

Illuminated pushbutton Ø 19 mm silver contact

82-5151.2133.B001



<https://eao.com/p/82-5151.2133.B001>

Your product:



82-5151.2133.B001

Illuminated pushbutton Ø 19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

Lens shape:	flush
Symbol:	ON/OFF
Shape of illumination:	Ring
Illumination colour:	Green
Lens colour:	Silver
Lens optics:	opaque
Lens illumination:	illuminative
Lens material:	Stainless steel

ELECTRICAL CHARACTERISTICS

Pollution degree:	2, according to EN IEC 60947-1
Thermal current I _{th} :	5 A

Rated insulation voltage Ui:	250 V		
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)		
	cosφ 0,75 ... 0,8		
	Voltage		Current
	120 VAC		5 A
	240 VAC		3 A
	24 VAC		1 A
Electrical lifetime:	50 000 cycles of operation		
Operating voltage:	12 V AC/DC		
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground		
Rated Operational Voltage Ue:	250 VAC		
Contacts:	1 C		
Operation current:	7 mA		

MECHANICAL CHARACTERISTIC

Switching system:	Snap-action switching element
Switching action:	Maintained
Contact material:	Silver
Tightening torque:	0.5 ... 0.6 Nm
Operating force:	4 N ... 7 N
Operating Travel:	ca. 3 mm
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Weight:	0.018 kg
Mechanical lifetime:	500 000 cycles of operation

AMBIENT CONDITION

Storage temperature:	– 40 °C ... + 80 °C
Shock resistance:	

Max. 500 m / s² as per IEC 60068-2-27

Operating temperature: – 30 °C ... + 70 °C

IP front protection: IP65, IP67

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

CERTIFICATE

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

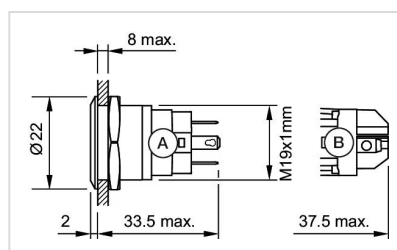
Approbations: CB, CCC, C UL, UL

OTHER

Kind of illumination: Single-LED

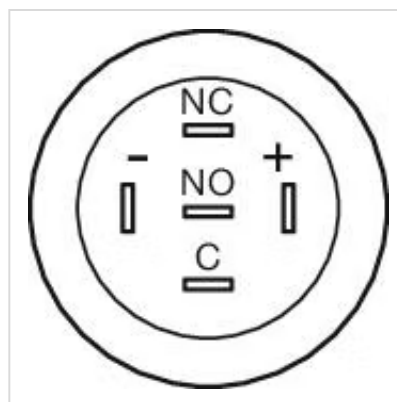
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Green, ON/OFF, Silver

Dimension drawings:

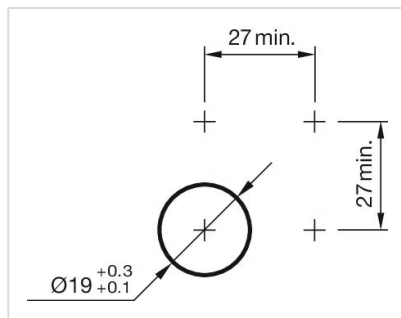


A = Solder terminal
B = Screw terminal

Component layouts:



Mounting cut-outs:



Wiring diagrams:

