

## Pushbutton Ø 22 mm silver contact

82-6152.1000.B001



<https://eao.com/p/82-6152.1000.B001>

Your product:

---



## 82-6152.1000.B001

### Pushbutton Ø 22 mm silver contact

#### FRONT

Front form:	round
Front dimension:	Ø 25 mm
Front bezel shape:	flush
Front bezel material:	Stainless steel

#### MOUNTING

Mounting cut-out:	Ø 22 mm
Mounting type:	Panel mounting

#### OPERATING-/INDICATION PART

Lens shape:	flush
Lens colour:	Silver
Lens illumination:	non illuminative
Lens optics:	opaque
Symbol:	ON/OFF
Lens material:	Stainless steel

#### ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

$\cos\phi$  0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

<b>Contacts:</b>	1 C
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Rated insulation voltage <math>U_i</math>:</b>	250 V
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Rated Operational Voltage <math>U_e</math>:</b>	250 VAC
<b>Thermal current <math>I_{th}</math>:</b>	5 A

## MECHANICAL CHARACTERISTIC

<b>Contact material:</b>	Silver
<b>Weight:</b>	0.018 kg
<b>Terminal:</b>	Screw terminal
<b>Tightening torque:</b>	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
<b>Operating force:</b>	4 N ... 7 N
<b>Switching action:</b>	Momentary
<b>Operating Travel:</b>	ca. 3 mm
<b>Mechanical lifetime:</b>	1 Mio. cycles of operation
<b>Switching system:</b>	Snap-action switching element

## AMBIENT CONDITION

<b>IP front protection:</b>	IP65, IP67
<b>Storage temperature:</b>	

– 40 °C ... + 80 °C

**Operating temperature:**

– 30 °C ... + 70 °C

**Vibration resistance:**

10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

**Climate resistance:**

Damp heat, 21 days according to IEC 60512-11

**Shock resistance:**

Max. 500 m / s<sup>2</sup> as per IEC 60068-2-27

## CERTIFICATE

**Conformities:**

CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

**Approbations:**

CB, CCC, C UL, UL

**REACH:**

REACH compliant

**RoHS:**

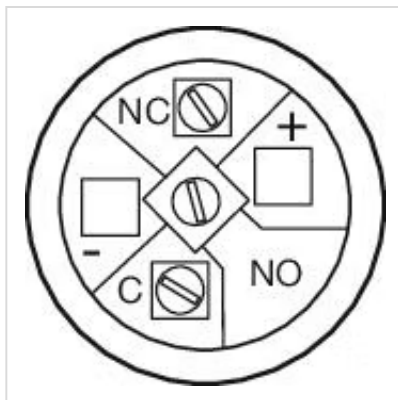
RoHS compliant

## OTHER

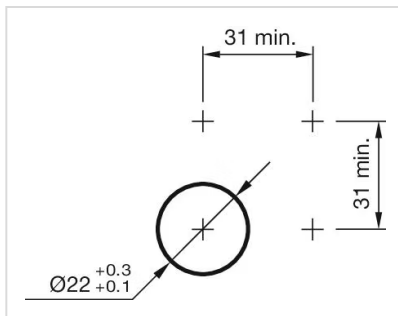
**Short Description:**

Pushbutton Ø 22 mm silver contact, Momentary, 1 C, Screw terminal, round, Stainless steel, ON/OFF, Silver

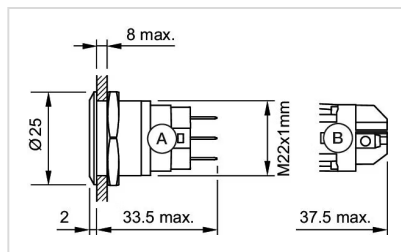
**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

#### Wiring diagrams:

