

Pushbutton Ø 22 mm silver contact

82-6161.2000.B002



<https://eao.com/p/82-6161.2000.B002>

Your product:



82-6161.2000.B002
Pushbutton Ø 22 mm silver contact

FRONT

Front bezel material: Stainless steel
Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Lens shape: raised
Lens illumination: non illuminative
Lens material: Stainless steel
Lens optics: opaque
Lens colour: Silver

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
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)	
$\cos\phi$ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Pollution degree:	2, according to EN IEC 60947-1
Electric strength:	1500 VAC, 50 Hz 1 minute between live terminals and ground
Electrical lifetime:	50 000 cycles of operation
Rated insulation voltage Ui:	250 V
Thermal current Ith:	5 A
Rated Operational Voltage Ue:	250 VAC
Contacts:	1 C

MECHANICAL CHARACTERISTIC

Operating force:	4 N ... 7 N
Switching system:	Snap-action switching element
Tightening torque:	0.5 ... 0.6 Nm
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Mechanical lifetime:	500 000 cycles of operation
Switching action:	Maintained
Contact material:	Silver
Weight:	0.02 kg
Operating Travel:	ca. 3 mm

AMBIENT CONDITION

Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Operating temperature:	- 30 °C ... + 70 °C
Storage temperature:	- 40 °C ... + 80 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

OTHER

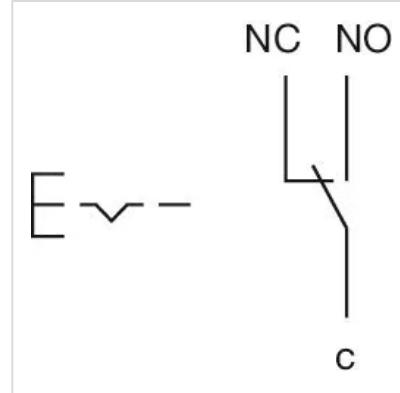
Symbol:

Standby

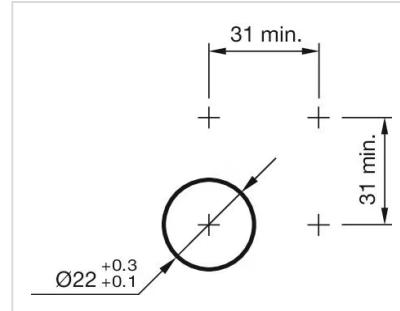
Short Description:

Pushbutton Ø 22 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Standby, Silver

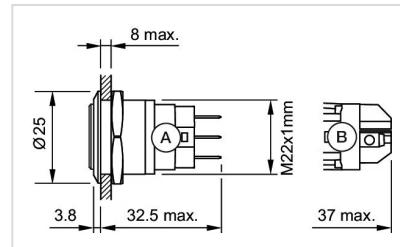
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:

