

Illuminated pushbutton Ø 16 mm silver contact

82-4551.2123



<https://eao.com/p/82-4551.2123>

Your product:



82-4551.2123

Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front dimension: Ø 18 mm

Front form: round

Front bezel material: Aluminium

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 16 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens colour: Nature

Lens material: Aluminium

Lens illumination: illuminative

Lens shape: flush

Lens optics: opaque

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 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 / 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

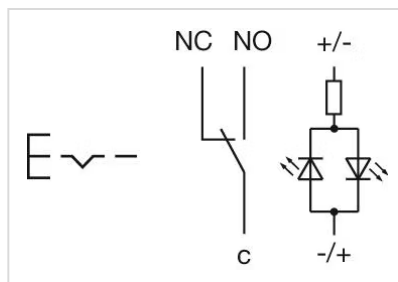
Short Description:

Illuminated pushbutton Ø 16 mm silver contact, Maintained, 12 V AC/DC, 1 C,
Soldering terminal, 2.8 x 0.5 mm, round, Aluminium, Blue, Nature

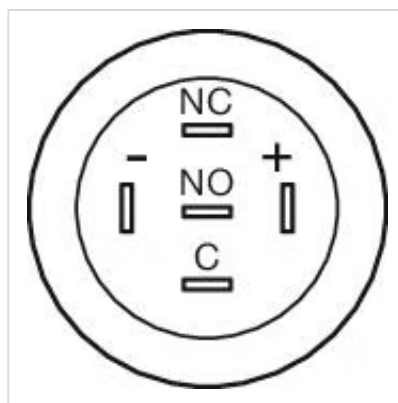
Kind of illumination:

Single-LED

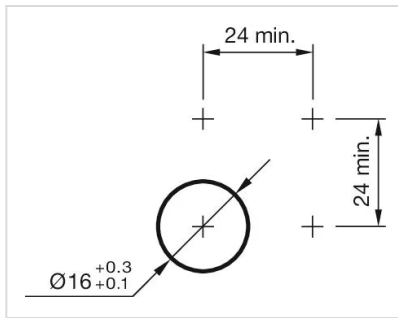
Wiring diagrams:



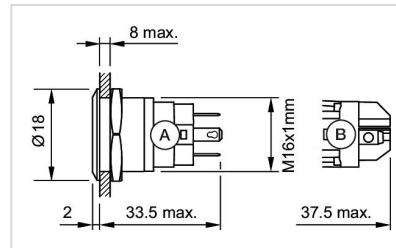
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Where to Buy

Distributor		Quantity in Stock		
	RS UK	25 in stock	Buy	
	DigiKey	10 in stock	Buy	
	element14 Singapore	10 in stock	Buy	
	Farnell UK	10 in stock	Buy	
	Mouser Electronics	1 in stock	Buy	

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