

Illuminated pushbutton Ø 19 mm silver contact

82-5151.2123.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 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:	ON/OFF
Illumination colour:	Blue
Shape of illumination:	Ring

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Operating voltage:	12 V AC/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)	
$\cos\phi$ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Rated Operational Voltage U_e:	250 VAC
Rated insulation voltage U_i:	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 I_{th}:	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 / s² 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

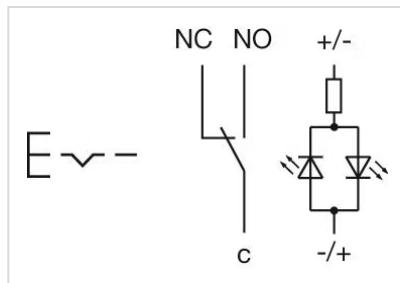
Short Description:

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

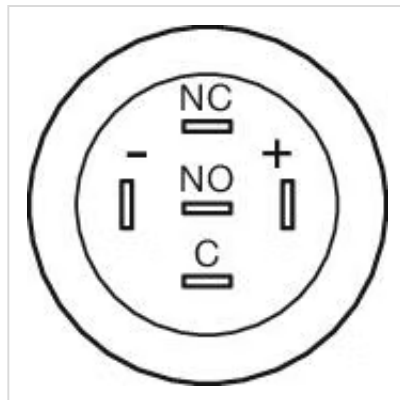
Kind of illumination:

Single-LED

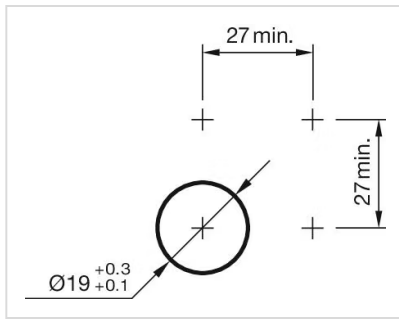
Wiring diagrams:



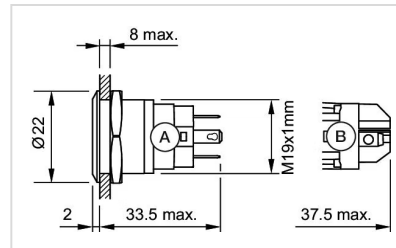
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Where to Buy

Distributor		Quantity in Stock		
	element14 Singapore	23 in stock	Buy	
	Farnell UK	23 in stock	Buy	
	RS UK	19 in stock	Buy	
	Mouser Electronics	10 in stock	Buy	
	Rapid Electronics	5 in stock	Buy	

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