

# Push button Ø 22 mm silver contact

Distribution by  
Mouser



82-6151.2000.B002



<https://mouser.eao.com/component/82-6151.2000...>

Your product:

---



82-6151.2000.B002  
Push button Ø 22 mm silver contact

#### FRONT

Front dimension:	Ø 25 mm
Front form:	Round
Front bezel material:	Stainless steel
Front bezel shape:	Flush

#### MOUNTING

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

#### OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Stainless steel
Lens illumination:	Non illuminated
Lens shape:	Flush
Lens optics:	opaque
Symbol:	Standby

#### ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	
--	--

according to IEC 60947-5-1 (Silver contacts)  
Service categorie AC-15

Voltage	Current
24 VAC	1 A
35 VAC	1 A (M12 version)
110 VAC	1 A
220 VAC	0.5 A
Switch rating DC service categorie DC-13 (Silver contacts)	
Voltage	Current
24 VDC	0.7 A
35 VDC	0.5 A (M12 version)
110 VDC	0.2 A
220 VDC	0.1 A

according to UL 508 (Silver contacts)  
 $\cos\phi$  0,75 ... 0,8

Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

<b>Contacts:</b>	1 C
<b>Switching rating:</b>	240 V
<b>Electrical lifetime:</b>	50 000 cycles of operation
<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>Thermal current <math>I_{th}</math>:</b>	5 A

## MECHANICAL CHARACTERISTICS

<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm
<b>Contact material:</b>	Silver
<b>Switching action:</b>	Maintained
<b>Switching system:</b>	Snap-action switching element
<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Operating force:</b>	4 N ... 7 N
<b>Operating Travel:</b>	ca. 3 mm
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Weight:</b>	0.018 kg

## AMBIENT CONDITION

<b>IP front protection:</b>	IP65, IP67
<b>Operating temperature:</b>	- 30 °C ... + 70 °C
<b>Storage temperature:</b>	

– 40 °C ... + 80 °C

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

**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

## CERTIFICATE

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

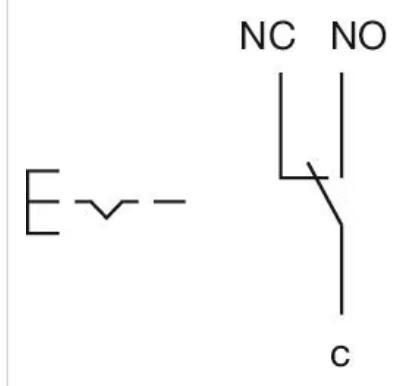
**REACH:** REACH compliant

**RoHS:** RoHS compliant

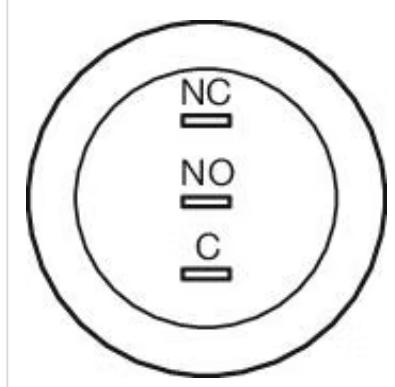
## OTHER

**Short Description:** Push button Ø 22 mm silver contact, Maintained, 240 V, 1 C, Soldering terminal, 2.8 x 0.5 mm, Round, Stainless steel, Standby, Silver

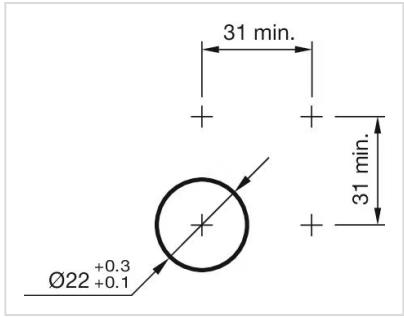
**Wiring diagrams:**



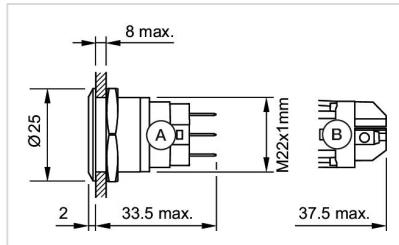
**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal