

Pushbutton Ø 19 mm silver contact

82-5161.2000



<https://eao.com/p/82-5161.2000>

Your product:



82-5161.2000

Pushbutton Ø 19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage U _e :	250 VAC
Contacts:	1 C
Thermal current I _{th} :	5 A
Pollution degree:	2, according to EN IEC 60947-1
Electrical lifetime:	50 000 cycles of operation

Rated insulation voltage Ui:	250 V		
Electric strength:	1500 VAC, 50 Hz 1 minute between live terminals and ground		
Switching voltage and switching current:	according to IEC 60947-5-1 (Silver contacts)		
	Service category 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 category 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

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

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

CERTIFICATE

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

RoHS: RoHS compliant

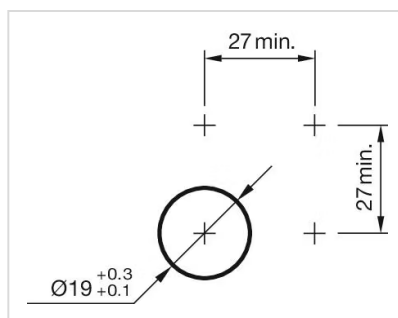
REACH: REACH compliant

Approbations: CB, CCC, C UL, UL

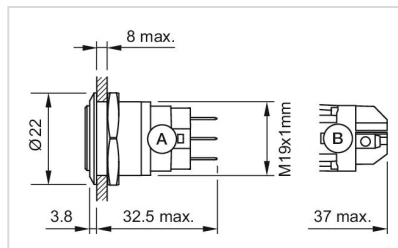
OTHER

Short Description: Pushbutton Ø 19 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Silver

Mounting cut-outs:

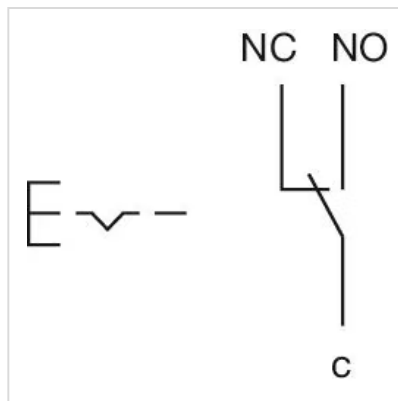


Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:



Component layouts:

