

Pushbutton Ø 19 mm silver contact

82-5161.1000



<https://eao.com/p/82-5161.1000>

Your product:



82-5161.1000
Pushbutton Ø 19 mm silver contact

FRONT

Front dimension:	Ø 22 mm
Front form:	round
Front bezel material:	Stainless steel
Front bezel shape:	flush

MOUNTING

Mounting cut-out:	Ø 19 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Rated insulation voltage Ui:	250 V
Electrical lifetime:	50 000 cycles of operation
Rated Operational Voltage Ue:	250 VAC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

Thermal current Ith:	5 A		
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 versio		
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 vers		
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		

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Operating temperature:	- 30 °C ... + 70 °C
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
IP front protection:	IP65, IP67
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Storage temperature:	- 40 °C ... + 80 °C

CERTIFICATE

RoHS:

RoHS compliant

Conformities:

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

Approbations:

CB, CCC, C UL, UL

REACH:

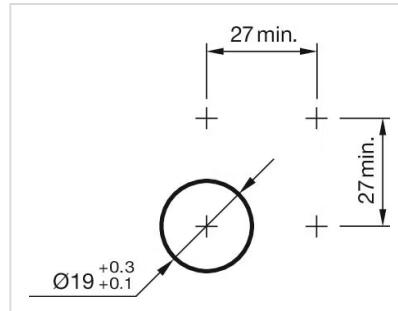
REACH compliant

OTHER

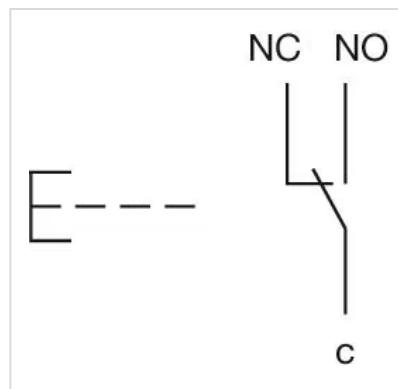
Short Description:

Pushbutton Ø 19 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Silver

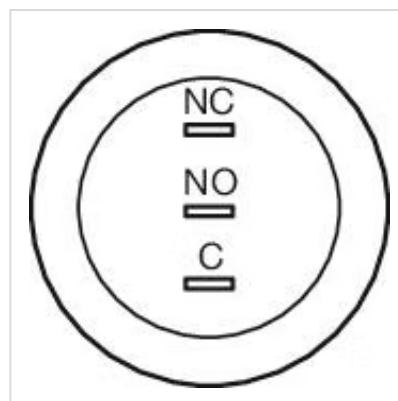
Mounting cut-outs:



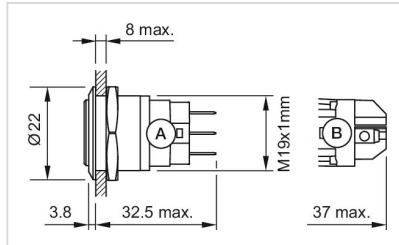
Wiring diagrams:



Component layouts:



Dimension drawings:



A = Solder terminal

B = Screw terminal