

Pushbutton Ø 16 mm silver contact

82-4151.1000.B002







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FRONT

Front bezel material: Stainless steel

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens optics: opaque

Lens illumination: non illuminative

Lens material: Stainless steel

Lens shape: flush

Lens colour: Silver

ELECTRICAL CHARACTERISTICS

Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground

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)

 $\cos \phi \ 0.75 \dots 0.8$

 Voltage
 Current

 120 VAC
 5 A

 240 VAC
 3 A

 24 VAC
 1 A

Contacts: 1 C

Rated Operational Voltage Ue: 250 VAC

Pollution degree: 2, according to EN IEC 60947-1

Thermal current Ith: 5 A

Electrical lifetime: 50 000 cycles of operation

Rated insulation voltage Ui: 250 V

MECHANICAL CHARATERISTIC

Operating force: $4 \text{ N} \dots 7 \text{ N}$

Weight: 0.018 kg

Terminal: Soldering terminal, 2.8 x 0.5 mm

Mechanical lifetime: 1 Mio. cycles of operation

Contact material: Silver

Switching system: Snap-action switching element

Tightening torque: 0.5 ... 0.6 Nm

Operating Travel: ca. 3 mm

Switching action: Momentary

AMBIENT CONDITION

Shock resistance: Max. $500 \text{ m} / \text{s}^2$ as per IEC 60068-2-27

Storage temperature: $-40 \, ^{\circ}\text{C} \dots + 80 \, ^{\circ}\text{C}$

Climate resistance: Damp heat, 21 days according to IEC 60512-11

Vibration resistance: 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Operating temperature: $-30 \, ^{\circ}\text{C} \, ... + 70 \, ^{\circ}\text{C}$

CERTIFICATE

Approbations: CB, CCC, C UL, UL

Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Short Description:

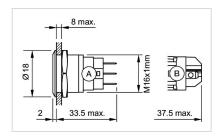
Pushbutton Ø 16 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8×0.5

mm, Stainless steel, Standby, Silver

Symbol:

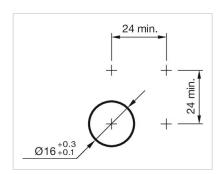
Standby

Dimension drawings:

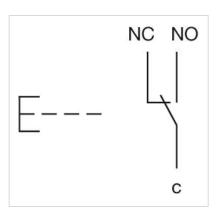


A = Solder terminal B = Screw terminal

Mounting cut-outs:



Wiring diagrams:



Component layouts:

