

Installation equipment

Mushroom stay-put button

Black

8602C3-012-B Art. No. 223699



- 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 Series 8082 contact elements
- Key-operated switches and rotary switches codable at any time as "latching/spring return" or "key not removable"

MY R. STAHL 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), Canada (UL), IECEX (PTB), India (PESO), Korea (KGS)

Functional Safety

SIL-capable	Only with contact elements 8082/1, 8082/2 and 8208/24-15
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Ambient Conditions

Ambient temperature	-20 °C ... +60 °C
Ambient temperature	-4 °F ... +140 °F
Storage temperature	-25 °C ... +60 °C

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Ambient Conditions

Storage temperature	-13 °F ... +140 °F
Use at the height of	< 2000 m
Degree of contamination	3

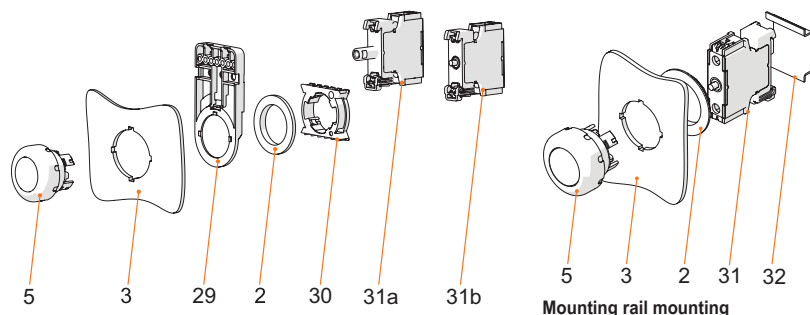
Mechanical Data

Degree of protection (IP)	IP66
Note on degree of protection	According to IEC/EN 60529
Enclosure material	Polyamide
Silicone-free	Yes
Assembly	012
Diameter	39 mm
Service life, min.	10 ⁶ actuations
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	min. IK08
Colour	Black
Fastening	Thread type
Seal	Standard
Packaging unit	1
Weight	50 g
Weight	0.11 lb

Mounting / Installation

Tightening torque	3 Nm
Tightening torque lbf in	26.55 lbf in

Technical Drawings – Subject to Alterations



Front installation mounting with Series 8010/6 indicator lamp and Series 8082/3 contact element

Mounting rail mounting

Key

- 2 = jam nut (order no. 205592)
- 3 = installation wall (wall thickness max. 5 mm [0.197 inch])
- 5 = actuator with seal
- 29 = support for cable duct (optional) (order no. 248673)
- 30 = adaptor (order no. 227038)
- 31a = built-in element: LED element 8010/6
- 31b = built-in element: Contact element 8082/3

Key

- 2 = jam nut (order no. 205592)
- 3 = installation wall (wall thickness max. 5 mm [0.197 inch])
- 5 = actuator with seal
- 31 = built-in element
- 32 = TS35 mounting rail

Installation equipment

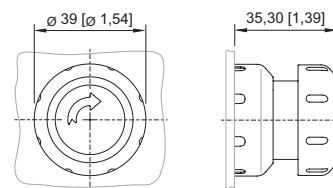
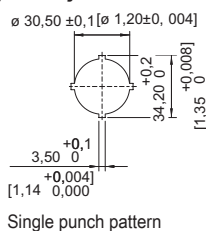
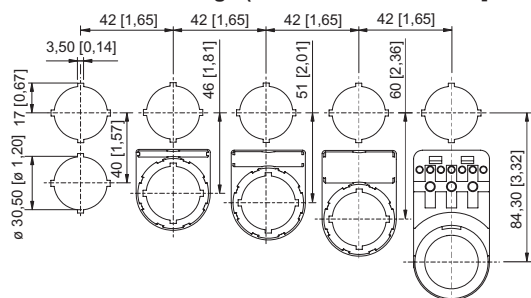
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



8602/3-010 red/yellow mushroom stay-put button
8602/3-012 black/black mushroom stay-put button
Actuator with axial actuation

Cut-out with/without additional designation plate

Spare Parts

Locking devices

		Art. No.
	8602C3-752 for actuated mushroom stay-put button BG010, BG012	244869
	8602C3-756 for actuated mushroom stay-put button BG010, BG012	244873
	8602C3-758 for not actuated mushroom stay-put button BG010, BG012	244874

Insert discs for label holder

		Art. No.
	One-line Plain Material: PVC Colour: White Self-adhesive	238271
	Two-line Plain Material: PVC Colour: White Self-adhesive	238272
	Three-line Plain Material: PVC Colour: White Self-adhesive	238273

Closing part

		Art. No.
	8602C3-733-B for closing unused holes in cover, dia. 30.5 mm, NBR	244306
	8602C3-733-S for closing unused holes in cover, dia. 30.5 mm, silicone	244307

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Protective collar

Art. No.

	8602C3-751 plastic/red for mushroom stay-put button with key lock/mushroom stay-put button dia. 39 BG006, BG009, BG010, BG012	257707
	8602C3-751 plastic/yellow for mushroom stay-put button with key lock/mushroom stay-put button dia. 39 BG006, BG009, BG010, BG012	257708


Label holder

Art. No.

	Size 1, without insert disc, 1-line label for actuators Ø 39	223566
	Size 2, without insert disc, 1- or 2-line label for actuators Ø 39	223567
	Size 3, without insert disc, 1-, 2- or 3-line label for actuators Ø 39	223568



Special key

Art. No.

	for tightening plastic locking nut	169101
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Pressure plates

Art. No.

	Dia. 37 mm Three contact elements	215436
	Dia. 48.5 mm Four contact elements	215437

Holder for front installation

Art. No.

	8602/3 holder for cable duct	248673
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Adaptor for front installation

Art. No.



8602/3 Front installation for indicator lamp series 8010/6 and contact element series 8082/3

227038

8082/3 Contact element

Art. No.



For NC front installation

240898

for NO contact front installation

240899

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