

Your Expert Partner for Human Machine Interfaces

Illuminated pushbutton \emptyset 19 mm silver contact

Distribution by Mouser



82-5151.2113.B002





https://mouser.eao.com/p/82-5151.2113.B002

Your product:



82-5151.2113.B002 Illuminated pushbutton \emptyset 19 mm silver contact

FRONT

Front dimension:	Ø 22 mm
Front form:	Round
Front bezel material:	Stainless steel
Front bezel shape:	Flush

MOUNTING

Mounting cut-out:	Ø 19 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Stainless steel
Lens illumination:	Illuminated
Lens shape:	Flush
Lens optics:	opaque
Symbol:	Standby
Illumination colour:	Red
Shape of illumination:	Ring

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:

according to IEC 60947-5-1 (Silver contacts) Service categorie AC-15 Voltage 24 VAC 35 VAC 110 VAC 220 VAC Switch rating DC service categorie DC-13 (Silver contacts) Voltage 24 VDC 35 VDC 110 VDC 220 VDC

according to UL 508 (Silver contacts) cosφ 0,75 0,8 Voltage 120 VAC 240 VAC 24 VAC 24 VAC	Current 5 A 3 A 1 A
Contacts:	1 C
Operating voltage:	12 V AC/DC
Operation current:	7 mA
Rated Operational Voltage Ue:	250 VAC
Rated insulation voltage Ui:	250 V
Switching rating:	240 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

Current

1 A

0.5 A

Current

0.7 A

0.2 A

0.1 A

1 A 1 A (M12 version)

0.5 A (M12 version)

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 / 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

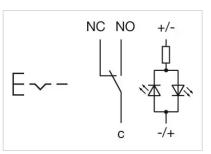
Short Description:

Kind of illlumination:

Wiring diagrams:

Illuminated pushbutton Ø 19 mm silver contact, Maintained, 240 V , 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Round, Stainless steel, Red, Standby, Silver

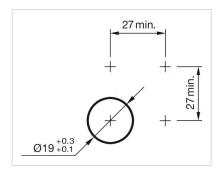
Single-LED



Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal B = Screw terminal