Illuminated pushbutton Ø 19 mm silver contact

82-5151.2114.B002

Your product:

82-5151.2114.B002
Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front form: round

Front bezel shape: flush

Front dimension: Ø 22 mm

Front bezel material: Stainless steel

MOUNTING

Mounting type: Panel mounting

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens shape: flush

Symbol: Standby

Lens optics: opaque

Lens colour: Silver

Lens illumination: illuminative

Illumination colour: Red

Lens material: Stainless steel

Shape of illumination: Ring

ELECTRICAL CHARACTERISTICS

Operating voltage: 24 V DC

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

Contacts:	1 C
Pollution degree:	2, according to EN IEC 60947-1
Electrical lifetime:	50 000 cycles of operation
Thermal current Ith:	5 A
Rated insulation voltage Ui:	250 V
Operation current:	7 mA
Rated Operational Voltage Ue:	250 VAC

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

MECHANICAL CHARATERISTIC

Mechanical lifetime:	500 000 cycles of operation
Tightening torque:	0.5 … 0.6 Nm
Operating force:	4 N … 7 N
Switching system:	Snap-action switching element
Switching action:	Maintained
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Operating Travel:	ca. 3 mm
Contact material:	Silver
Weight:	0.018 kg

AMBIENT CONDITION

Storage temperature:	– 40 °C … + 80 °C
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
IP front protection:	IP65, IP67
Shock resistance:	Max. 500 m / s² as per IEC 60068-2-27
Operating temperature:	– 30 °C … + 70 °C

CERTIFICATE

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

OTHER

Kind of illlumination:　　　　　Single-LED

Short Description:　　　　　Illuminated pushbutton Ø 19 mm silver contact, Maintained, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Red, Standby, Silver

Mounting cut-outs:
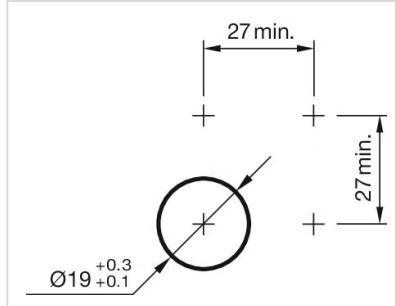
Component layouts:
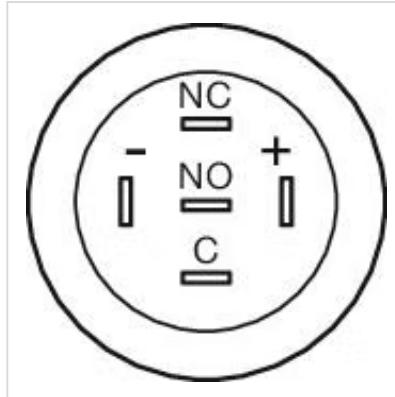
Wiring diagrams:
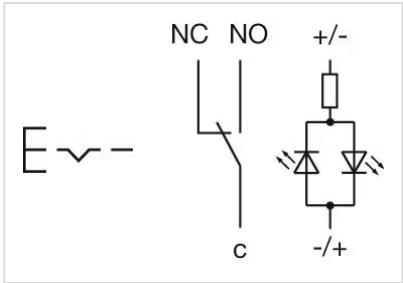
Dimension drawings:
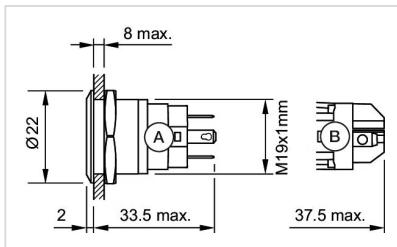
A = Solder terminal
B = Screw terminal