

Illuminated pushbutton Ø 19 mm silver contact

82-5152.2113.B002



<https://eao.com/p/82-5152.2113.B002>

Your product:



82-5152.2113.B002

Illuminated pushbutton Ø 19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

Lens illumination:	illuminative
Symbol:	Standby
Lens optics:	opaque
Lens colour:	Silver
Lens material:	Stainless steel
Lens shape:	flush
Shape of illumination:	Ring
Illumination colour:	Red

ELECTRICAL CHARACTERISTICS

Switching voltage and switching
current:

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

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

MECHANICAL CHARACTERISTIC

Contact material:	Silver
Operating force:	4 N ... 7 N
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Mechanical lifetime:	500 000 cycles of operation
Operating Travel:	ca. 3 mm
Switching system:	Snap-action switching element
Weight:	0.018 kg
Switching action:	Maintained
Terminal:	Screw terminal

AMBIENT CONDITION

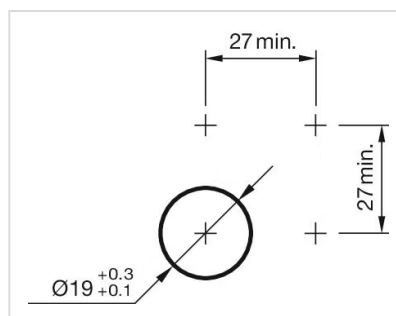
IP front protection:	IP65, IP67
Operating temperature:	– 30 °C ... + 70 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Storage temperature:	– 40 °C ... + 80 °C
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according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

CERTIFICATE

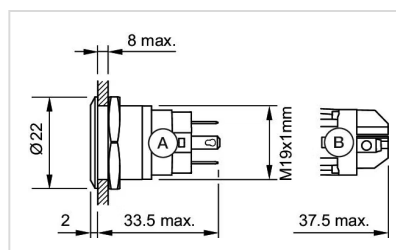
Approbations:	CB, CCC, C UL, UL
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

Short Description:	Illuminated pushbutton Ø 19 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, round, Stainless steel, Red, Standby, Silver
Kind of illumination:	Single-LED
Mounting cut-outs:	



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:



Wiring diagrams:

