

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1133.B002



<https://eao.com/p/82-5152.1133.B002>

Your product:



82-5152.1133.B002

Illuminated pushbutton Ø 19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

Lens illumination:	illuminative
Lens shape:	flush
Shape of illumination:	Ring
Symbol:	Standby
Lens colour:	Silver
Lens material:	Stainless steel
Illumination colour:	Green
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 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)	
cosφ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Operation current:	7 mA
Rated insulation voltage Ui:	250 V
Electrical lifetime:	50 000 cycles of operation
Thermal current Ith:	5 A
Contacts:	1 C
Operating voltage:	12 V AC/DC
Rated Operational Voltage Ue:	250 VAC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Pollution degree:	2, according to EN IEC 60947-1

MECHANICAL CHARATERISTIC

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

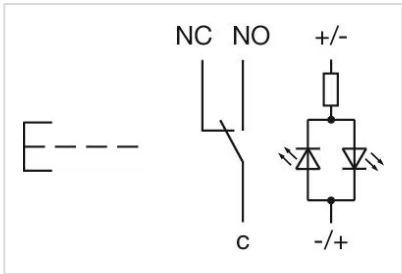
AMBIENT CONDITION

Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Storage temperature:	– 40 °C ... + 80 °C
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

CERTIFICATE

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

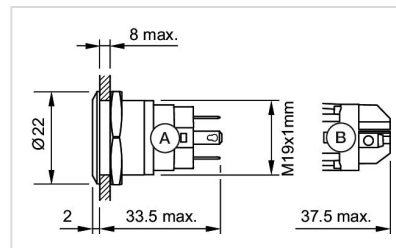
OTHER

Short Description:	Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, round, Stainless steel, Green, Standby, Silver
Kind of illumination:	Single-LED
Wiring diagrams:	

Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

