

Pushbutton Ø 16 mm silver contact

82-4151.1000.B002



<https://eao.com/p/82-4151.1000.B002>

Your product:



82-4151.1000.B002
Pushbutton Ø 16 mm silver contact

FRONT

Front bezel material:	Stainless steel
Front bezel shape:	flush

MOUNTING

Mounting cut-out:	Ø 16 mm
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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
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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 ϕ 0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

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 CHARACTERISTIC

Operating force:	4 N ... 7 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 m / s ² as per IEC 60068-2-27
Storage temperature:	- 40 °C ... + 80 °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 °C ... + 70 °C

CERTIFICATE

Approbations:	CB, CCC, C UL, UL
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

Component layouts:

