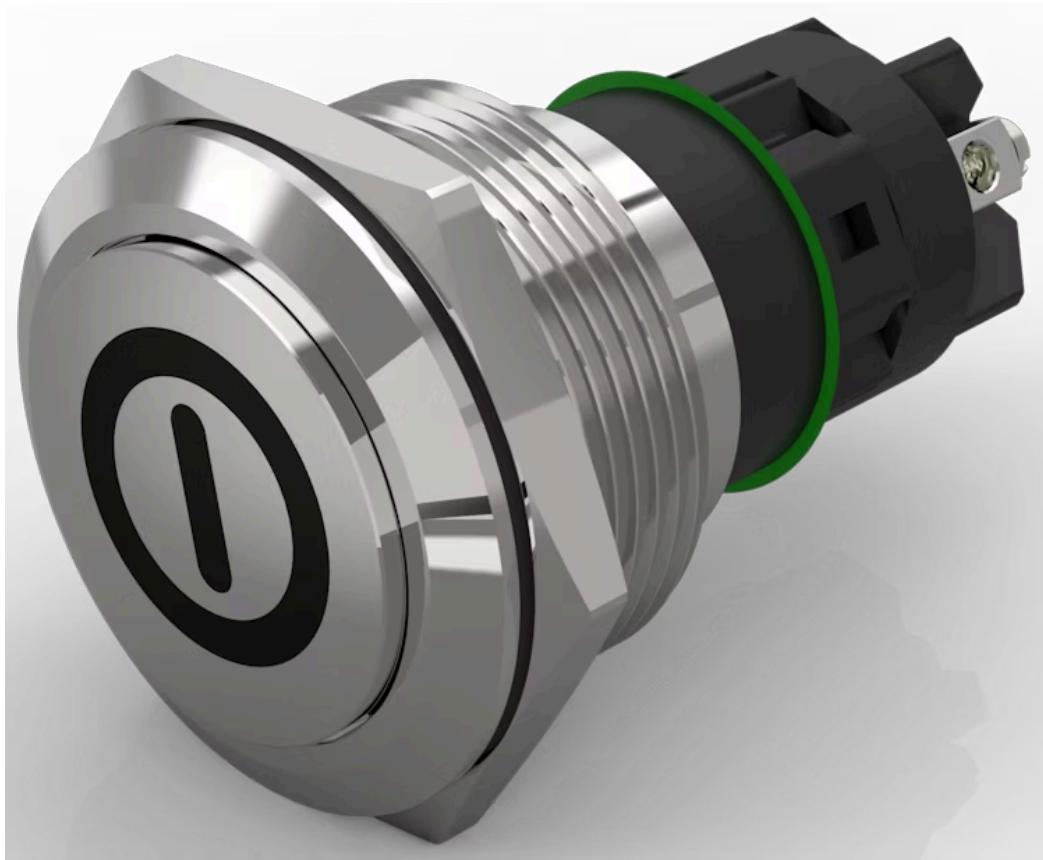


Pushbutton Ø 22 mm silver contact

82-6162.1000.B001



<https://eao.com/p/82-6162.1000.B001>

Your product:



82-6162.1000.B001
Pushbutton Ø 22 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

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

Pollution degree: 2, according to EN IEC 60947-1

Thermal current I_{th} : 5 A

Rated insulation voltage Ui : 250 V

Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground

Contacts: 1 C

MECHANICAL CHARACTERISTIC

Switching action: Momentary

Contact material: Silver

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Weight: 0.02 kg

Terminal: Screw terminal

Switching system: Snap-action switching element

Operating Travel: ca. 3 mm

Mechanical lifetime: 1 Mio. cycles of operation

Operating force: 4 N ... 7 N

AMBIENT CONDITION

IP front protection: IP65, IP67

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

Operating temperature:

– 30 °C ... + 70 °C

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

Storage temperature: – 40 °C ... + 80 °C

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

CERTIFICATE

RoHS: RoHS compliant

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

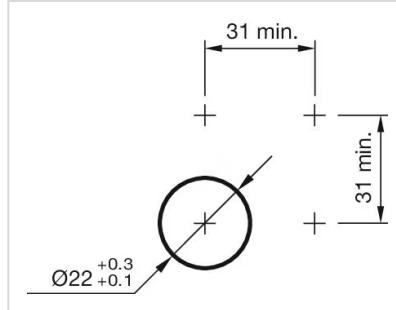
REACH: REACH compliant

Approbations: CB, CCC, C UL, UL

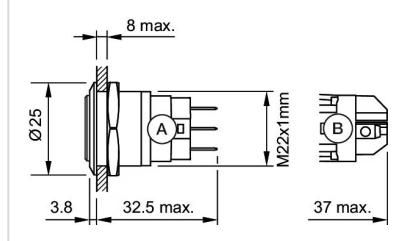
OTHER

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

Mounting cut-outs:

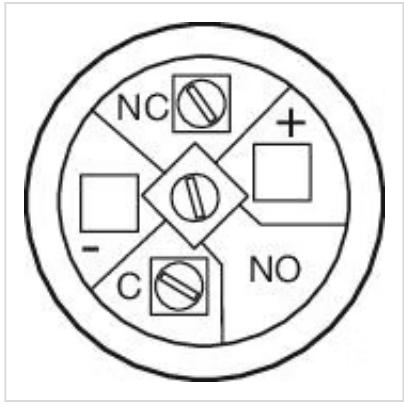


Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:



Wiring diagrams:

