

Illuminated pushbutton Ø 19 mm silver contact

82-5552.1123



<https://eao.com/p/82-5552.1123>

Your product:



82-5552.1123
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 material:	Aluminium
Lens illumination:	illuminative
Lens colour:	Nature
Illumination colour:	Blue
Shape of illumination:	Ring
Lens shape:	flush
Lens optics:	opaque

ELECTRICAL CHARACTERISTICS

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

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

Rated insulation voltage U_i:	250 V
Operating voltage:	12 V AC/DC
Pollution degree:	2, according to EN IEC 60947-1
Electric strength:	1500 VAC, 50 Hz 1 minute between live terminals and ground
Rated Operational Voltage U_e:	250 VAC
Electrical lifetime:	50 000 cycles of operation
Thermal current I_{th}:	5 A
Contacts:	1 C

MECHANICAL CHARACTERISTIC

Operating Travel:	ca. 3 mm
Mechanical lifetime:	1 Mio. cycles of operation
Terminal:	Screw terminal
Operating force:	4 N ... 7 N
Contact material:	Silver
Switching action:	Momentary
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Switching system:	Snap-action switching element
Weight:	0.018 kg

AMBIENT CONDITION

Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Storage temperature:	- 40 °C ... + 80 °C
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
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

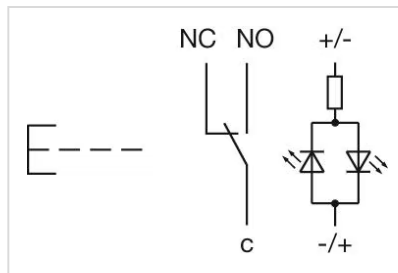
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

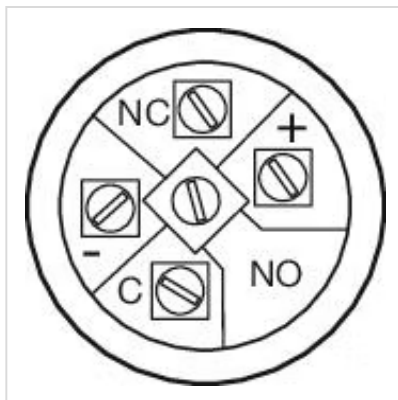
Kind of illumination: Single-LED

Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, Aluminium, Blue, Nature

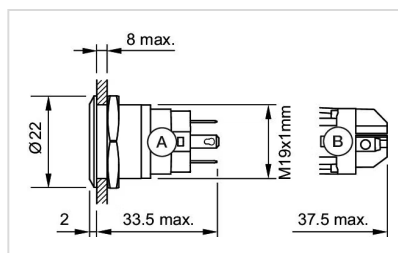
Wiring diagrams:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

