

Pushbutton Ø 22 mm silver contact

82-6152.2000



<https://eao.com/p/82-6152.2000>

Your product:



82-6152.2000

Pushbutton Ø 22 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Thermal current I _{th} :	5 A
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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

Rated insulation voltage U_i:	250 V
Contacts:	1 C
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 U_e:	250 VAC
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Contact material:	Silver
Switching action:	Maintained
Weight:	0.018 kg
Operating force:	4 N ... 7 N
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Switching system:	Snap-action switching element
Operating Travel:	ca. 3 mm
Terminal:	Screw terminal
Mechanical lifetime:	500 000 cycles of operation

AMBIENT CONDITION

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

IP front protection:

IP65, IP67

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

RoHS:

RoHS compliant

REACH:

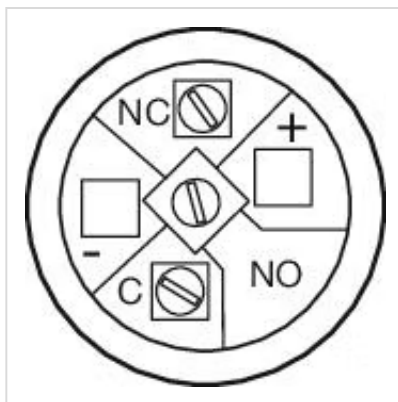
REACH compliant

OTHER

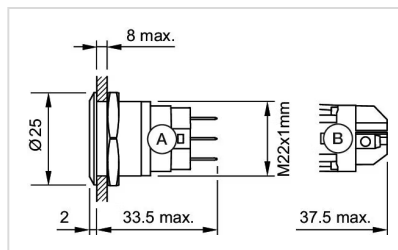
Short Description:

Pushbutton Ø 22 mm silver contact, Maintained, 1 C, Screw terminal, round, Stainless steel, Silver

Component layouts:

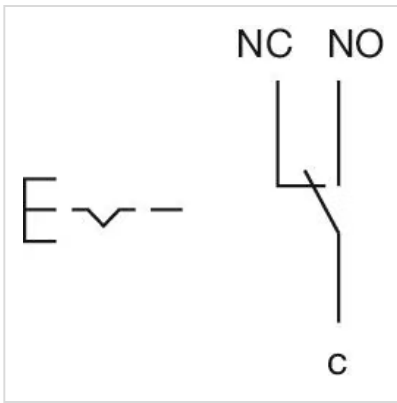


Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:



Mounting cut-outs:

