

Illuminated pushbutton Ø 19 mm silver contact

82-5151.2124.B001



<https://eao.com/p/82-5151.2124.B001>

Your product:



82-5151.2124.B001

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:	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 24 VAC 35 VAC 110 VAC 220 VAC Switch rating DC service categorie DC-13 (Silver contacts) Voltage 24 VDC 35 VDC 110 VDC 220 VDC	Current 1 A 1 A (M12 versio 1 A 0.5 A Current 0.7 A 0.5 A (M12 vers 0.2 A 0.1 A	
	according to UL 508 (Silver contacts) $\cos\phi$ 0,75 ... 0,8 Voltage 120 VAC 240 VAC 24 VAC	Current 5 A 3 A 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

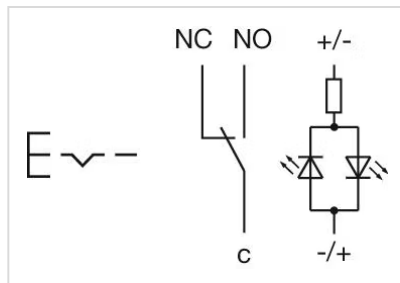
Short Description:

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

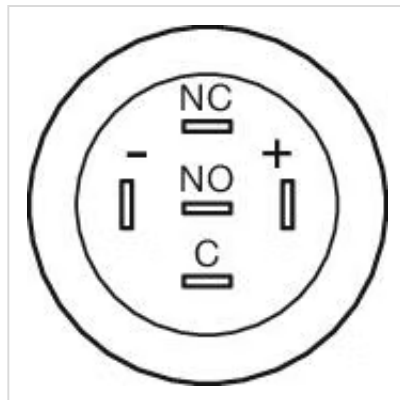
Kind of illumination:

Single-LED

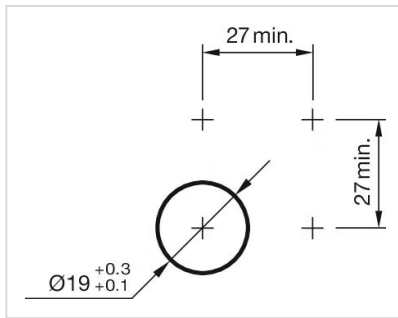
Wiring diagrams:



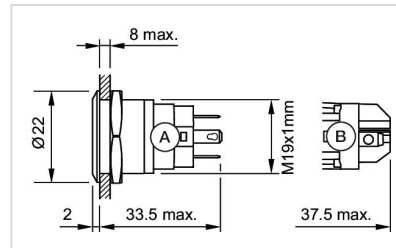
Component layouts:



Mounting cut-outs:













Dimension drawings:



A = Solder terminal
B = Screw terminal

Where to Buy

Distributor		Quantity in Stock		
	RS UK	5 in stock	Buy	
	Rapid Electronics	5 in stock	Buy	
	DigiKey	3 in stock	Buy	
	Newark	2 in stock	Buy	
	element14 Singapore	1 in stock	Buy	

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