

Pushbutton Ø 22 mm silver contact

82-6561.2000







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FRONT

Front bezel shape: flush

Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Lens material: Aluminium

Lens optics: opaque

Lens colour: Nature

Lens shape: raised

Lens illumination: non illuminative

ELECTRICAL CHARACTERISTICS

Electrical lifetime: 50 000 cycles of operation

Rated insulation voltage Ui: 250 V

Thermal current Ith: 5 A

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

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

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)

 $\cos \phi \ 0.75 \dots 0.8$

 Voltage
 Current

 120 VAC
 5 A

 240 VAC
 3 A

 24 VAC
 1 A

Contacts: 1 C

Rated Operational Voltage Ue: 250 VAC

MECHANICAL CHARATERISTIC

Switching system: Snap-action switching element

Terminal: Soldering terminal, 2.8 x 0.5 mm

Operating Travel: ca. 3 mm

Tightening torque: 0.5 ... 0.6 Nm

Weight: 0.02 kg

Contact material: Silver

Operating force: 4 N ... 7 N

Mechanical lifetime: 500 000 cycles of operation

Switching action: Maintained

AMBIENT CONDITION

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

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

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

Operating temperature: $-30 \, ^{\circ}\text{C} \, ... \, + \, 70 \, ^{\circ}\text{C}$

Storage temperature: $-40 \,^{\circ}\text{C} \dots + 80 \,^{\circ}\text{C}$

CERTIFICATE

Approbations: CB, CCC, C UL, UL

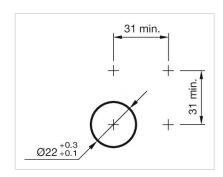
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

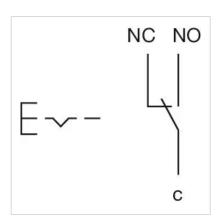
Short Description: Pushbutton Ø 22 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5

mm, Aluminium, Nature

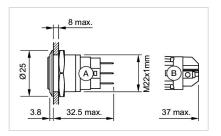
Mounting cut-outs:



Wiring diagrams:



Dimension drawings:



A = Solder terminal B = Screw terminal

Component layouts:

