

Illuminated pushbutton Ø 19 mm silver contact

82-5151.1133.B002



<https://eao.com/p/82-5151.1133.B002>

Your product:



82-5151.1133.B002
Illuminated 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:	illuminative
Lens material:	Stainless steel
Lens colour:	Silver
Symbol:	Standby
Lens optics:	opaque
Illumination colour:	Green
Shape of illumination:	Ring
Lens shape:	flush

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 version)
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 version)
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

Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground

Operation current: 7 mA

Operating voltage: 12 V AC/DC

Rated insulation voltage Ui: 250 V

Contacts: 1 C

Thermal current Ith: 5 A

Rated Operational Voltage Ue: 250 VAC

Electrical lifetime: 50 000 cycles of operation

Pollution degree: 2, according to EN IEC 60947-1

MECHANICAL CHARACTERISTIC

Operating Travel: ca. 3 mm

Mechanical lifetime: 1 Mio. cycles of operation

Switching system: Snap-action switching element

Switching action: Momentary

Weight: 0.018 kg

Operating force: 4 N ... 7 N

Tightening torque: 0.5 ... 0.6 Nm

Terminal: Soldering terminal, 2.8 x 0.5 mm

Contact material: Silver

AMBIENT CONDITION

Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
IP front protection:	IP65, IP67
Operating temperature:	- 30 °C ... + 70 °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
Storage temperature:	- 40 °C ... + 80 °C

CERTIFICATE

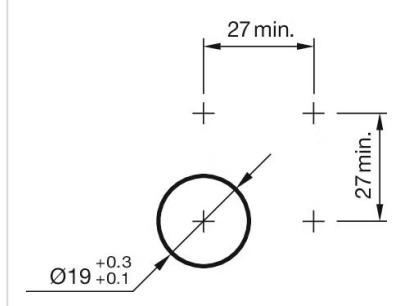
Approbations:	CB, CCC, C UL, UL
REACH:	REACH compliant
RoHS:	RoHS compliant
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

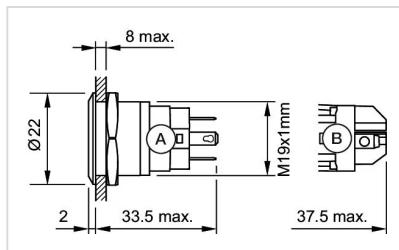
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Green, Standby, Silver

Kind of illumination: Single-LED

Mounting cut-outs:

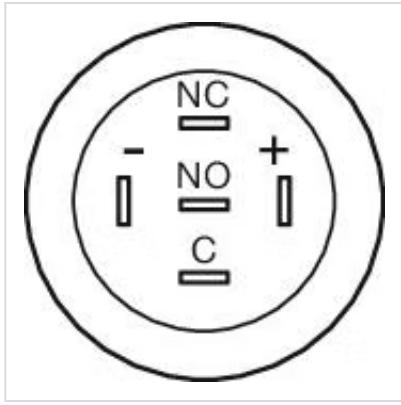


Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:



Wiring diagrams:

