

Illuminated pushbutton Ø 19 mm silver contact

82-5551.2133



<https://eao.com/p/82-5551.2133>

Your product:



82-5551.2133
Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Aluminium

MOUNTING

Mounting cut-out:	Ø 19 mm
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OPERATING-/INDICATION PART

Lens shape:	flush
Lens illumination:	illuminative
Illumination colour:	Green
Lens optics:	opaque
Lens material:	Aluminium
Lens colour:	Nature
Shape of illumination:	Ring

ELECTRICAL CHARACTERISTICS

Thermal current Ith:	5 A
Electric strength:	1500 VAC, 50 Hz 1 minute between live terminals and ground
Contacts:	1 C
Electrical lifetime:	50 000 cycles of operation
Rated Operational Voltage Ue:	250 VAC
Pollution degree:	2, according to EN IEC 60947-1

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) $\cos\phi$ 0,75 ... 0,8			
Voltage	Current		
120 VAC	5 A		
240 VAC	3 A		
24 VAC	1 A		
Operating voltage:	12 V AC/DC		

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

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

CERTIFICATE

Approbations: CB, CCC, C UL, UL

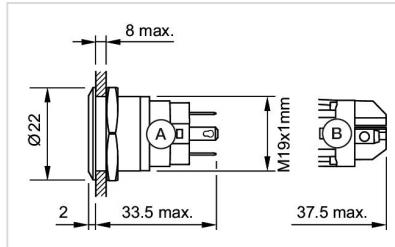
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Kind of illumination: Single-LED

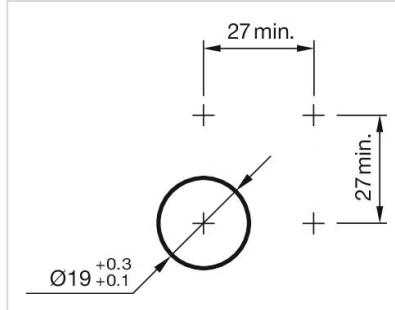
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Green, Nature

Dimension drawings:

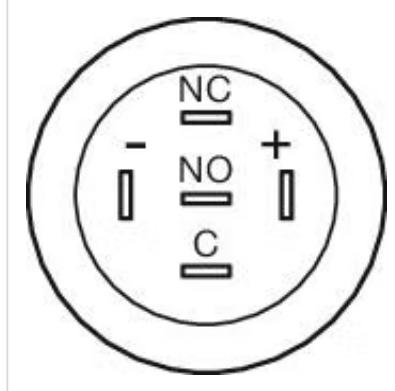


A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Component layouts:



Wiring diagrams:

