

# Illuminated pushbutton Ø 19 mm silver contact

82-5151.2124.B002



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## 82-5151.2124.B002

### Illuminated pushbutton Ø 19 mm silver contact

#### FRONT

<b>Front dimension:</b>	Ø 22 mm
<b>Front form:</b>	round
<b>Front bezel material:</b>	Stainless steel
<b>Front bezel shape:</b>	flush

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 19 mm
<b>Mounting type:</b>	Panel mounting

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

<b>Contacts:</b>	1 C
<b>Operating voltage:</b>	24 V DC

**Operation current:** 7 mA

**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)	
	cosφ 0,75 ... 0,8	
	Voltage	Current
	120 VAC	5 A
	240 VAC	3 A
	24 VAC	1 A

**Rated Operational Voltage Ue:** 250 VAC

**Rated insulation voltage Ui:** 250 V

**Electrical lifetime:** 50 000 cycles of operation

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

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

**Thermal current Ith:** 5 A

### MECHANICAL CHARACTERISTIC

**Terminal:** Soldering terminal, 2.8 x 0.5 mm

**Contact material:** Silver

**Switching action:** Maintained

**Switching system:** Snap-action switching element

**Mechanical lifetime:** 500 000 cycles of operation

**Operating force:** 4 N ... 7 N

**Operating Travel:** ca. 3 mm

**Tightening torque:** 0.5 ... 0.6 Nm

**Weight:** 0.018 kg

### AMBIENT CONDITION

**IP front protection:** IP65, IP67

**Operating temperature:**

- 30 °C ... + 70 °C

**Storage temperature:**

- 40 °C ... + 80 °C

**Shock resistance:**

Max. 500 m / s<sup>2</sup> as per IEC 60068-2-27

**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

## CERTIFICATE

**Approbations:**

CB, CCC, C UL, UL

**Conformities:**

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

**REACH:**

REACH compliant

**RoHS:**

RoHS compliant

## OTHER

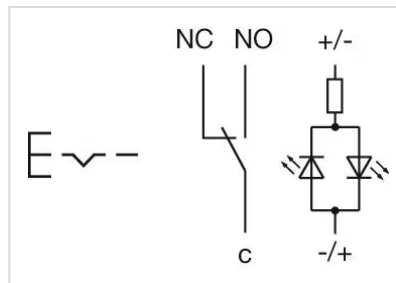
**Short Description:**

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

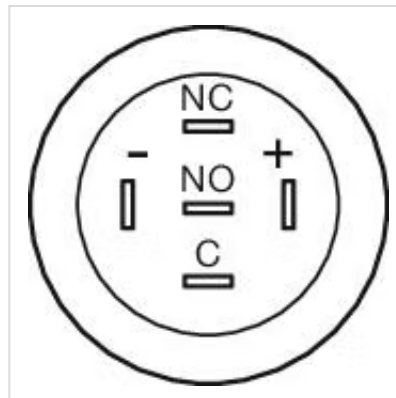
**Kind of illumination:**

Single-LED

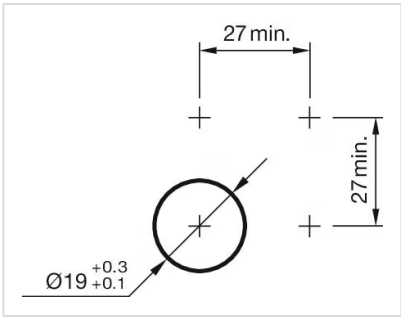
**Wiring diagrams:**



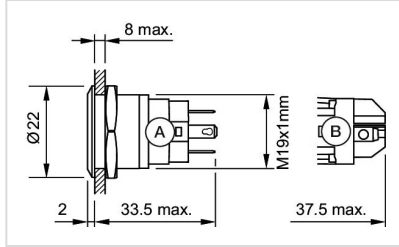
**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal