

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)

$\cos\phi$ 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 live terminals and ground

Contacts: 1 C

Electrical lifetime: 50 000 cycles of operation

Thermal current I_{th} : 5 A

MECHANICAL CHARACTERISTIC

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

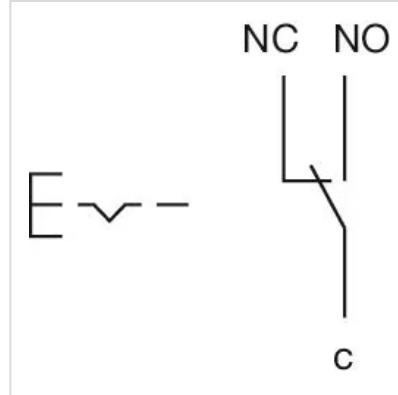
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

REACH: REACH compliant

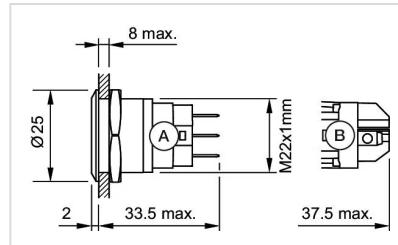
OTHER

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

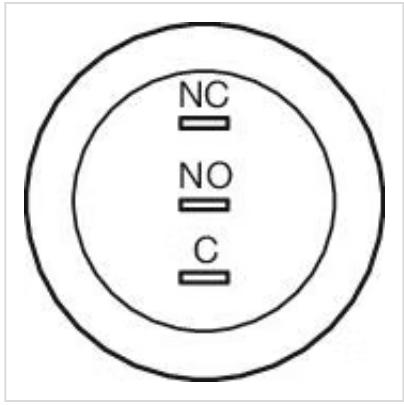
Wiring diagrams:



Dimension drawings:



Component layouts:



Mounting cut-outs:

