

Pushbutton Ø 22 mm silver contact

82-6561.2000



<https://eao.com/p/82-6561.2000>

Your product:



82-6561.2000

Pushbutton Ø 22 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Aluminium

MOUNTING

Mounting cut-out:	Ø 22 mm
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OPERATING-/INDICATION PART

Lens material:	Aluminium
Lens optics:	opaque
Lens colour:	Nature
Lens shape:	raised
Lens illumination:	non illuminative

ELECTRICAL CHARACTERISTICS

Electrical lifetime:	50 000 cycles of operation
Rated insulation voltage U_i :	250 V
Thermal current I_{th} :	5 A
Pollution degree:	2, according to EN IEC 60947-1
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
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

Contacts:	1 C
Rated Operational Voltage Ue:	250 VAC

MECHANICAL CHARATERISTIC

Switching system:	Snap-action switching element
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm
Weight:	0.02 kg
Contact material:	Silver
Operating force:	4 N ... 7 N
Mechanical lifetime:	500 000 cycles of operation
Switching action:	Maintained

AMBIENT CONDITION

Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Operating temperature:	– 30 °C ... + 70 °C
Storage temperature:	– 40 °C ... + 80 °C

CERTIFICATE

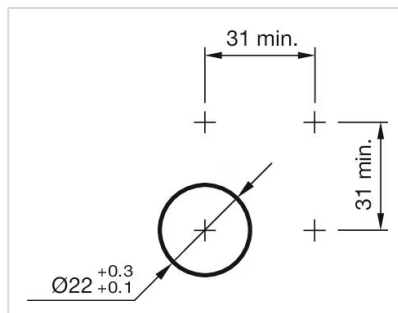
Approbations: CB, CCC, C UL, UL

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

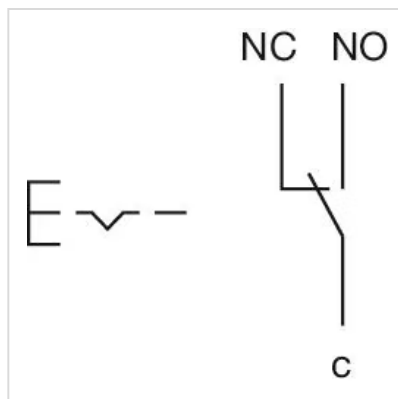
OTHER

Short Description: Pushbutton Ø 22 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Nature

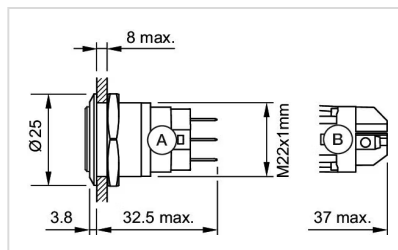
Mounting cut-outs:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:

