

Installation Equipment

Large rotary actuator

Black - black

8602C3-731-B-90X-E08 Art. No. 227223

STAHL



- Pushbutton, mushroom pushbutton, mushroom stay-put button with key lock, mushroom stay-put button, twin pushbutton and illuminated pushbutton, rotary actuator, key-operated switch, potentiometer bezel and indicator lamp bezel
- One axial actuator can actuate up to four 8082 series contact elements
- Key-operated switches and rotary switches codable at any time as "latching/spring return" or "key not removable"

WebCode **8602A**



Thanks to their special technical features, the actuators from the 8602/3 series can withstand the most extreme conditions. In addition to the application option for use in ambient temperatures from -60 °C to +70 °C, the IP degree of protection, IP66, is maintained in accordance with EN 60529. It is also possible to actuate up to four contact elements from the 8082 series with a single axial actuator from the 8602/3 series.

The coding option of the key switches and rotary switches is innovative and one-of-a-kind. Integrated coding allows you to adjust the "latching/spring return" and/or "key not removable" functions at any time without additional accessories. A versatile set of accessories consisting of label holders and locking devices is available.

Technical Data

Explosion Protection

Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 13.0047U
IECEX gas explosion protection	Ex eb IIC Gb
IECEX dust certificate	IECEX PTB 13.0047 U
IECEX dust explosion protection	Ex tb IIIC Db
ATEX gas certificate	PTB 13 ATEX 1019 U
ATEX gas explosion protection	Ex II 2 G Ex eb IIC Gb
ATEX dust certificate	PTB 13 ATEX 1019 U
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC Db
UL gas certificate	E182378 V4 S2
Inmetro gas certificate	UL-BR 14.0380U
Inmetro dust certificate	UL-BR 14.0380U
Certificates	ATEX (PTB), Brazil (ULB), Canada / USA (UL), EAC (CCVE), IECEX (PTB), India (PESO), Korea (KGS)

Ambient Conditions

Ambient temperature	-20 °C ... +60 °C
Ambient temperature	-4 °F ... +140 °F
Storage temperature	-25 °C ... +60 °C
Storage temperature	-13 °F ... +140 °F
Use at the height of	< 2000 m

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Ambient Conditions

Degree of contamination	3
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Mechanical Data

Degree of protection (IP)	IP66
Note on degree of protection	acc. to IEC/EN 60529
Enclosure material	Polyamide
Silicone-free	Yes
Assembly	731
Diameter	65 mm
Service life, min.	10 ⁶ actuations
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	min. IK08
Colour of handle	Black
Colour of protective collar	Black
Mounting	Thread type
Designation plate	0/OFF - I/ON
Seal	Standard
Lockable in	90°
Packaging unit	1
Weight	0.04 kg
Weight	0.09 lb
Decription note	Lockable option (max. 3 times) can be determined using the enclosed closing parts. Lockable handle position: 90°. In the unmounted assemblies, the standard label is 0/OFF-I/ON and the long coupling part is enclosed. Other labels must be ordered separately.

Mounting / Installation

Mounting type	unmounted
Tightening torque	3 Nm
Tightening torque lbf in	26.55 lbf in

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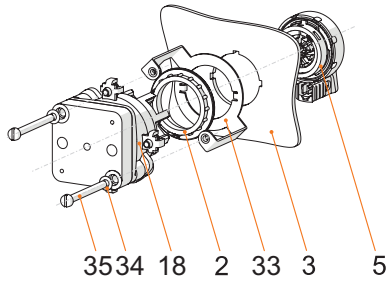
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Technical Drawings – Subject to Alterations



Front installation mounting with control switch series 8008

Legend

2 = Jam nut (order no. 205592)

3 = Installation wall (wall thickness max. 2 mm [0.0787in])

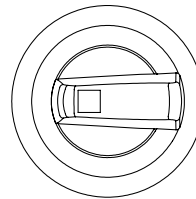
5 = Actuator 8302/3 with seal (4)

18 = Control switch 8008/2-.

33 = Adaptor 8602/3 for front installation for type 8008/2

34 = Disc M4

35 = Screw M4x

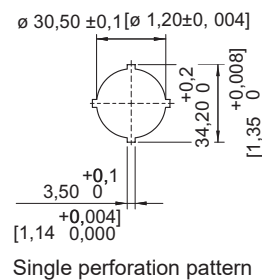
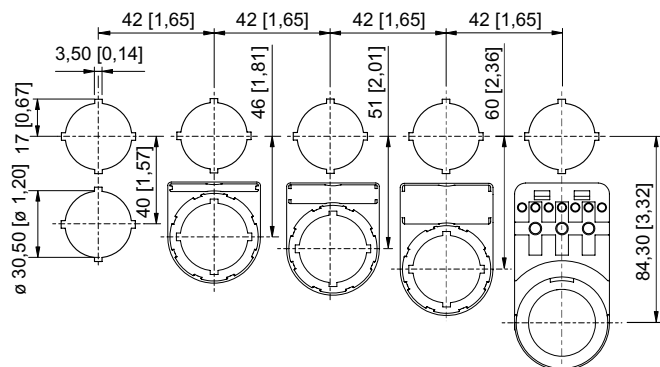


Explanation position display:

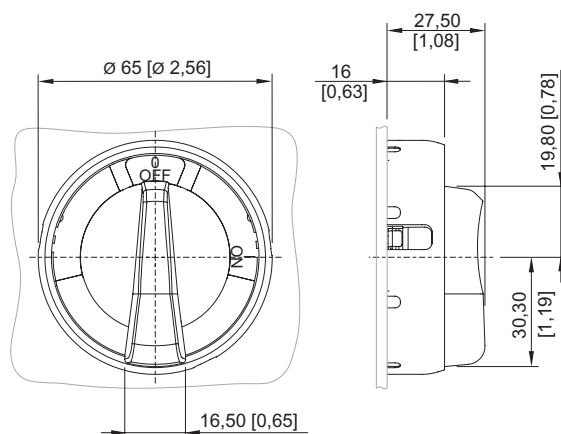
standard switch, lockable in I/OFF

handle position 90°

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

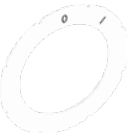
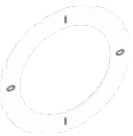


Standard cut-out with / without front label



8602/3-730 Rotary actuator, red handle, yellow protective collar
8602/3-731 Rotary actuator, black handle, black protective collar
Actuator with radial actuation

Accessories

Labels for large BG 728, BG 729, BG 730, BG 731 rotary actuator		Art. No.
	Ø 58 0/OFF I/ON	227004
	Ø 58 0 BETRIEB I	227005
	Ø 58 0 I II	227006
	Ø 58 I 0 II	227007
	Ø 58 I II	227008
	Ø 58 0 I	227009
	Ø 58 I 0 I 0	227010
	Ø 58 HAND 0 AUTO	227011
	Ø 58 0/OFF 0 I/ON	227012
	Ø 58, yellow 0/OFF 0 I/ON	227013
	Ø 58 0 I (90°)	273760

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Ø 58
plain

227014

Cylinder lock



for closing (bracket Ø 3)

Art. No.

107115

Spare Parts

Special key



for tightening plastic locking nut

Art. No.

169101

Adaptor for front installation



8602/3 Front installation for control switch series 8008

Art. No.

260081

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.