

## Illuminated pushbutton Ø 19 mm silver contact

82-5151.1124.B002



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### Illuminated pushbutton Ø 19 mm silver contact

#### FRONT

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

#### MOUNTING

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

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

Thermal current I <sub>th</sub> :	5 A
Operating voltage:	24 V DC

<b>Electrical lifetime:</b>	50 000 cycles of operation		
<b>Rated insulation voltage Ui:</b>	250 V		
<b>Contacts:</b>	1 C		
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground		
<b>Operation current:</b>	7 mA		
<b>Rated Operational Voltage Ue:</b>	250 VAC		
<b>Pollution degree:</b>	2, according to EN IEC 60947-1		
<b>Switching voltage and switching current:</b>	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

## MECHANICAL CHARACTERISTIC

<b>Switching system:</b>	Snap-action switching element
<b>Switching action:</b>	Momentary
<b>Mechanical lifetime:</b>	1 Mio. cycles of operation
<b>Operating Travel:</b>	ca. 3 mm
<b>Weight:</b>	0.018 kg
<b>Operating force:</b>	4 N ... 7 N
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Contact material:</b>	Silver
<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm

## AMBIENT CONDITION

<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>Climate resistance:</b>	

Damp heat, 21 days according to IEC 60512-11

**IP front protection:** IP65, IP67

**Shock resistance:** Max. 500 m / s<sup>2</sup> 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

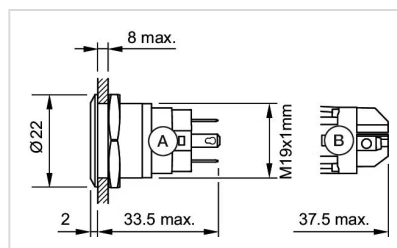
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

**Kind of illumination:** Single-LED

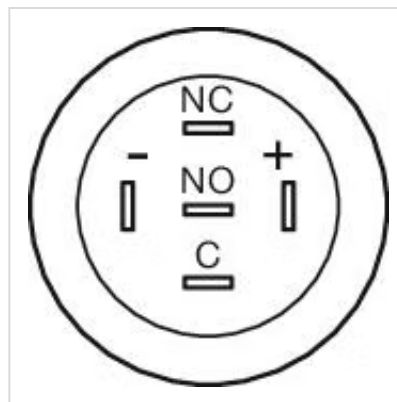
**Short Description:** Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Blue, Standby, Silver

**Dimension drawings:**

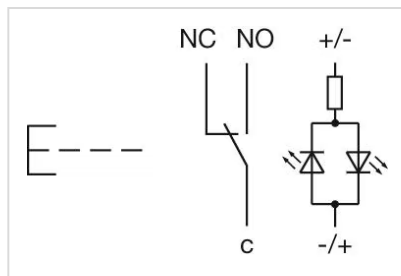


A = Solder terminal  
B = Screw terminal

**Component layouts:**



**Wiring diagrams:**



**Mounting cut-outs:**

