

Illuminated pushbutton Ø 16 mm silver contact

82-4151.2113



<https://eao.com/p/82-4151.2113>

Your product:



82-4151.2113

Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front dimension:	Ø 18 mm
Front form:	round
Front bezel material:	Stainless steel
Front bezel shape:	flush

MOUNTING

Mounting cut-out:	Ø 16 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Stainless steel
Lens illumination:	illuminative
Lens shape:	flush
Lens optics:	opaque
Illumination colour:	Red
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

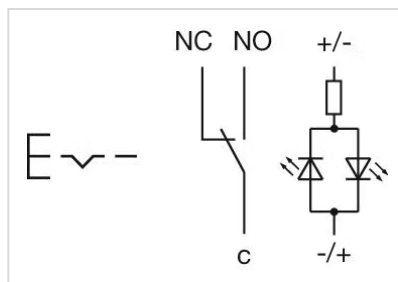
Short Description:

Illuminated pushbutton Ø 16 mm silver contact, Maintained, 12 V AC/DC, 1 C,
Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Red, Silver

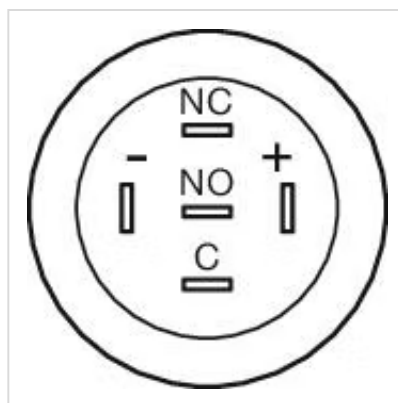
Kind of illumination:

Single-LED

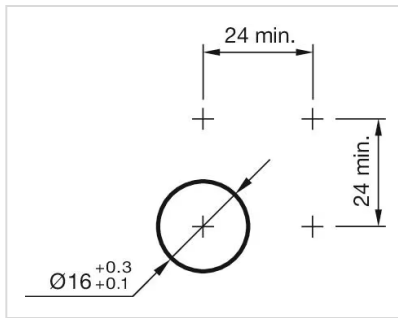
Wiring diagrams:



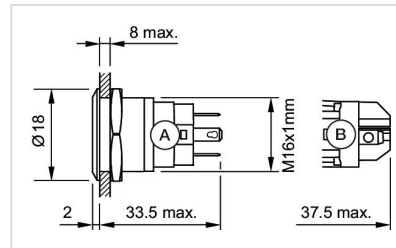
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Where to Buy

Distributor		Quantity in Stock	
	Transfer Multisort Elektronik	20 in stock	Buy 
	RS UK	20 in stock	Buy 
	DigiKey	6 in stock	Buy 
	Mouser Electronics	2 in stock	Buy 
	Newark Electronics	2 in stock	Buy 

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