

8602C3-014-S Art. No. 244635



- 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 explosion protection	Ex II 2 G Ex eb IIC Gb
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC Db
UL gas certificate	E182378 V4 S2
Certificate ULus	E182378 V4 S2
Marking ULus	Class I, Zone 1, AEx eb IIC Gb Zone 21, AEx tb IIIC Db
Certificate cUL	E182378V4S2
Marking cUL	Class I, Zone 1, Ex eb IIC Gb Zone 21, Ex tb IIIC Db
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), Korea (KGS), USA (UL)
Ambient Conditions	
Ambient temperature	-60 °C ... 70 °C
Ambient temperature	-76 °F ... +158 °F
Storage temperature	-60 °C ... 70 °C
Storage temperature	-76 °F ... +158 °F

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Ambient Conditions

Use at the height of	< 2000 m
Max. operating altitude	2000 m
Degree of pollution	3

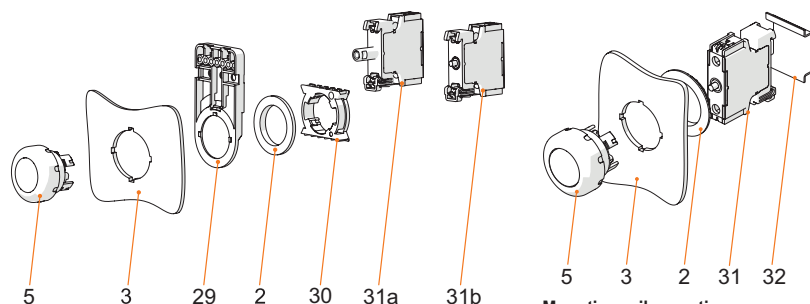
Mechanical Data

Version	55 mm
Degree of protection (IP)	IP66
Note on degree of protection	According to IEC/EN 60529
Enclosure material	Polyamide
Silicone-free	No
Assembly	014
Diameter	55 mm
Service life, min.	10 ⁵ actuations
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	min. IK08
Colour	Black/red
Mounting	Thread type
Designation plate	Red, blank disc without text
Seal	Silicone
Packaging unit	1
Weight	55 g
Weight	0.12 lb

Mounting / Installation

Mounting type	Front panel mounting
Tightening torque	3 N · m
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

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

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
- 31 = built-in element
- 32 = TS35 mounting rail

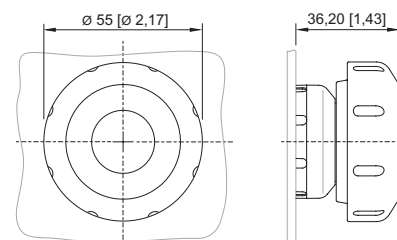
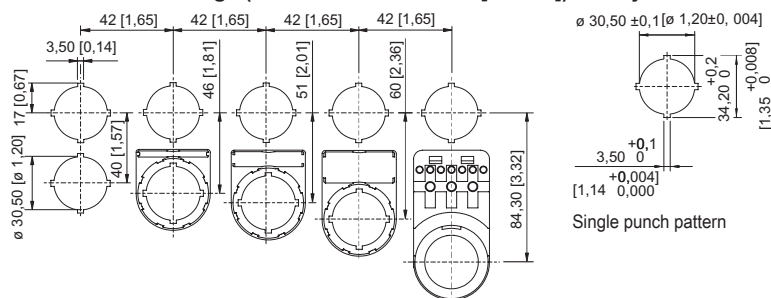
Installation equipment

Mushroom pushbutton 55 mm



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



8602/3-014 red/black mushroom pushbutton
8602/3-703 black/black mushroom pushbutton
Actuator with axial actuation












Cut-out with/without additional designation plate

Spare Parts











Contact element		Art. No.
	for NC front installation, 10 pieces	315697
	for NO front installation, 10 pieces	315698
	for NC front installation, 5 pieces	315699
	for NO front installation, 5 pieces	
	for NC front installation	240898
	for NO contact front installation	240899

Designation plate for pushbutton and selector switch		Art. No.
	Black Text: O	227741
	Black Text: I	227747
	Black Text: II	227754
	Black Symbol: Straight arrow, 45°	227778
	Black Text: EIN	227808
	Black Text: AUS	227811

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Designation plate for pushbutton and selector switch	Art. No.
	Blue Text: RESET 227926
	Green Text: I 227750
	Green Text: II 227753
	Green Text: START 227801
	Red Text: STOP 227804
	Red Text: AUS 227810
	Red Text: OFF 227814
	Red Text: O 227740
	White Text: I 227751
	Black Blank disc without text 215425
	Blue Blank disc without text 215427

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Designation plate for pushbutton and selector switch		Art. No.
	Green Blank disc without text	215424
	Red Blank disc without text	215423
	Red Symbol: Right arrow	272628
	White Blank disc without text	215426
	Yellow Blank disc without text	215428
Designation plates set for BG001, BG023		Art. No.
	The button label set contains nine labels 6x blank disc without text in red, green, white, blue, yellow and black 1x red label, text: STOP 1x green label, text: START 1x blue label, text: RESET	321791
Special key		Art. No.
	for tightening plastic locking nut	169101
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

Installation equipment

Mushroom pushbutton 55 mm



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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

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.