

Pushbutton Ø 22 mm silver contact

82-6161.1000.B001



<https://eao.com/p/82-6161.1000.B001>

Your product:



82-6161.1000.B001

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 material: Stainless steel

Lens colour: Silver

Lens shape: flush

Lens illumination: non illuminative

Lens optics: opaque

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage U_e: 250 VAC

Electrical lifetime: 50 000 cycles of operation

Thermal current I_{th}: 5 A

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

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

Rated insulation voltage U_i: 250 V

Contacts: 1 C

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

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

$\cos\phi$ 0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

MECHANICAL CHARACTERISTIC

Switching system:	Snap-action switching element
Operating force:	4 N ... 7 N
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm
Weight:	0.02 kg
Switching action:	Momentary
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Contact material:	Silver
Mechanical lifetime:	1 Mio. cycles of operation

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
Storage temperature:	- 40 °C ... + 80 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Operating temperature:	- 30 °C ... + 70 °C

CERTIFICATE

Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
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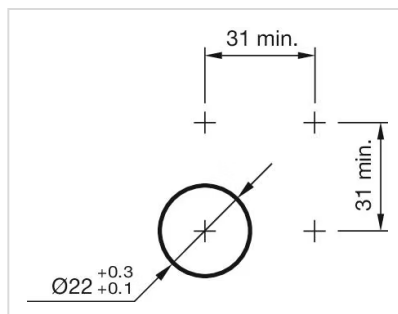
Approbations: CB, CCC, C UL, UL

OTHER

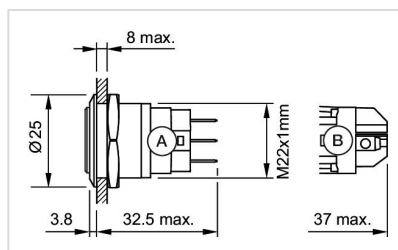
Symbol: ON/OFF

Short Description: Pushbutton Ø 22 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, ON/OFF, Silver

Mounting cut-outs:

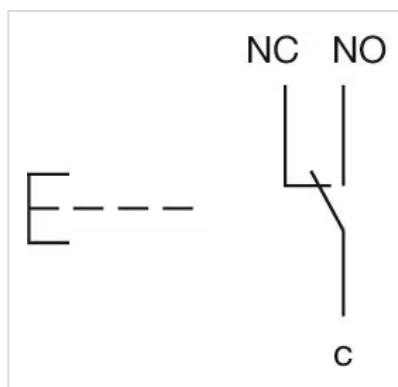


Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:



Component layouts:

