BARTEC

# Control and signal device actuators and accessories

Typ 07-3400-****/****



**For the ComEx modules type 07-33**-****/**** there are a large number of control and signal device actuator are available in different versions. All control and signal device actuator are made of high-quality thermoplastic and can be used in almost all potentially explosive areas.**

The Control and signal design devices enables easy and safe mounting and can be complemented by useful accessories. The components are developed and certified for global hazardous areas.

- Easy installation
- Certified for Zone 1 and 21
- High IP rating up to IP67 and NEMA 4X
- operating temperature
  -55 °C to +70 °C (-67 °F to +158 °F)
- Emergency stop acc. to IEC 60947-5-5 & UL 60947-5-5
- Globally certified

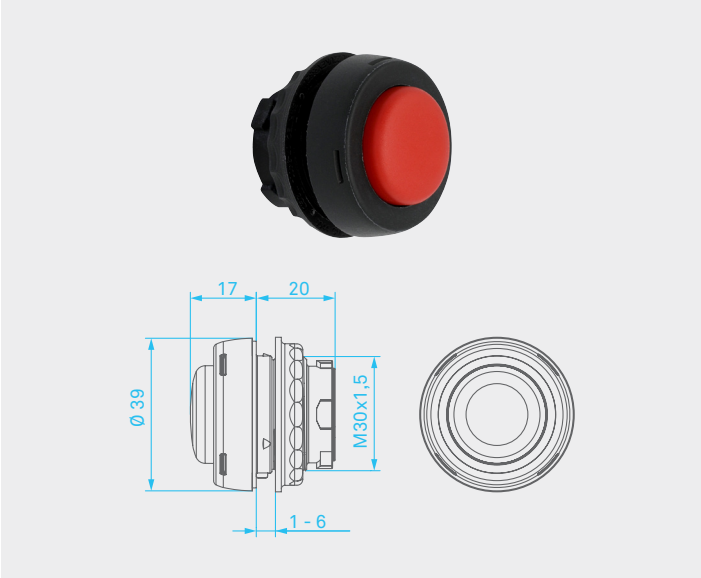
## Explosion protection

| | |
|---|---|
| Notified Body Number | CE 0044 |
| Approved Body Number | UKCA 2503 |
| ATEX/UKEX<br>Ex protection type | Ex II 2G Ex eb IIC Gb<br>Ex II 2D Ex tb IIIC Db |
| ATEX/UKEX<br>Certification | CML21 ATEX31132U<br>CML22 UKEX3332U |
| IECEx<br>Ex type of protection | Ex eb IIC Gb<br>Ex tb IIIC Db |
| IECEx certificate number | IECEx CML 21.0128U |
| CEC (UL Mark) | Ex eb IIC Gb<br>Ex tb IIIC Db<br>Class I, Division 2, Groups A, B, C, D<br>Class II, Division 2, Groups F, G<br>Class III, Division 2 |
| NEC (UL Mark) | Class I, Zone 1, AEx eb IIC Gb<br>Zone 21, AEx tb IIIC Db<br>Class I, Division 2, Groups A, B, C, D<br>Class II, Division 2, Groups F, G<br>Class III, Division 2 |
| UL certifacte number | UL E184198 |
| Operating temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Service temperature | -55 °C to +70 °C (-67 °F to +158 °F)<br>(related to explosion protection<br>acc. to EN IEC 60079-0) |

For further approvals and certificates, see
**www.bartec.com**

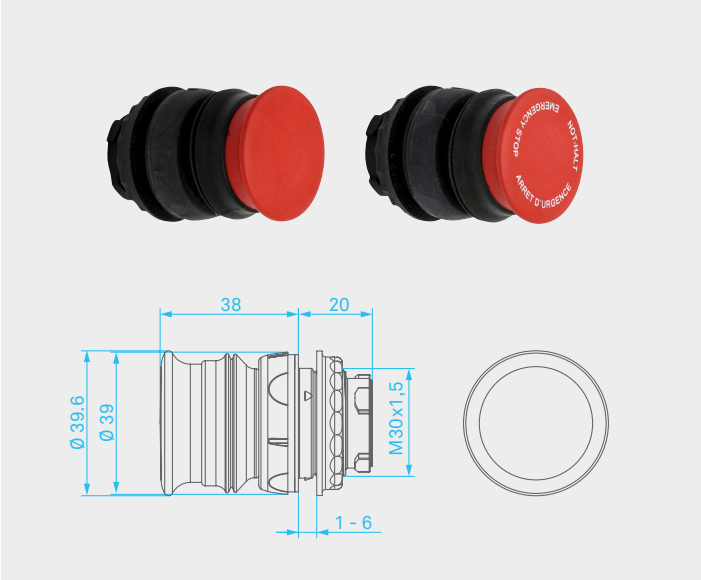
## Technical data

| | |
|---|---|
| Degree of protection | Up to IP67 acc. to EN 60529 and NEMA 4X acc. to UL 50E. Requires correct installation in in a mounting hole on an enclosure with appropriate degree of protection. |
| Mounting | – Installation in enclosures with a wall thickness of 1mm to 6 mm (0.04 in to 0.24 in)<br>– Suitable for through-holes 30.3 mm (1.19 in)<br>– Torque fixing nut 2.8 to 3.4 Nm |
| Mechanical risk level | High |
| Dimensions | See selection chart on page 3 |
| Weight | See selection chart on page 3 |



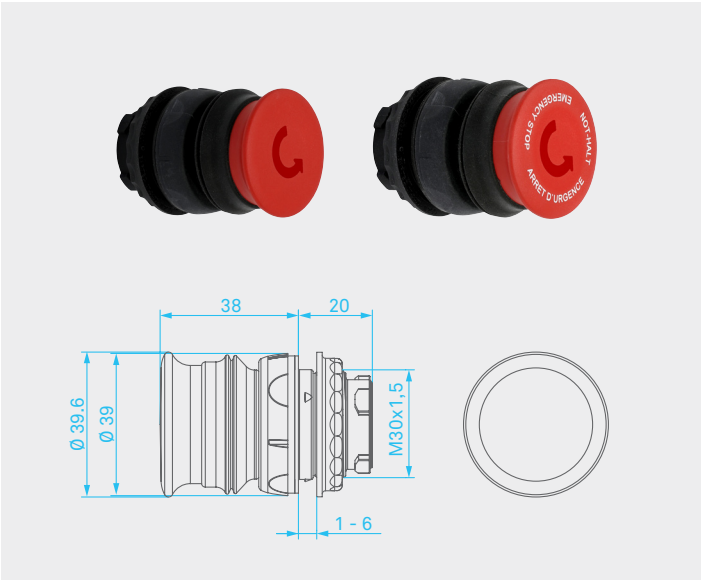

## Push button

| | |
|---|---|
| Description | – 4 labels (red, green, white, black) “supllied loose” (must be installed in operation)<br>– momentary<br>– Used with ComEx switch module Type 07-332* and Type 07-3382-* |
| Weight | 35 g |
| Degree of protection | IP67 acc. to EN 60529<br>NEMA 4X acc. to UL 50E |
| Order no. | 07-3400-A100 |



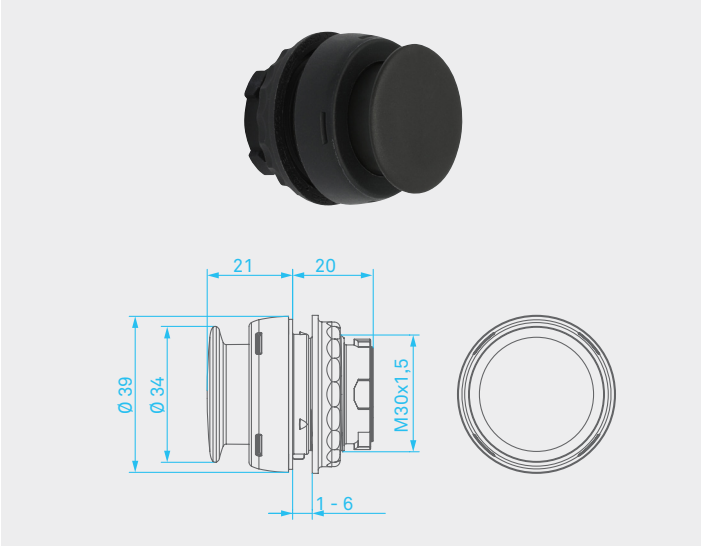

## Emergency stop pull to release

| | | |
|---|---|---|
| Description | – Conformity with IEC 60947-5-5 / UL 60947-5-5 in combination with ComEx<br>– switch module Type 07-332*-****/**** (2-pole) and Type 07-3382-****/**** (4-pole) | |
| Weight | 52 g | |
| Degree of protection | IP67 acc. to EN 60529<br>NEMA 4X acc. to UL 0E | |
| Order no. | Emergency stop Pull to release | 07-3400-N100 |
| | Emergency stop Pull to release with labelling | 07-3400-N200 |



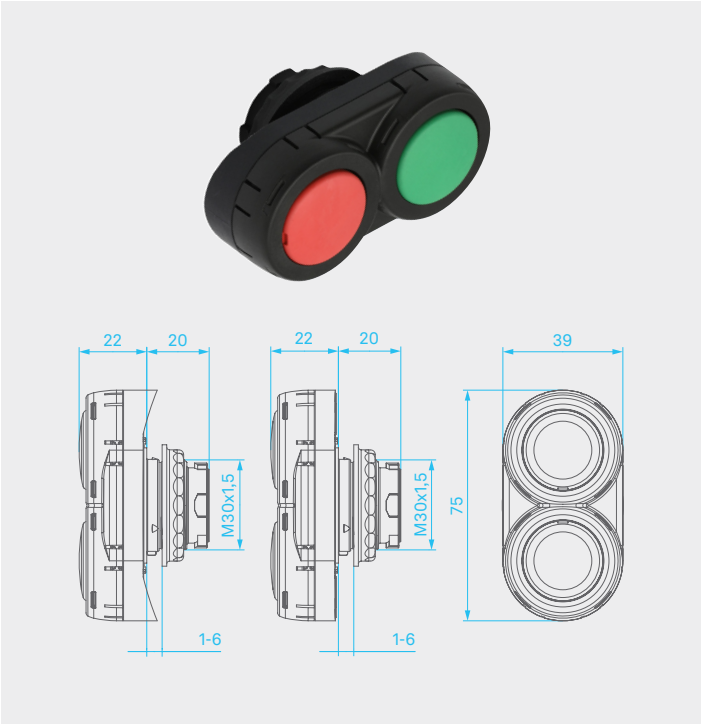

## Emergency stop twist to release

| | | |
|---|---|---|
| Description | Conformity with IEC 60947-5-5 / UL 60947-5-5 in combination with ComEx switch module Type 07-332*-****/**** (2-pole) | |
| Weight | 52 g | |
| Degree of protection | IP67 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | Emergency stop Twist to release | 07-3400-R100 |
| | Emergency stop Twist to release with labelling | 07-3400-R200 |




## Mushroom push button

| | | |
|---|---|---|
| Description | – momentary<br>– Used with ComEx switch module Type 07-332* and Type 07-3382-* | |
| Weight | 40 g | |
| Degree of protection | IP67 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | | 07-3400-P100 |



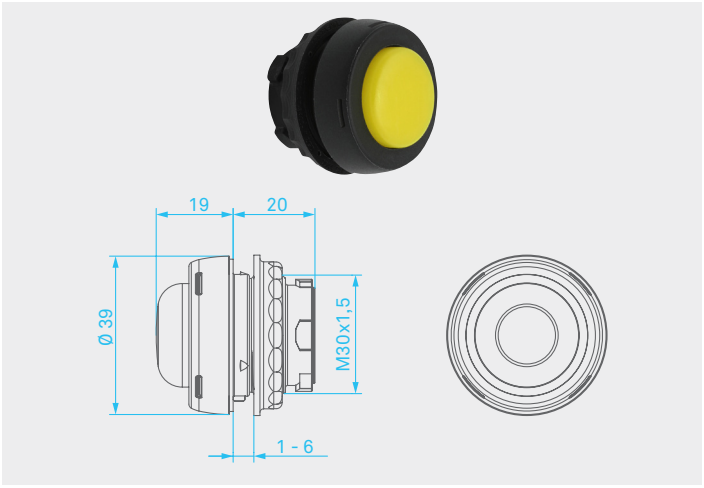

## Double push button

| | | |
|---|---|---|
| Description | – 4 labels (red, green, white, black) “supllied loose” (must be installed in operation)<br>– momentary<br>– Used with ComEx switch module Type 07-332* | |
| Weight | 66 g | |
| Degree of protection | IP67 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | for ComEx enclosures | 07-3400-C110 |
| | for control units | 07-3400-C210 |




## Pilot light

| | | |
|---|---|---|
| Description | – Used with ComEx light module Type 07-335*<br>– Pilot light yellow is to be combined with illuminated indicator module white 07-335*-**4* | |
| Weight | 27 g | |
| Degree of protection | IP67 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | red | 07-3400-LR00 |
| | green | 07-3400-LG00 |
| | yellow | 07-3400-LY00 |
| | white | 07-3400-LW00 |
| | blue | 07-3400-LB00 |



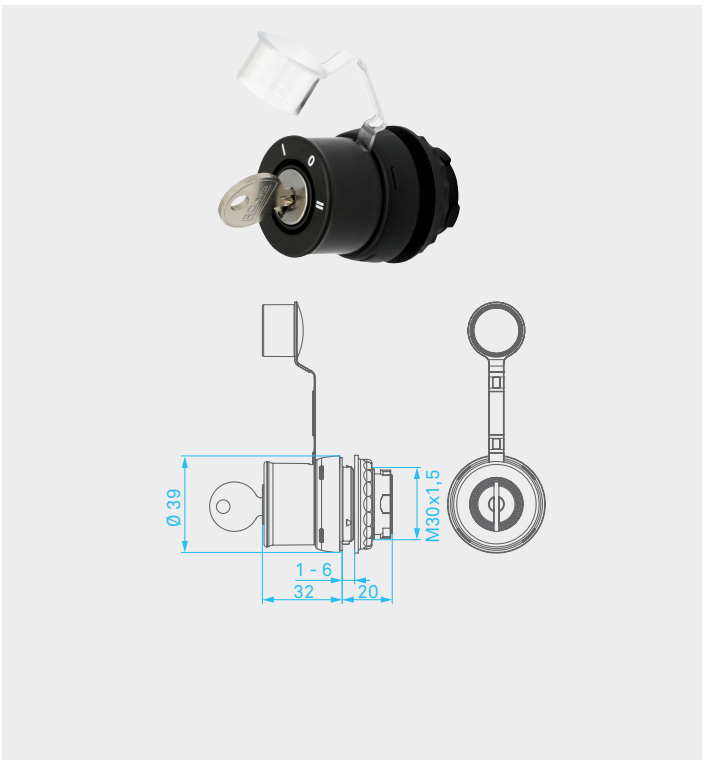

## Illuminated push button

| | | |
|---|---|---|
| Description | – momentary<br>– Used with ComEx light module Type 07-336*<br>– Illuminated push button yellow is to be combined with illuminated push button module white 07-336*-**4* | |
| Weight | 27 g | |
| Degree of protection | IP67 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | red | 07-3400-TR00 |
| | green | 07-3400-TG00 |
| | yellow | 07-3400-TY00 |
| | white | 07-3400-TW00 |
| | blue | 07-3400-TB00 |



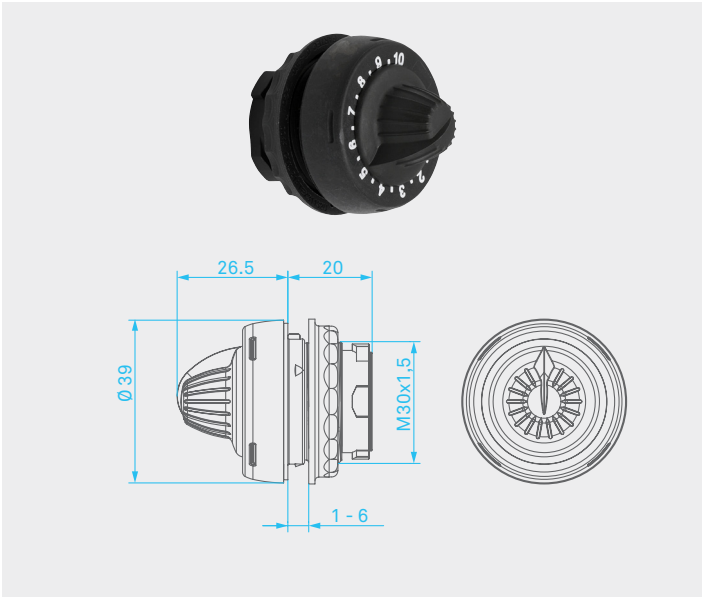

## Selector switch

| | | |
|---|---|---|
| Description | Used with ComEx switch module Type 07-332* and Type 07-3382-* (only for ComEx actuator with 2 switching positions) | |
| Weight | 33 g | |
| Degree of protection | IP66 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | 0 - I<br>latching | 07-3400-S210 |
| | 0 - I<br>momentary | 07-3400-S220 |
| | I - 0 - II<br>I + II latching | 07-3400-S310 |
| | I - 0 - II<br>I + II momentary | 07-3400-S320 |
| | I - 0 - II<br>I latching, II momentary | 07-3400-S330 |
| | I - 0 - II<br>I momentary, II latching | 07-3400-S340 |




## Key selector switch

| | | |
|---|---|---|
| Description | – Key operated switch RONIS lock 455<br>– with 2 or 3 switching positions<br>– available in latching and spring return | |
| Weight | 74 g | |
| Degree of protection | IP66 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | 0 - I latching<br>both pos. key withdrawable | 07-3400-E2111000 |
| | 0 - I latching<br>pos. 0 key withdrawable | 07-3400-E2121000 |
| | 0 - I spring return<br>pos. 0 key withdrawable | 07-3400-E2221000 |
| | I - 0 - II latching<br>all pos. key withdrawable | 07-3400-E3131000 |
| | I - 0 - II latching<br>pos. 0 key withdrawable | 07-3400-E3141000 |
| | I - 0 - II spring return-<br>pos. 0 key withdrawable | 07-3400-E3221000 |




## Potentiometer

| | |
|---|---|
| Description | – durable and abrasion-resistant scale gradation from 0 to 10 |
| Weight | 31 g |
| Degree of protection | IP66 acc. to EN 60529<br>NEMA 4X acc. to UL 50E |
| Order no. | 07-3400-D100 |



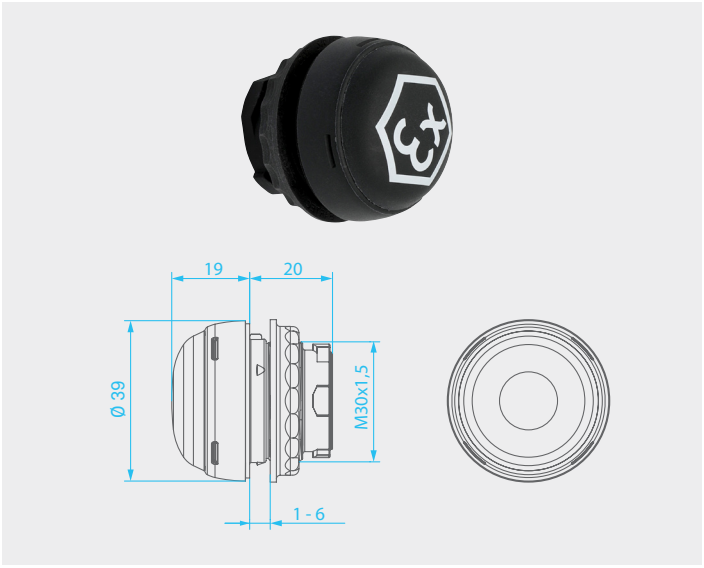

## Selector switch large

| | | |
|---|---|---|
| Description | – Used with ComEx switch module Type 07-332* and Type 07-3382-* | |
| Weight | 173 g | |
| Degree of protection | IP66 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | 0 - I latching<br>for ComEx enclosures<br>for control units | <br>07-3400-F1B21100<br>07-3400-F2B21100 |
| | I - II momentary<br>for ComEx enclosures<br>for control units | <br>07-3400-F1B21200<br>07-3400-F2B21200 |
| | I - 0 - II latching<br>for ComEx enclosures<br>for control units | <br>07-3400-F1B31300<br>07-3400-F2B31300 |
| | HAND - 0 - AUTO<br>left latching, right momentary<br>for ComEx enclosures<br>for control units | <br><br>07-3400-F1B33400<br>07-3400-F2B33400 |
| | MAN - 0 - AUTO<br>left latching, right momentary<br>for ComEx enclosures<br>for control units | <br><br>07-3400-F1B33500<br>07-3400-F2B33500 |
| | 0 - I (red-yellow) latching<br>for ComEx enclosures<br>for control units | <br>07-3400-F1R21100<br>07-3400-F2R21100 |
| | MAN - 0 - AUTO<br>both sides latching<br>for control units | <br><br>07-3400-F2B31500 |
| | I - 0 - II<br>both sides momentary<br>for control units | <br><br>07-3400-F2B32300 |
| | HAND - 0 - AUTO<br>both sides momentary<br>for control units | <br><br>07-3400-F2B32400 |



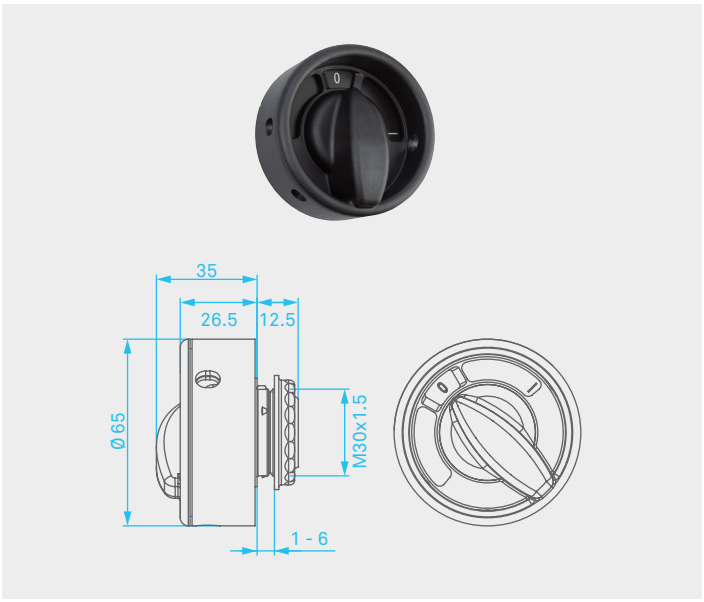

## Selector switch for switch disconnector and safety switch

| | | |
|---|---|---|
| Description | – Used with Switch-disconnector Type 07-39E1-* | |
| Weight | 173 g | |
| Degree of protection | IP66 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | 0 - I (black) without pull off protection | 07-3400-G4B01000 |
| | 0 - I (red-yellow) without pull off protection | 07-3400-G4R01000 |
| | 0 - I (black) with pull off protection | 07-3400-G5B01000 |
| | 0 - I (red-yellow) with pull off protection | 07-3400-G5R01000 |




## Blind plug

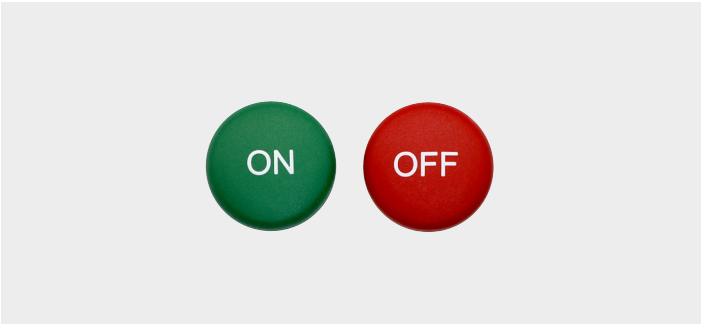
| | |
|---|---|
| Description | – to cover unused holes in the enclosure cover |
| Weight | 33 g |
| Degree of protection | IP67 acc. to EN 60529<br>NEMA 4X acc. to UL 50E |
| Order no. | 07-3400-B200 |




## Selector switch for control switch

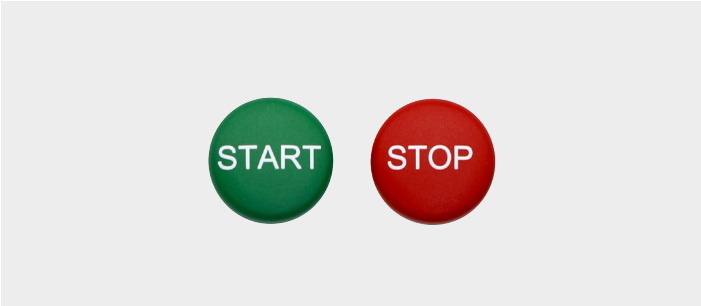
| | | |
|---|---|---|
| Description | – Used with ComEx Control switch module Type 07-3332* | |
| Weight | 173 g | |
| Degree of protection | IP66 acc. to EN 60529<br>NEMA 4X acc. to UL 50E | |
| Order no. | 0 - I | |
| | for ComEx enclosures | 07-3400-G1B01000 |
| | for control units | 07-3400-G2B01000 |
| | I - II | |
| | for ComEx enclosures | 07-3400-G1B02000 |
| | for control units | 07-3400-G2B02000 |
| | I - 0 - II | |
| | for ComEx enclosures | 07-3400-G1B03000 |
| | for control units | 07-3400-G2B03000 |
| | 0 - I - II - III | |
| | for ComEx enclosures | 07-3400-G1B05000 |
| | for control units | 07-3400-G2B05000 |
| | HAND - 0 - AUTO | |
| | for ComEx enclosures | 07-3400-G1B07000 |
| | for control units | 07-3400-G2B07000 |
| | OFF - ON | |
| | for ComEx enclosures | 07-3400-G1B09000 |
| | AUTO - 0 - HAND - START | |
| | for control units | 07-3400-G2B08000 |
| | Printed to specification | |
| | for ComEx enclosures | 07-3400-G1B99000 |
| | for control units | 07-3400-G2B99000 |
| | 0 - I (for shaft actuator) | |
| | for control units | 07-3400-G3B01000 |
| | Printed to specification | |
| | for control units | 07-3400-G3B99000 |

# ComEx Actuating elements - Accessories



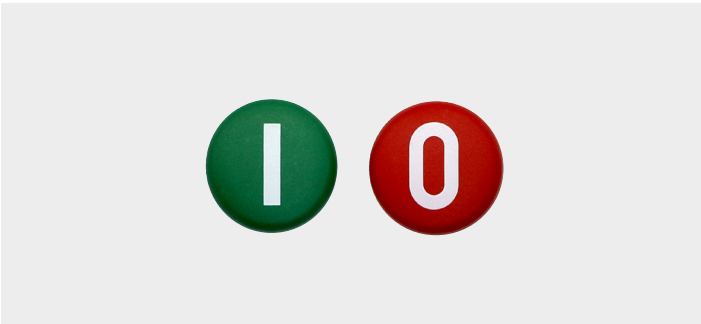

## Printed labels ON/OFF

| | | |
|---|---|---|
| Description | – 1 x green „ON“<br>– 1 x red „OFF“ | |
| Order no. | for pushbutton 07-3400-A* | 05-0091-0287 |
| | for pushbutton Typ 07-3400-C* | 05-0091-0291 |




## Printed labels START/STOP

| | | |
|---|---|---|
| Description | – 1 x green „START“<br>– 1 x red „STOP“ | |
| Order no. | for pushbutton 07-3400-A* | 05-0091-0285 |
| | for pushbutton Typ 07-3400-C* | 05-0091-0289 |



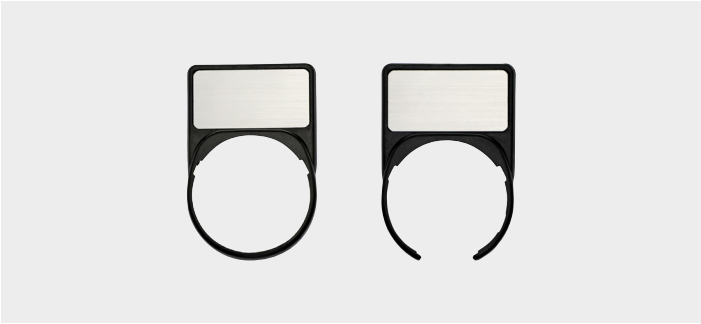

## Printed labels I/0

| | | |
|---|---|---|
| Description | – 1 x green „I“<br>– 1 x red „O“ | |
| Order no. | for pushbutton 07-3400-A* | 05-0091-0286 |
| | for pushbutton Typ 07-3400-C* | 05-0091-0290 |



## Torquing tool

| | |
|---|---|
| Description | – for installation fixing nut |
| Order no. | 05-1191-0001 |



## Shield holder

| | | |
|---|---|---|
| Description | – Note the distance dimensions of the Control and signal device actuators<br>– Markings on request<br>– dimensions 35x18 mm | |
| Order no. | for actuating elements | 05-1105-0068 |
| | for pushbutton 07-3400-C* | 05-1105-0075 |
| | Label | 03-5412-0056 |



## Contrast plate

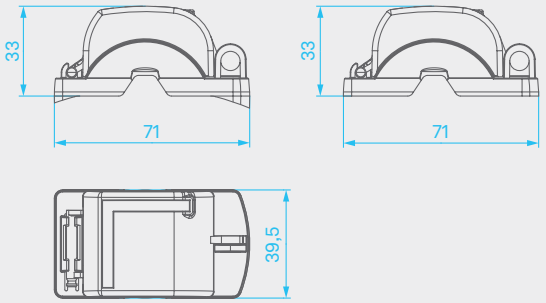
| | |
|---|---|
| Description | – for EMERCENCY-STOP 07-3400-N* and 07-3400-R*<br>– yellow Ø 90 mm |
| Order no. | 05-2144-1097 |



## Marking clip

| | | |
|---|---|---|
| Description | – Markings on request<br>– dimensions 30x3,6 mm | |
| Order no. | for actuating element | 05-1105-0067 |
| | for pushbutton 07-3400-C* | 05-1105-0074 |
| | Label | 03-5412-0072 |

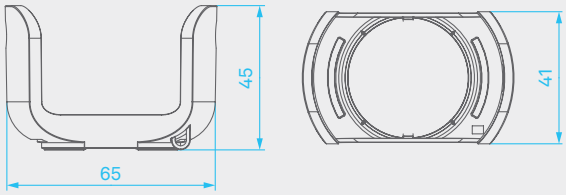





## Locking device

| | | |
|---|---|---|
| Description | – Padlocks with max. Ø 6,5 mm can be used (not included) | |
| Order no. | for ComEx control station 07-352* | 05-0037-0022 |
| | for panel mounting (INST) | 05-0037-0023 |






## Protective collar

| | | |
|---|---|---|
| Description | – Protective collar for emergency stop actuator<br>– Padlocks with max. Ø 4,5 mm can be used (not included) | |
| Order no. | element to prevent accidental switching | 05-0032-0019 |
| | bolt with chain for protective collar | 05-0032-0020 |