with 2 or 3 switch positions with protective collar, lockable¹ only for switch module (2-pole)</p> <p>0 - I for control unit (flat) for ComEx enclosure</p> <p>I - II for control unit (flat) for ComEx enclosure</p> <p>I - 0 - II for control unit (flat) for ComEx enclosure</p> <p>HAND - 0 - AUTO for control unit (flat) for ComEx enclosure</p> <p>MAN - 0 - AUTO for control unit (flat) for ComEx enclosure</p> <p>Weight 74 g</p> <p>¹ 3 boreholes in the protective collar to fit padlocks the switch position 0 (I) or to customer specifications.</p>	<p>05-0003-007001 05-0003-007101</p> <p>05-0003-007002 05-0003-007102</p> <p>05-0003-007203 05-0003-007303</p> <p>05-0003-007224 05-0003-007324</p> <p>05-0003-007225 05-0003-007325</p>
	<p>for ComEx enclosure</p> <p>for Control unit/ComEx 316L</p>	<p>Double pushbutton actuator**</p> <p>5 labels red, green, yellow, white, black, supplied loose</p> <p>for ComEx enclosures</p> <p>for control units</p> <p>Weight 52 g</p>	<p>05-0003-007500 05-0003-007500BN*</p> <p>05-0003-007400 05-0003-007400BN*</p>
		<p>Pushbutton**</p> <p>5 labels red, green, yellow, white, black, supplied loose</p> <p>Weight 24 g</p>	<p>05-0003-000700 05-0003-000700BN*</p>


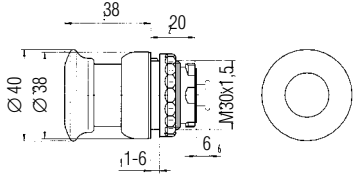

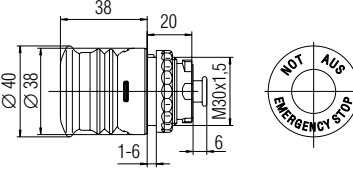

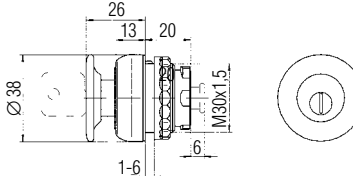

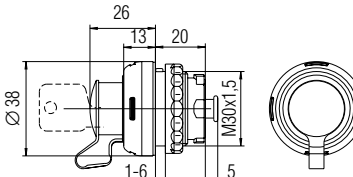
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* with special sealing for increased resistance to oil

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

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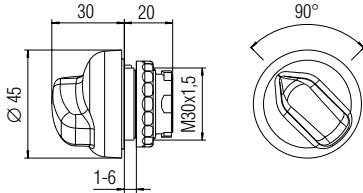
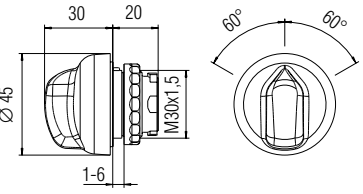


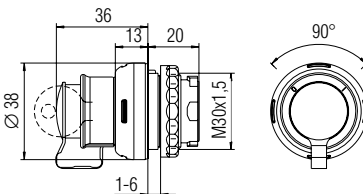
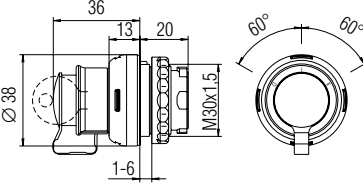
Illustration	Dimensions	Description	➔ Order no.
		<p>Mushroom pushbutton** black</p> <p>Weight 24 g</p>	<p>05-0003-001800 05-0003-001800BN*</p>
		<p>EMERGENCY STOP** slam button</p> <p>Pushbutton marked</p> <p>"NOT-AUS EMERGENCY STOP"</p> <p>"Pull to Release"</p> <p>DIN EN 60204-1: 2007 DIN EN 60947-5-1: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

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


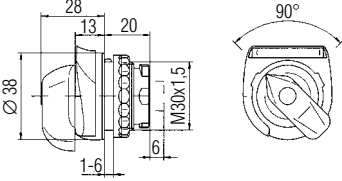
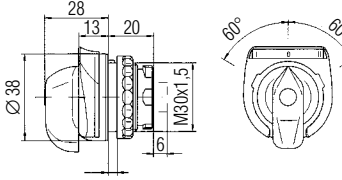

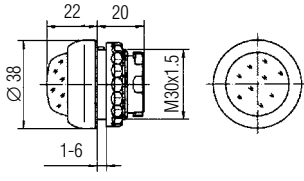
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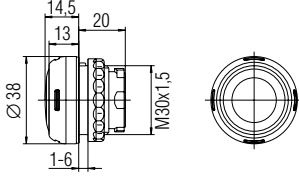

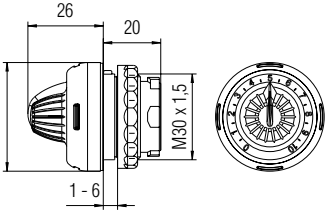

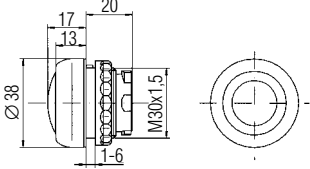

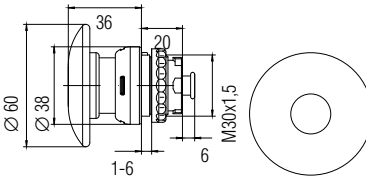


Illustration	Dimensions	Description	➔ Order no.
	<p>2 switching positions</p>  <p>3 switching positions</p> 	<p>Position selector switch**, black, with 2 or 3 switching positions</p> <p>0 - I (latching) for control units</p> <p> turned 90° for ComEx enclosures</p> <p>I - 0 - II (I + II latching) for control units</p> <p> turned 90° for ComEx enclosures</p> <p>I - 0 - II (I + II momentary) for control units</p> <p> turned 90° for ComEx enclosures</p> <p>I - 0 - II (I latching, II momentary contact) for control units</p> <p> turned 90° for ComEx enclosures</p> <p>I - 0 - II (I momentary contact, II latching) for control units</p> <p> turned 90° for ComEx enclosures</p> <p>0 - I (momentary) for control units</p> <p> turned 90° for ComEx enclosures</p> <p>Weight 33 g</p>	<p>05-0003-000900 05-0003-000900BN*</p> <p>05-0003-000901 05-0003-000901BN*</p> <p>05-0003-001000 05-0003-001000BN*</p> <p>05-0003-001100 05-0003-001100BN*</p> <p>05-0003-001001 05-0003-001001BN*</p> <p>05-0003-001101 05-0003-001101BN*</p> <p>05-0003-001002 05-0003-001002BN*</p> <p>05-0003-001102 05-0003-001102BN*</p> <p>05-0003-001003 05-0003-001003BN*</p> <p>05-0003-001103 05-0003-001103BN*</p> <p>05-0003-000902 05-0003-001003BN*</p> <p>05-0003-000903 05-0003-001103BN*</p>
		<p>Lamp module actuator**</p> <p>red</p> <p>green</p> <p>yellow</p> <p>white</p> <p>blue</p> <p>Weight 19 g</p>	<p>05-0003-001300 05-0003-001300BN*</p> <p>05-0003-001400 05-0003-001400BN*</p> <p>05-0003-001500 05-0003-001500BN*</p> <p>05-0003-001600 05-0003-001600BN*</p> <p>05-0003-001700 05-0003-001700BN*</p>

* with special sealing for increased resistance to oil

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Illustration	Dimensions	Description	➔ Order no.
		<p>Illuminated button actuator**</p> <p>red with EPDM sealing</p> <p>green with EPDM sealing</p> <p>yellow with EPDM sealing</p> <p>white with EPDM sealing</p> <p>blue with EPDM sealing</p> <p>Weight 19 g</p>	<p>05-0003-006500 05-0003-006500BN*</p> <p>05-0003-006600 05-0003-006600BN*</p> <p>05-0003-006700 05-0003-006700BN*</p> <p>05-0003-006800 05-0003-006800BN*</p> <p>05-0003-006900 05-0003-006900BN*</p>
		<p>Potentiometer actuator**, black, durable and abrasion-resistant, Scale gradation from 0 to 10</p> <p>with EPDM sealing</p> <p>Weight 28 g</p>	<p>05-0003-007600 05-0003-007600BN*</p>
		<p>Blanking plug**, to cover unused holes in the cover</p> <p>with EPDM sealing</p> <p>Weight 20 g</p>	<p>05-0003-001900 05-0003-001900BN*</p>
		<p>Mushroom pushbutton**, black</p> <p>with pushbutton label "START"</p> <p>Weight 24 g</p>	<p>05-0003-008200 05-0003-008201</p>

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