

Pushbutton Ø 22 mm silver contact

82-6162.1000



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

Your product:



82-6162.1000
Pushbutton Ø 22 mm silver contact

FRONT

Front bezel shape: flush
Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Pollution degree: 2, according to EN IEC 60947-1
Contacts: 1 C
Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground
Electrical lifetime: 50 000 cycles of operation
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

Thermal current I_{th} : 5 A

Rated Operational Voltage U_e : 250 VAC

Rated insulation voltage U_i : 250 V

MECHANICAL CHARACTERISTIC

Terminal: Screw terminal

Mechanical lifetime: 1 Mio. cycles of operation

Weight: 0.02 kg

Operating force: 4 N ... 7 N

Operating Travel: ca. 3 mm

Switching action: Momentary

Switching system: Snap-action switching element

Contact material: Silver

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

AMBIENT CONDITION

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

Operating temperature: - 30 °C ... + 70 °C

Shock resistance: Max. 500 m / s² 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

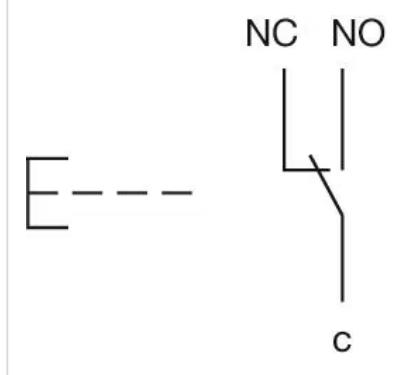
Approbations: CB, CCC, C UL, UL

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

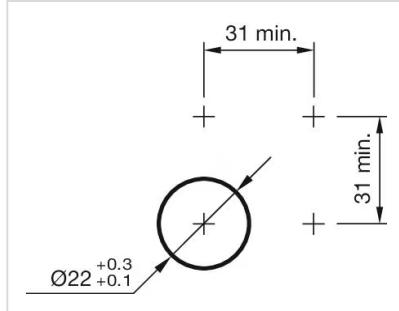
OTHER

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

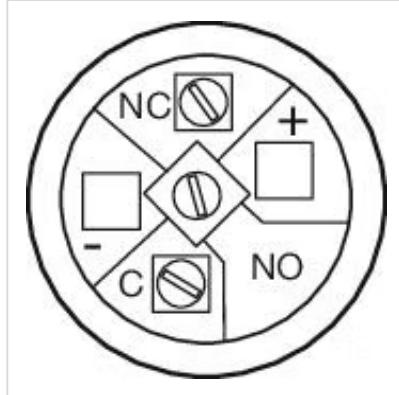
Wiring diagrams:



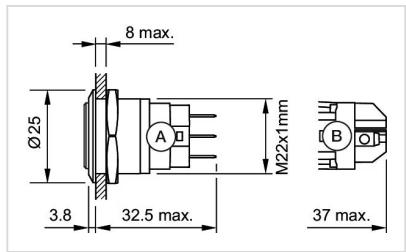
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal