

Pushbutton Ø 19 mm silver contact

82-5151.1000.B002



<https://eao.com/p/82-5151.1000.B002>

Your product:



82-5151.1000.B002
Pushbutton Ø 19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Rated insulation voltage Ui:	250 V
Electric strength:	1500 VAC, 50 Hz 1 minute between live terminals and ground
Thermal current Ith:	5 A
Rated Operational Voltage Ue:	250 VAC

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

Electrical lifetime: 50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Weight:	0.018 kg
Operating force:	4 N ... 7 N
Switching system:	Snap-action switching element
Tightening torque:	0.5 ... 0.6 Nm
Operating Travel:	ca. 3 mm
Switching action:	Momentary
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Contact material:	Silver
Mechanical lifetime:	1 Mio. cycles of operation

AMBIENT CONDITION

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

CERTIFICATE

Approbations: CB, CCC, C UL, UL

RoHS: RoHS compliant

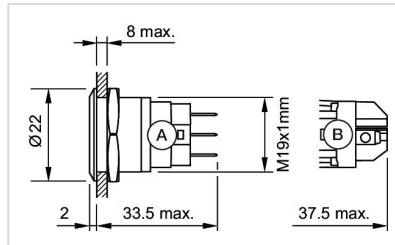
REACH: REACH compliant

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

OTHER

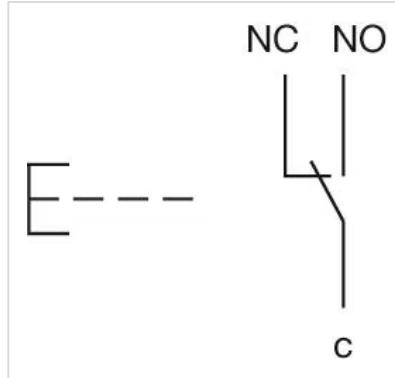
Short Description: Pushbutton Ø 19 mm silver contact, Momentary, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Standby, Silver

Dimension drawings:

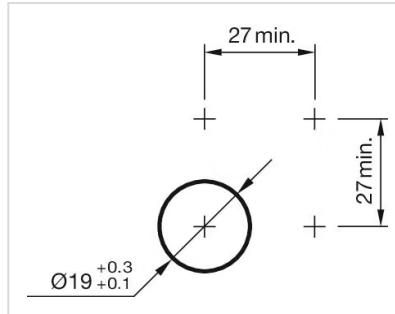


A = Solder terminal
B = Screw terminal

Wiring diagrams:



Mounting cut-outs:



Component layouts:

