Your Expert Partner for **Human Machine Interfaces**

Illuminated pushbutton Ø 16 mm silver contact

82-4151.2134

https://eao.com/p/82-4151.2134

Your product:

82-4151.2134
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:	Green
Shape of illumination:	Ring

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Operating voltage:	24 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)
cosφ 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 CHARATERISTIC

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 / s^2 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

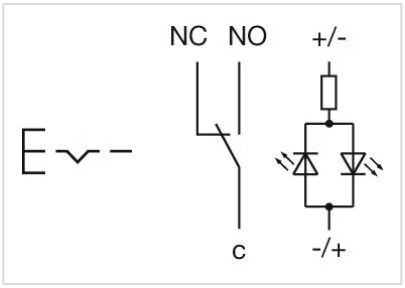
RoHS: RoHS compliant

OTHER

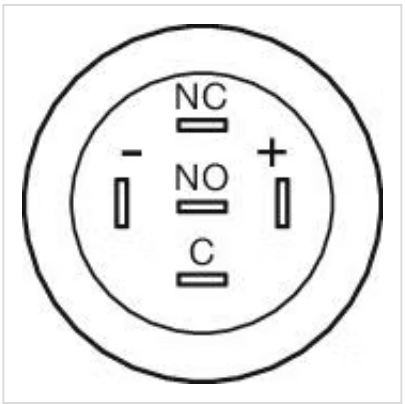
Short Description: Illuminated pushbutton Ø 16 mm silver contact, Maintained, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Green, Silver

Kind of illlumination: Single-LED

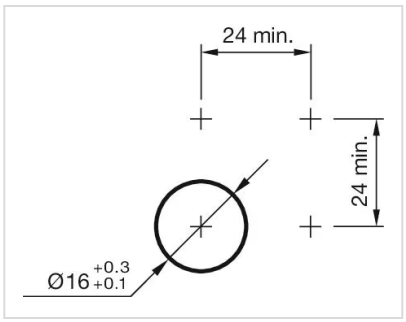
Wiring diagrams:



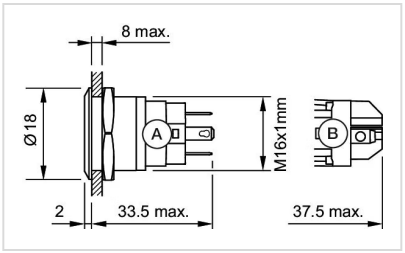
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Where to Buy

	Distributor	Quantity in Stock	
DigiKey	DigiKey	181 in stock	Buy
RS	RS Americas	161 in stock	Buy
DISTRELEC	Distrelec	68 in stock	Buy
MOUSER ELECTRONICS	Mouser Electronics	57 in stock	Buy
element14 AN AVNET COMPANY	element14 Singapore	22 in stock	Buy

Show more +

Powered by oemsecrets.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

EAO:

82-4151.2134