Illuminated pushbutton Ø 19 mm silver contact

82-5552.1134

Your product:

82-5552.1134
Illuminated pushbutton Ø 19 mm silver contact

FRONT

Front bezel shape: flush

Front form: round

Front dimension: Ø 22 mm

Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 19 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination: illuminative

Lens material: Aluminium

Illumination colour: Green

Shape of illumination: Ring

Lens colour: Nature

Lens optics: opaque

Lens shape: flush

ELECTRICAL CHARACTERISTICS

Rated insulation voltage Ui: 250 V

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 version)
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 version)
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

Electrical lifetime: 50 000 cycles of operation

Thermal current Ith: 5 A

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

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

Operating voltage: 24 V DC

Operation current: 7 mA

Contacts: 1 C

MECHANICAL CHARATERISTIC

Operating Travel: ca. 3 mm

Operating force: 4 N ... 7 N

Mechanical lifetime: 1 Mio. cycles of operation

Switching action: Momentary

Weight: 0.018 kg

Switching system: Snap-action switching element

Contact material: Silver

Terminal: Screw terminal

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

AMBIENT CONDITION

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

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

Storage temperature:	– 40 °C … + 80 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Operating temperature:	– 30 °C … + 70 °C
IP front protection:	IP65, IP67

CERTIFICATE

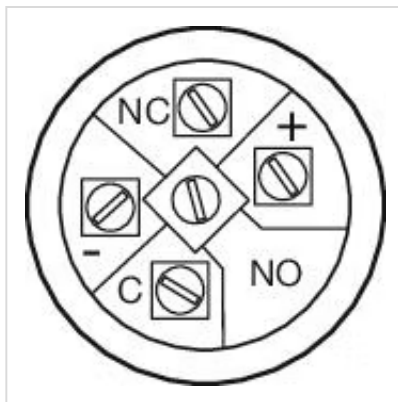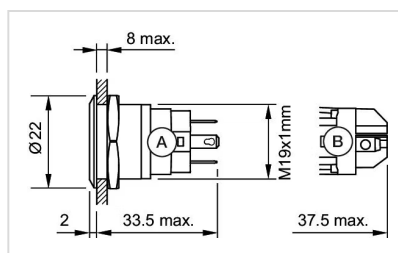|	
Approbations:	CB, CCC, C UL, UL
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

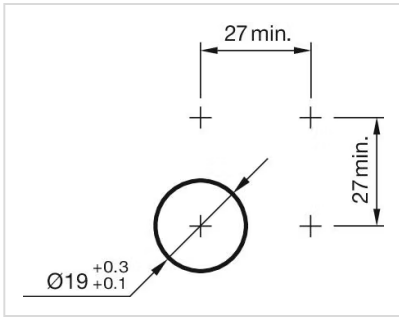|	
Kind of illlumination:	Single-LED
Short Description:	Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Screw terminal, round, Aluminium, Green, Nature

Component layouts:

Dimension drawings:

A = Solder terminal
B = Screw terminal

Mounting cut-outs:

Ø19 +0.3 / +0.1
27 min.
27 min.

Wiring diagrams:

NC   NO   +/-

c   -/+