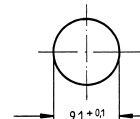


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## Illuminable pushbutton, mounting hole diameter 9.1 mm, 24 V/0.5 A



Pict.: red



### Technical data

#### General information

Form of lens protruding lens  
Colour of lens see order block  
Form of collar round

Contact resistance when new max. 50 mΩ  
Contact resistance acc. to life max. 300 mΩ  
Bouncing time max. 10 ms  
Lamp voltage see order block

#### Dimensions

Diameter of collar 11 mm  
Overall height 7 mm  
Mounting depth 25 mm  
Mounting hole 9.1 mm

#### Other specifications

Operating life key switch 200000  
Operating life filament lamp see order block

#### Mechanical design

Mounting ring nut  
Terminals solder terminals  
Contact system bridge contact  
Contact function momentary  
Contact arrangement 1 NC + 1 NO  
Contact materials Au  
Illuminability see order block  
Lamp socket no

Degree of protection from front side IP40  
Ambient temp. operating min. -25 °C  
Ambient temp. operating max. +70 °C  
Storage temperature min. -40 °C  
Storage temperature max. +80 °C  
Resistance to constant environment according to IEC 600 68-2-3 and 2-30

#### Mechanical characteristics

Operating force max. 5 N  
Operating travel 1.5 mm  
Switching travel NC 0.5 mm  
Switching travel NO 1 mm  
Robustness min. 100 N

Soldering temperature max. 350 °C  
Resistance at variable environment according to IEC 600 68-2-14 and 2-33

#### Electrical characteristics

Rated voltage AC/DC max. 24 V  
Rated voltage DC max. 24 V  
Rated current max. 0.5 A

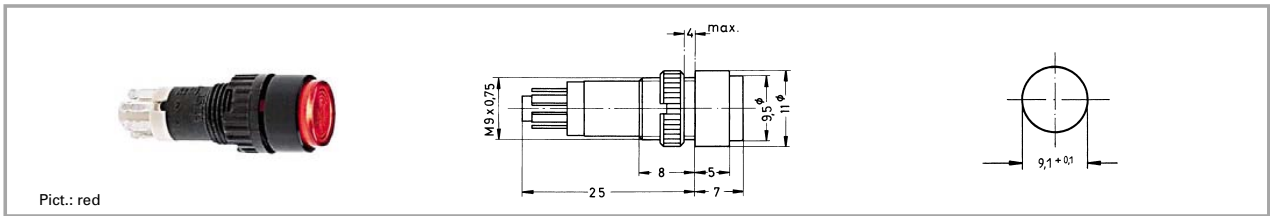
Weight 3 g  
Soldering time max. 3 sec.

Other Pushb.

### Accessories Illuminable pushbutton, mounting hole diameter 9.1 mm, 24 V/0.5 A

Description	Photo	Order no.	Page
Fixing spanner M 9, M 10		<b>5.58.002.025/0105</b>	5 - 23

## Illuminable pushbutton, mounting hole diameter 9.1 mm, 24 V/0.5 A



Pict.: red

Contact arrangement	Contact function	Illuminability	Lamp voltage	Colour of lens	Order no.
1 NC + 1 NO	momentary	filament lamp	24 V / 0.7 W	transparent colourless	<b>1.15.106.021/1002</b>
1 NC + 1 NO	momentary	filament lamp	24 V / 0.7 W	transparent red	<b>1.15.106.021/1307</b>
1 NC + 1 NO	momentary	filament lamp	24 V / 0.7 W	transparent yellow	1.15.106.021/1403
1 NC + 1 NO	momentary	filament lamp	24 V / 0.7 W	transparent green	1.15.106.021/1510
1 NC + 1 NO	momentary	no		opaque black	1.15.106.301/0104
1 NC + 1 NO	momentary	no		opaque white	1.15.106.301/0214
1 NC + 1 NO	momentary	no		opaque red	1.15.106.301/0313
1 NC + 1 NO	momentary	no		opaque yellow	1.15.106.301/0410
1 NC + 1 NO	momentary	no		opaque green	1.15.106.301/0518
1 NC + 1 NO	momentary	LED super bright white	2 V/10 mA external series resistor	transparent white	1.15.106.505/1000
1 NC + 1 NO	momentary	LED super bright red	2 V/10 mA external series resistor	transparent red	<b>1.15.106.501/1300</b>
1 NC + 1 NO	momentary	LED super bright yellow	2 V/10 mA external series resistor	transparent yellow	<b>1.15.106.503/1400</b>
1 NC + 1 NO	momentary	LED super bright green	2 V/10 mA external series resistor	transparent green	<b>1.15.106.502/1500</b>
1 NC + 1 NO	momentary	LED super bright blue	2 V/10 mA external series resistor	transparent blue	1.15.106.504/1600

Technical data see page 1 - 76

Recommended values for external series resistor for LED:

- 5 - 7 V = 270 Ω, 0.25 W
- 12 - 14 V = 680 Ω, 0.5 W
- 24 - 28 V = 1500 Ω, 1 W

Operating life filament Lamp: approx. 2000 h.

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Other Pushb.