

Control and signalling devices

Control devices for panel mounting

Ex e

8003/131-726-3-tt Art. No. 269823



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 8003B



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) IECEX CCC |
| 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), China (CQST), IECEX (PTB), Korea (KGS) |
| Declaration of conformity | ATEX (EUK), China (CCC) |
| Notes | Product label may vary. Series devices are labelled with ATEX and IECEX. |

Electrical Data

| | |
|--|----------------------------|
| AC rated operational voltage | 500 V |
| Rated operational current | 6 A |
| 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 2 contact elements in series | 60 V/6 A |

Ambient Conditions

| | |
|---------------------|------------------|
| Ambient temperature | -20 °C ... 60 °C |
|---------------------|------------------|

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Ambient Conditions

Ambient temperature -4 °F ... +140 °F

Mechanical Data

Degree of protection (IP) (IEC 60529) Reverse side IP65, front side IP66

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 mm²

Connection cross-section AWG 18 AWG ... 12 AWG

Mounting depth 130 mm

Mounting depth in inches 5.12 in

Service life, min. 10⁵ operating cycles

Weight 125 g

Mounting / Installation

Tightening torque 3 N · m

Tightening torque lbf in 26.55 lbf in

Components

Actuator Rotary actuator, small Not padlockable

Entry 1 8161/7-M16-0902

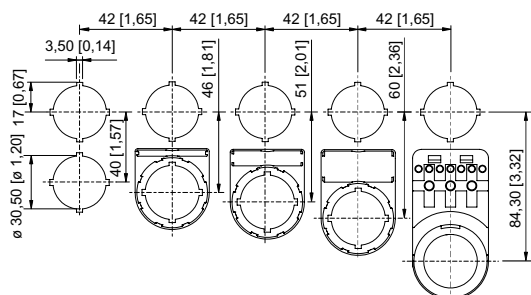
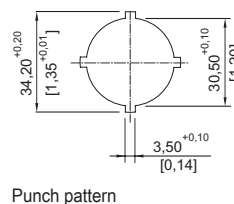
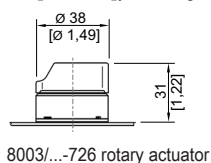
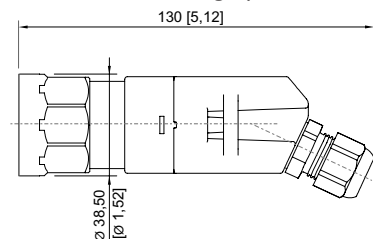
Entry 1 type Polyamide cable gland, black

Technical Drawings – Subject to Alterations



Schematic 8003/13.
NO

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



Cut-out with/without additional designation plate

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Accessories

| 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 |

Spare Parts

| Label holder | | Art. No. |
|--|--|----------|
|  | Label holder, size 1, without insert disc Labelling: 1-line can be installed in dia. 30.5 mm drilled holes for actuators | 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 |
|  | Label holder, size 3, without insert disc Labelling: 1-, 2- or 3-line can be installed in dia. 30.5 mm drilled holes for actuators | 155844 |

| 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 |

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.