Illuminated pushbutton Ø 19 mm silver contact

82-5151.2134

Your product:

82-5151.2134
Illuminated pushbutton Ø 19 mm silver contact

FRONT

Front dimension: Ø 22 mm

Front bezel material: Stainless steel

Front form: round

Front bezel shape: flush

MOUNTING

Mounting type: Panel mounting

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Illumination colour: Green

Lens optics: opaque

Lens material: Stainless steel

Lens illumination: illuminative

Shape of illumination: Ring

Lens shape: flush

Lens colour: Silver

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage Ue: 250 VAC

Electrical lifetime: 50 000 cycles of operation

Rated insulation voltage Ui: 250 V

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

Contacts:	1 C
Thermal current Ith:	5 A
Pollution degree:	2, according to EN IEC 60947-1
Operation current:	7 mA
Operating voltage:	24 V DC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

Storage temperature:	– 40 °C ... + 80 °C
IP front protection:	IP65, IP67
Operating temperature:	

– 30 °C … + 70 °C

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

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

CERTIFICATE

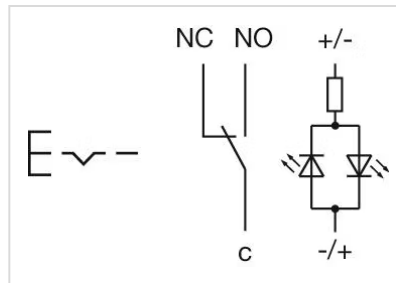**Approbations:**   CB, CCC, C UL, UL

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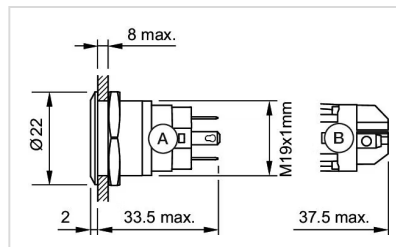
OTHER

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, Green, Silver
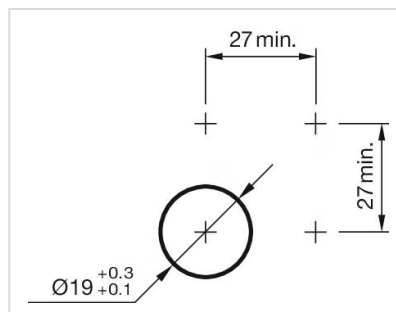
Wiring diagrams:

Dimension drawings:

A = Solder terminal
B = Screw terminal

Mounting cut-outs:

Component layouts: