

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 I _{th} :	5 A
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Contacts:	1 C
Electrical lifetime:	50 000 cycles of operation
Rated Operational Voltage U _e :	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)		
	cosφ 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

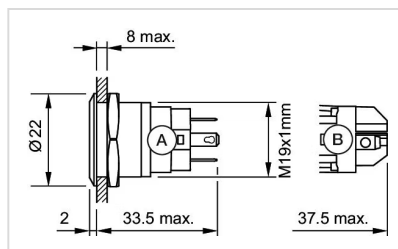
Kind of illumination:

Single-LED

Short Description:

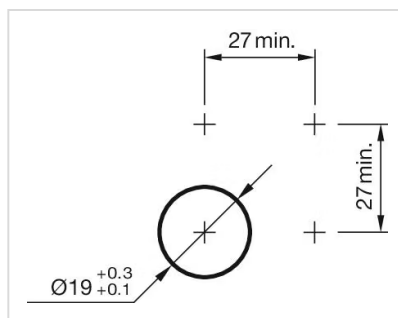
Illuminated pushbutton Ø 19 mm silver contact, Maintained, 12 V AC/DC, 1 C,
Soldering terminal, 2.8 x 0.5 mm, Aluminium, Green, Nature

Dimension drawings:

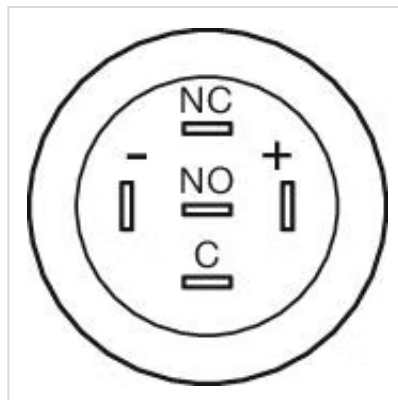


A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Component layouts:



Wiring diagrams:

