

# Control and signalling devices

## Control devices for panel mounting

Ex e

8003/131-727-3-rr UL Art. No. 213539



PanSiG



- Flexible configuration thanks to pushbutton, mushroom push-button, mushroom stay-put button, mushroom stay-put button with key lock, key-operated button and key-operated switch
- Easy to install using a single hole
- Codable "latching", "spring return" and "key not removable" functions
- Spring clamp terminals with connection chamber

### MY R. STAHL 8003A



R. STAHL Series 8003 switches and control buttons for panel mounting take on various switching functions in latching and spring return positions up to 6 A, which can be subsequently recoded. They are fully certified, explosion-protected equipment with an Ex e connection chamber. With the patented mounting mechanism, panel mounting with drilled holes or openings of 30.5 mm is quick and easy.

Compatible actuators are available for a comprehensive range of applications.

## Technical Data

### Explosion Protection

Area of application	European Union (ATEX) CE Code IECEX NEC®
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX PTB 06.0065X
IECEX gas explosion protection	Ex db eb IIC T6 Gb
IECEX dust certificate	IECEX PTB 06.0065X
IECEX dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas certificate	PTB 02 ATEX 1057 X
ATEX gas explosion protection	⊕ II 2 G Ex db eb IIC T6 Gb
ATEX dust certificate	PTB 02 ATEX 1057 X
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (PTB), Canada (UL), China (CQST), IECEX (PTB), Korea (KGS), USA (UL)
Declaration of Conformity	ATEX (EUK), ATEX (Simple apparatus), China (CCC), Declaration of Conformity (ATEX)
Notes	Product label may vary. Series devices are labelled with ATEX, IECEX, NEC® and CE Code.

### Electrical Data

Rated operational voltage AC	500 V
Rated operational current	6 A
Switching capacity AC-12	500 V / 6 A / max. 3000 VA
Switching capacity AC-15	400 V / 6 A / max. 1250 VA
Switching capacity DC-13	110 V / 1 A / max. 110 W
Switching capacity DC-13<SoftReturn/>2 contact elements in series	60 V/6 A

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### Ambient Conditions

Ambient temperature	-20 °C ... +60 °C
Ambient temperature	-4 °F ... +140 °F
Ambient temperature NEC®	-30 °C ... +60 °C
Ambient temperature NEC®	-22 °F ... +140 °F

### Mechanical Data

Degree of protection (IP) (IEC 60529)	Reverse side IP65, front side IP65
Enclosure material	Polyamide
Contact material	Silver-nickel
Silicone-free	Yes
Number of NOs	2
Number of switching positions	3
Connection cross-section	0.75 ... 1.5 mm <sup>2</sup>
Connection cross-section AWG	18 AWG ... 12 AWG
Depth of cut-out	130 mm
Mounting depth in inches	5.12 in
Service life, min.	10 <sup>5</sup> operating cycles
Weight	125 g
Weight	0.28 lb

### Mounting / Installation

Tightening torque	3 Nm
Tightening torque lbf in	26.55 lbf in

### Components

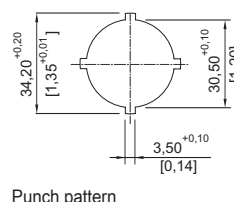
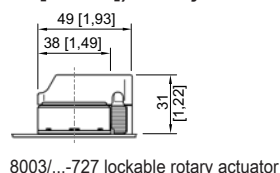
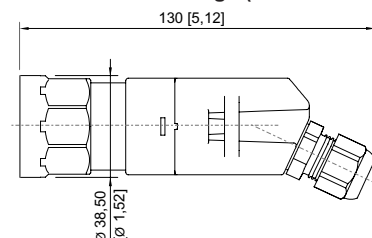
Actuator	Rotary actuator, small Padlockable
Entry 1	8161/7-M16-0902
Entry 1 type	Polyamide cable gland, black

### Technical Drawings – Subject to Alterations



Schematic 8003/13.  
NO

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



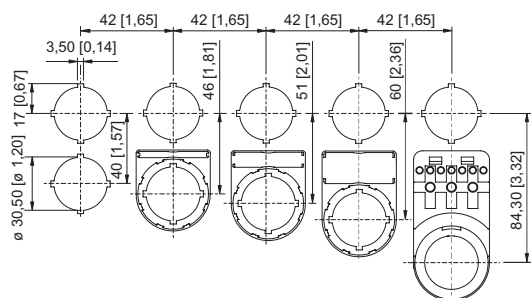
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Cut-out with/without additional designation plate

## Accessories

### Actuators



Control switch, not lockable  
 Three switching positions:  
 I = freely codable  
 0 = latching  
 II = freely codable  
 (all necessary coding elements are included)

### Art. No.

155536

## Spare Parts

### Label holder



Label holder, size 1, without insert disc  
 Labelling: 1-line  
 can be installed in dia. 30.5 mm drilled holes for actuators

### Art. No.

155632



Label holder, size 2, without insert disc  
 Labelling: 1- or 2-line  
 can be installed in dia. 30.5 mm drilled holes for actuators

155687

### Insert discs for label holder



One-line  
 Plain  
 Material: PVC  
 Colour: White  
 Self-adhesive

### Art. No.

238271



Two-line  
 Plain  
 Material: PVC  
 Colour: White  
 Self-adhesive

238272



Three-line  
 Plain  
 Material: PVC  
 Colour: White  
 Self-adhesive

238273

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## 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

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.