

Pushbutton Ø 22 mm silver contact

82-6151.2000.B002



<https://eao.com/p/82-6151.2000.B002>

Your product:



82-6151.2000.B002

Pushbutton Ø 22 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

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)	
cosφ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Pollution degree:	2, according to EN IEC 60947-1
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Contacts:	1 C
Electrical lifetime:	50 000 cycles of operation
Thermal current Ith:	5 A

MECHANICAL CHARATERISTIC

Operating force:	4 N ... 7 N
Weight:	0.018 kg
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Contact material:	Silver
Mechanical lifetime:	500 000 cycles of operation
Tightening torque:	0.5 ... 0.6 Nm
Switching system:	Snap-action switching element
Operating Travel:	ca. 3 mm
Switching action:	Maintained

AMBIENT CONDITION

Operating temperature:	– 30 °C ... + 70 °C
Storage temperature:	– 40 °C ... + 80 °C
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

IP front protection: IP65, IP67

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

CERTIFICATE

RoHS: RoHS compliant

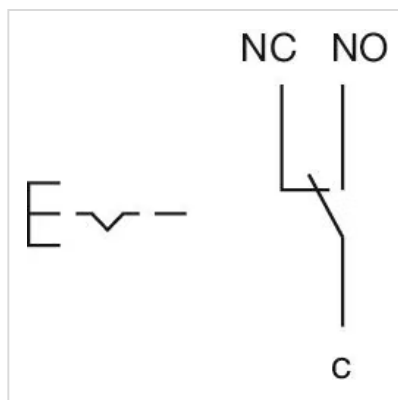
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

REACH: REACH compliant

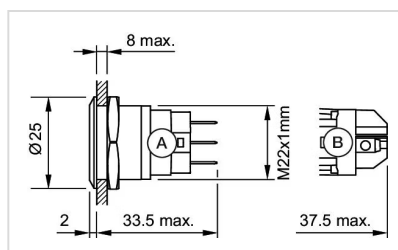
OTHER

Short Description: Pushbutton Ø 22 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Standby, Silver

Wiring diagrams:

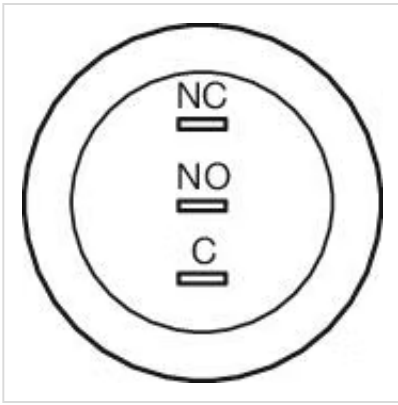


Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:



Mounting cut-outs:

