

## Illuminated pushbutton Ø 19 mm silver contact

82-5151.1123.B002



<https://eao.com/p/82-5151.1123.B002>

Your product:

---



82-5151.1123.B002

Illuminated pushbutton Ø  
19 mm silver contact

#### FRONT

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

#### MOUNTING

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

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Operating voltage:	12 V AC/DC

<b>Operation current:</b>	7 mA	
<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

<b>Rated Operational Voltage Ue:</b>	250 VAC
<b>Rated insulation voltage Ui:</b>	250 V
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Thermal current Ith:</b>	5 A

## MECHANICAL CHARATERISTIC

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

## AMBIENT CONDITION

<b>IP front protection:</b>	IP65, IP67
<b>Operating temperature:</b>	

– 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

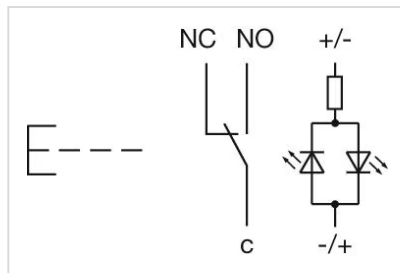
**Short Description:**

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

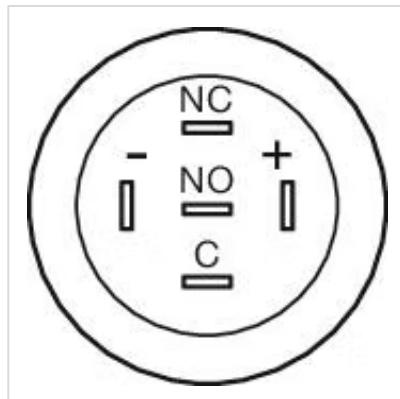
**Kind of illumination:**

Single-LED

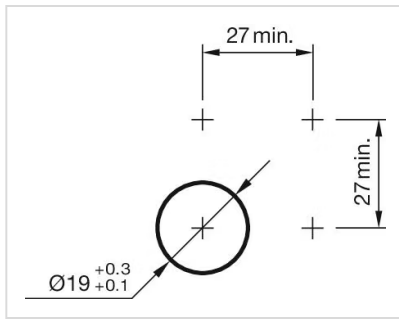
**Wiring diagrams:**



**Component layouts:**



**Mounting cut-outs:**













# **Dimension drawings:**



A = Solder terminal  
B = Screw terminal

Where to Buy

	Distributor	Quantity in Stock	
	RS UK	39 in stock	<a href="#">Buy</a> 
	Mouser Electronics	17 in stock	<a href="#">Buy</a> 
	Rapid Electronics	15 in stock	<a href="#">Buy</a> 
	Digi-Key	5 in stock	<a href="#">Buy</a> 
	Farnell element14 UK	3 in stock	<a href="#">Buy</a> 

Show more 

Powered by oemsecrets.com

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[EAO:](#)

[82-5151.1123.B002](#)