

Pushbutton Ø 22 mm silver contact

82-6161.2000



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

Your product:



82-6161.2000
Pushbutton Ø 22 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 22 mm
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OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Pollution degree:	2, according to EN IEC 60947-1
Rated Operational Voltage Ue:	250 VAC
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

Electrical lifetime: 50 000 cycles of operation

Thermal current I_{th} : 5 A

Rated insulation voltage Ui : 250 V

Contacts: 1 C

MECHANICAL CHARACTERISTIC

Mechanical lifetime: 500 000 cycles of operation

Terminal: Soldering terminal, 2.8 x 0.5 mm

Weight: 0.02 kg

Operating Travel: ca. 3 mm

Contact material: Silver

Operating force: 4 N ... 7 N

Tightening torque: 0.5 ... 0.6 Nm

Switching action: Maintained

Switching system: Snap-action switching element

AMBIENT CONDITION

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

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

Climate resistance: Damp heat, 21 days according to IEC 60512-11

IP front protection: IP65, IP67

Operating temperature:

– 30 °C ... + 70 °C

Storage temperature:

– 40 °C ... + 80 °C

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

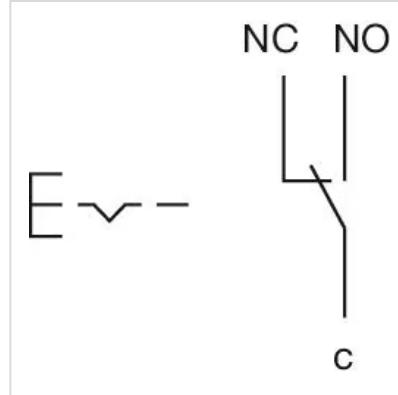
CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

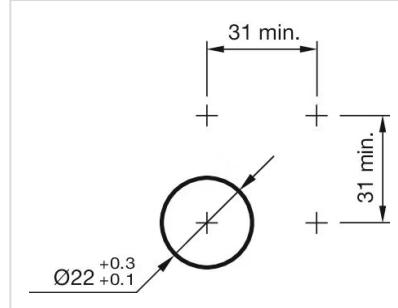
Short Description:

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

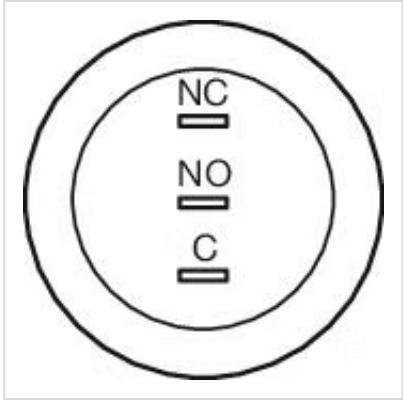
Wiring diagrams:



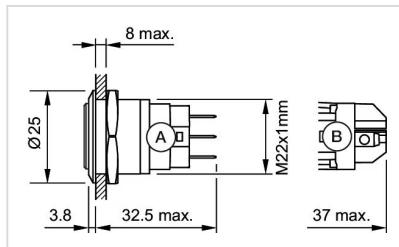
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal