

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1123.B001



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Your product:



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Illuminated pushbutton Ø 19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Pollution degree:	2, according to EN IEC 60947-1
Operating voltage:	12 V AC/DC

Electrical lifetime:	50 000 cycles of operation		
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground		
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)		
	$\cos\phi$ 0,75 ... 0,8		
	Voltage	Current	
	120 VAC	5 A	
	240 VAC	3 A	
	24 VAC	1 A	
Rated insulation voltage Ui:	250 V		
Rated Operational Voltage Ue:	250 VAC		
Thermal current Ith:	5 A		
Contacts:	1 C		
Operation current:	7 mA		

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

Operating temperature:	– 30 °C ... + 70 °C
Vibration resistance:	

10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

Storage temperature: – 40 °C ... + 80 °C

Climate resistance: Damp heat, 21 days according to IEC 60512-11

IP front protection: IP65, IP67

CERTIFICATE

REACH: REACH compliant

RoHS: RoHS compliant

Approbations: CB, CCC, C UL, UL

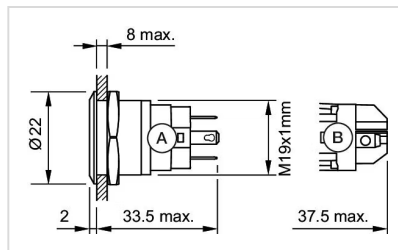
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, round, Stainless steel, Blue, ON/OFF, Silver

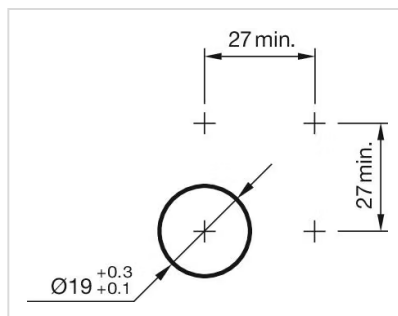
Kind of illumination: Single-LED

Dimension drawings:

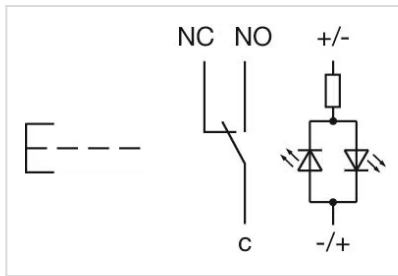


A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Wiring diagrams:



Component layouts:

