

## Pushbutton Ø 22 mm silver contact

82-6152.2000.B002



<https://eao.com/p/82-6152.2000.B002>

Your product:

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82-6152.2000.B002

Pushbutton Ø 22 mm silver contact

#### FRONT

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

#### MOUNTING

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

#### OPERATING-/INDICATION PART

Lens shape:	flush
Lens optics:	opaque
Lens illumination:	non illuminative
Lens material:	Stainless steel
Symbol:	Standby
Lens colour:	Silver

#### ELECTRICAL CHARACTERISTICS

Rated insulation voltage Ui:	250 V
Thermal current Ith:	5 A
Electrical lifetime:	50 000 cycles of operation
Contacts:	1 C

<b>Pollution degree:</b>	2, according to EN IEC 60947-1		
<b>Switching voltage and switching current:</b>	according to IEC 60947-5-1 (Silver contacts) Service categorie AC-15 Voltage 24 VAC 35 VAC 110 VAC 220 VAC Switch rating DC service categorie DC-13 (Silver contacts) Voltage 24 VDC 35 VDC 110 VDC 220 VDC		
		Current	1 A
			1 A (M12 versio
			1 A
			0.5 A
		Current	0.7 A
			0.5 A (M12 vers
			0.2 A
			0.1 A
	according to UL 508 (Silver contacts) cosφ 0,75 ... 0,8 Voltage 120 VAC 240 VAC 24 VAC		
		Current	5 A
			3 A
			1 A
<b>Rated Operational Voltage Ue:</b>	250 VAC		
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground		

## MECHANICAL CHARACTERISTIC

<b>Switching system:</b>	Snap-action switching element
<b>Weight:</b>	0.018 kg
<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Operating Travel:</b>	ca. 3 mm
<b>Switching action:</b>	Maintained
<b>Operating force:</b>	4 N ... 7 N
<b>Tightening torque:</b>	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
<b>Terminal:</b>	Screw terminal
<b>Contact material:</b>	Silver

## AMBIENT CONDITION

<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
<b>IP front protection:</b>	IP65, IP67
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Storage temperature:</b>	– 40 °C ... + 80 °C
<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>Climate resistance:</b>	

Damp heat, 21 days according to IEC 60512-11

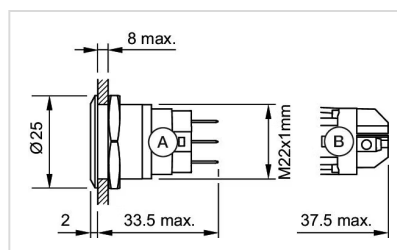
## CERTIFICATE

<b>REACH:</b>	REACH compliant
<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
<b>Approbations:</b>	CB, CCC, C UL, UL
<b>RoHS:</b>	RoHS compliant

## OTHER

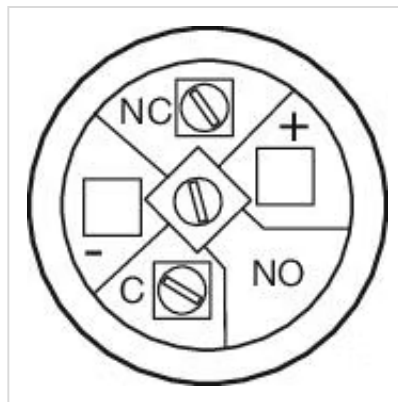
**Short Description:** Pushbutton Ø 22 mm silver contact, Maintained, 1 C, Screw terminal, round, Stainless steel, Standby, Silver

### Dimension drawings:

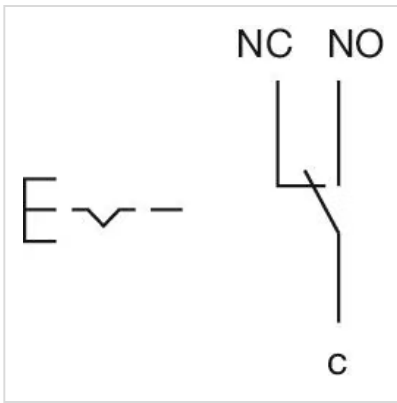


A = Solder terminal  
B = Screw terminal

### Component layouts:



### Wiring diagrams:



**Mounting cut-outs:**

