Pushbutton Ø 19 mm silver contact

82-5172.2000

Your product:

82-5172.2000
Pushbutton Ø 19 mm silver contact

FRONT

Front form: round

Front dimension: Ø 22 mm

Front bezel shape: flush

Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 19 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens colour: Silver

Lens optics: opaque

Lens material: Stainless steel

Lens shape: convex

Lens illumination: non illuminative

ELECTRICAL CHARACTERISTICS

Rated insulation voltage Ui: 250 V

Thermal current Ith: 5 A

Contacts: 1 C

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

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

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)
$\cos\varphi$ 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

MECHANICAL CHARATERISTIC

Contact material: Silver

Switching action: Maintained

Operating force: 4 N … 7 N

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

Terminal: Screw terminal

Weight: 0.019 kg

Mechanical lifetime: 500 000 cycles of operation

Switching system: Snap-action switching element

Operating Travel: ca. 3 mm

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

IP front protection: IP65, IP67

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

Operating temperature: – 30 °C … + 70 °C

Shock resistance: Max. 500 m / s^2 as per IEC 60068-2-27

CERTIFICATE

RoHS: RoHS compliant
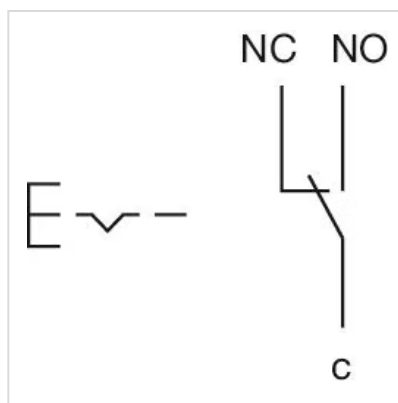
REACH: REACH compliant

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

Approbations: CB, CCC, C UL, UL
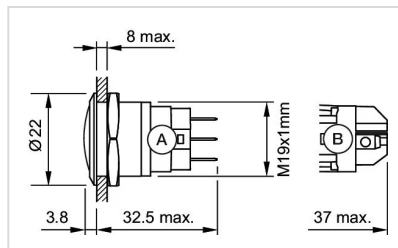

OTHER

Short Description: Pushbutton Ø 19 mm silver contact, Maintained, 1 C, Screw terminal, round,
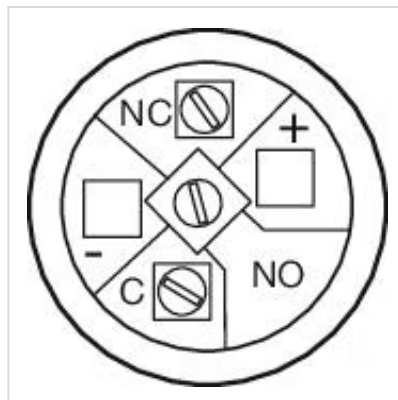   Stainless steel, Silver

Wiring diagrams:

Dimension drawings:

A = Solder terminal
B = Screw terminal

Component layouts:

Mounting cut-outs:

27 min.

27 min.

Ø19 $^{+0.3}_{+0.1}$