



## Actuating elements

### Features

- easy installation
- certified for zones 1 and 21
- high IP degree of protection

### Description

BARTEC offers a variety of actuator versions and options for the local ComEx control and indicating units.

All actuating elements are of high-quality thermoplast and correspond to protection class IP 66/IP 67. Useful accessories complete the actuating elements.

For offshore applications special oil-resistant attachments are available.

### ➤ Technical data

#### Impact resistance

7 Nm  
(lamp actuators 4 Nm)

#### Enclosure material

Enclosure thermoplast  
Seals EPDM (NBR)

#### Protection class

IP 66/IP 67

### ➤ Explosion protection

#### Ex protection type

Ex II 2GD EEx e II  
Class 1, Div. 2 - Class 1, Zone 1

#### Certification

PTB 00 ATEX 3114 U  
UL E184198

#### Ambient temperature

(-55 °C to +70 °C)  
-20 °C to +70 °C for Zone 21 and 22



Selection chart


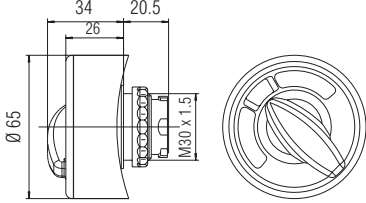
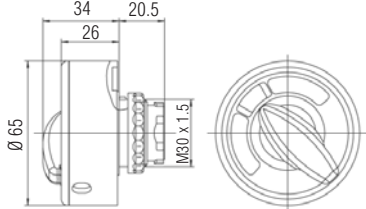

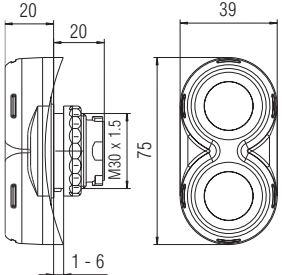
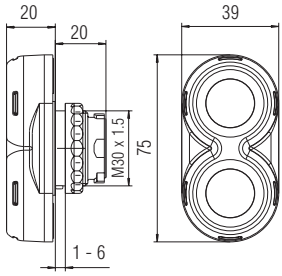

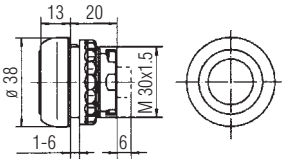

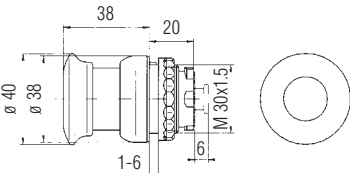
Illustration	Dimensions	Description	Order no.
	<p>for ComEx enclosure</p>  <p>for Control unit ComEx 316L</p> 	<p><b>Position selector switch</b> black with protective collar, lockable* <b>only for switch module (2-pole)</b></p> <p>0 - I for ComEx enclosure for control unit (flat) I - II for ComEx enclosure for control unit (flat) I - 0 - II for ComEx enclosure for control unit HAND - 0 - AUTO for ComEx enclosure for control unit (flat) MAN - 0 - AUTO for ComEx enclosure for control unit (flat)</p> <p>*In principle, there are 3 boreholes in the protective collar to fit padlocks. If no further details are given on which switching position is to be locked, the boreholes are provided in the switch position 0 (I), other to customer specifications.</p>	<p><b>05-0003-007101</b> <b>05-0003-007001</b> <b>05-0003-007102</b> <b>05-0003-007002</b> <b>05-0003-007303</b> <b>05-0003-007203</b> <b>05-0003-007324</b> <b>05-0003-007224</b> <b>05-0003-007325</b> <b>05-0003-007225</b></p>
	<p>for ComEx enclosure</p>  <p>for Control unit ComEx 316L</p> 	<p><b>Double push button actuator for ComEx enclosures</b> with rubber membrane, supplied with five loose coloured centre discs: red, green, yellow, white, black</p> <p>For offshore applications (with NBR seal)</p> <p><b>Double push button actuator for control units</b> with rubber membrane, supplied with five loose coloured centre discs: red, green, yellow, white, black</p> <p>For offshore applications (with NBR seal)</p>	<p><b>05-0003-007500</b></p> <p>05-0003-007500BN</p> <p><b>05-0003-007400</b></p> <p>05-0003-007400BN</p>
		<p><b>Pushbutton</b> with rubber membrane, supplied with five loose coloured centre discs: red, green, yellow, white, black Weight: 24 g</p> <p>For offshore applications (with NBR seal)</p>	<p><b>05-0003-000700</b></p> <p>05-0003-000700BN</p>
		<p><b>Mushroom pushbutton</b> black, Weight: 24 g</p> <p>For offshore applications (with NBR seal)</p>	<p><b>05-0003-001800</b></p> <p>05-0003-001800BN</p>




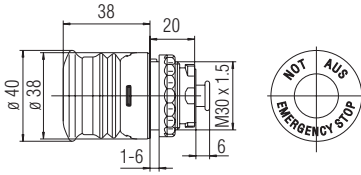

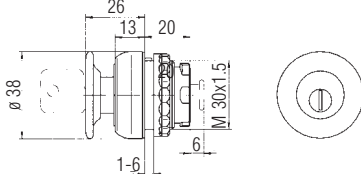

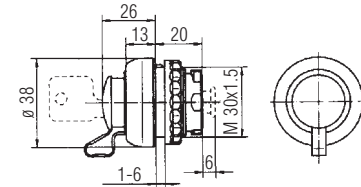

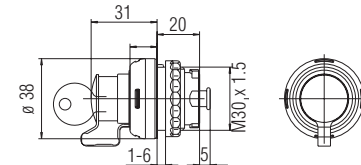

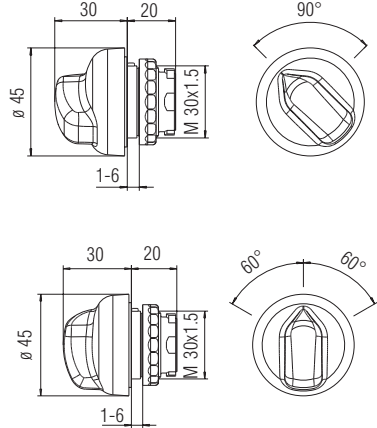

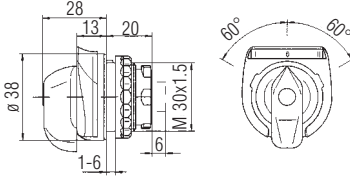

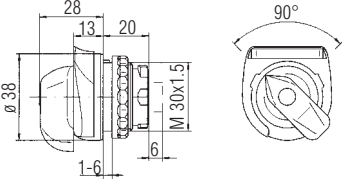

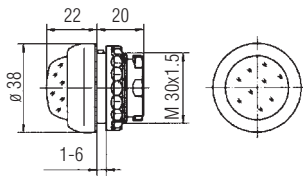

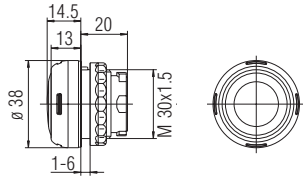

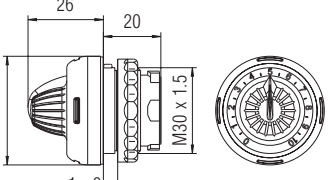

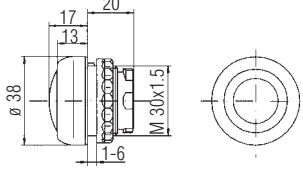
Illustration	Dimensions	Description	Order no.
		<p><b>Emergency Stop</b>            DIN EN 60204 T1/VDE 0113 T1            and EN 60947-5-1/DIN VDE 0660 T200,            pushbutton marked            "NOT-AUS EMERGENCY STOP"            "Pull to Release"</p> <p>Weight: 46 g</p> <p>For offshore applications (with NBR seal)</p>	<p><b>05-0003-000800</b></p> <p>05-0003-000800BN</p>
		<p><b>Locking mushroom pushbutton</b>            Push in without key, unlock with key;            Lock (DOM) 4 A 185            Weight: 70 g</p> <p>For offshore applications (with NBR seal)</p>	<p><b>05-0003-001203</b></p> <p>05-0003-001203BN</p>
		<p><b>Lock (DOM)</b>            lockable in both positions,            key retractable in both positions,            lock 4 A 185</p> <p>lockable in the depressed position,            key retractable in the depressed position,            lock 4 A 185</p> <p>lockable in the initial position,            key retractable in the initial position,            lock 4 A 185 (tip lock)</p> <p>Weight: 69 g</p> <p>*For offshore applications (with NBR seal)</p>	<p><b>05-0003-001200</b>            *05-0003-001200BN</p> <p><b>05-0003-001201</b>            *05-0003-001201BN</p> <p><b>05-0003-001202</b>            *05-0003-001202BN</p>
		<p><b>Lock (RONIS)</b>            Lock: 455            Lockable in both positions            Key retractable in both positions</p> <p>For offshore applications (with NBR seal)</p>	<p><b>05-0003-006100</b></p> <p>05-0003-006100BN</p>
		<p><b>Position selector switch BS</b>            2 positions 0 - I, black, for control unit            90° turned for ComEx</p> <p><b>Position selector switch BS</b>            3 positions I - 0 - II, black, I + II latching;            for control unit            90° turned for ComEx</p> <p>I + II momentary contact; for control unit            90° turned for ComEx</p> <p>I - latching, II - latching; for control unit            90° turned for ComEx</p> <p>I - momentary contact; II - latching; for control unit            90° turned for ComEx</p> <p>Weight: 33 g</p> <p>*For offshore applications (with NBR seal)</p>	<p><b>05-0003-000900BS</b>  <b>05-0003-000901BS</b></p> <p><b>05-0003-001000BS</b>  <b>05-0003-001100BS</b></p> <p><b>05-0003-001001BS</b>  <b>05-0003-001101BS</b></p> <p><b>05-0003-001002BS</b>  <b>05-0003-001102BS</b></p> <p><b>05-0003-001003BS</b>  <b>05-0003-001103BS</b></p>



Illustration	Dimensions	Description	Order no.
		<p><b>Position selector switch</b> 3 positions I - 0 - II, black, I + II latching; for control unit</p> <p>90° turned for ComEx</p> <p>I + II momentary-contact; for control unit</p> <p>90° turned for ComEx</p> <p>I - latching, II - momentary-contact; for control box, turned 90° for ComEx</p> <p>I - momentary-contact; II - latching; for control box, turned 90° for ComEx</p> <p>Weight: 33 g</p> <p>*For offshore applications (with NBR seal)</p>	<p>➔ <b>05-0003-001000</b></p> <p>*05-0003-001000BN</p> <p><b>05-0003-001100</b></p> <p>*05-0003-001100BN</p> <p><b>05-0003-001001</b></p> <p>*05-0003-001001BN</p> <p><b>05-0003-001101</b></p> <p>*05-0003-001101BN</p> <p><b>05-0003-001002</b></p> <p>*05-0003-001002BN</p> <p><b>05-0003-001102</b></p> <p>*05-0003-001102BN</p> <p><b>05-0003-001003</b></p> <p>*05-0003-001003BN</p> <p><b>05-0003-001103</b></p> <p>*05-0003-001103BN</p>
		<p><b>Position selector switch</b></p> <p>2 positions 0 - I, black for control unit</p> <p>90° turned for ComEx</p> <p>Weight: 33 g</p> <p>*For offshore applications (with NBR seal)</p>	<p><b>05-0003-000900</b></p> <p>*05-0003-000900BN</p> <p><b>05-0003-000901</b></p> <p>*05-0003-000901BN</p>
		<p><b>Lamp</b> Weight: 19 g</p> <p>red</p> <p>green</p> <p>yellow</p> <p>with</p> <p>blue</p> <p>*For offshore applications (with NBR seal)</p>	<p><b>05-0003-001300</b></p> <p>*05-0003-001300BN</p> <p><b>05-0003-001400</b></p> <p>*05-0003-001400BN</p> <p><b>05-0003-001500</b></p> <p>*05-0003-001500BN</p> <p><b>05-0003-001600</b></p> <p>*05-0003-001600BN</p> <p><b>05-0003-001700</b></p> <p>*05-0003-001700BN</p>
		<p><b>Illuminated button actuator</b> Weight: 19 g</p> <p>red</p> <p>green</p> <p>yellow</p> <p>white</p> <p>blue</p> <p>*For offshore applications (with NBR seal)</p>	<p><b>05-0003-006500</b></p> <p>*05-0003-006500BN</p> <p><b>05-0003-006600</b></p> <p>*05-0003-006600BN</p> <p><b>05-0003-006700</b></p> <p>*05-0003-006700BN</p> <p><b>05-0003-006800</b></p> <p>*05-0003-006800BN</p> <p><b>05-0003-006900</b></p> <p>*05-0003-006900BN</p>
		<p><b>Potentiometer actuator</b></p> <p>with scale gradation 0-10 (durable and abrasion-resistant), black</p> <p>Weight: 28 g</p> <p>*For offshore applications (with NBR seal)</p>	<p><b>05-0003-007600</b></p> <p>05-0003-007600BN</p>
		<p><b>Blanking plug</b></p> <p>to cover unused holes in the front panel</p> <p>Weight: 20 g</p> <p>For offshore applications (with NBR seal)</p>	<p><b>05-0003-001900</b></p> <p>05-0003-001900BN</p>