Pushbutton Ø 22 mm silver contact

82-6162.1000.B002

Your product:

82-6162.1000.B002
Pushbutton Ø 22 mm silver contact

FRONT

Front dimension: Ø 25 mm

Front bezel shape: flush

Front bezel material: Stainless steel

Front form: round

MOUNTING

Mounting cut-out: Ø 22 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens material: Stainless steel

Lens shape: flush

Lens colour: Silver

Lens optics: opaque

Symbol: Standby

Lens illumination: non illuminative

ELECTRICAL CHARACTERISTICS

Thermal current Ith: 5 A

Rated Operational Voltage Ue: 250 VAC

Electrical lifetime: 50 000 cycles of operation

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

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

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
Rated insulation voltage Ui:	250 V

MECHANICAL CHARATERISTIC

Switching system:	Snap-action switching element
Contact material:	Silver
Operating force:	4 N … 7 N
Weight:	0.02 kg
Tightening torque:	0.5 … 0.6 Nm, Screw terminal 0.1 Nm
Terminal:	Screw terminal
Switching action:	Momentary
Mechanical lifetime:	1 Mio. cycles of operation
Operating Travel:	ca. 3 mm

AMBIENT CONDITION

Storage temperature:	– 40 °C … + 80 °C
Operating temperature:	– 30 °C … + 70 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
IP front protection:	IP65, IP67
Vibration resistance:	10 … 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Shock resistance:	

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

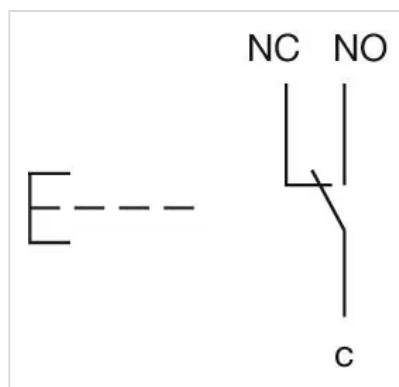## CERTIFICATE

REACH: REACH compliant

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

RoHS: RoHS compliant

Approbations: CB, CCC, C UL, UL
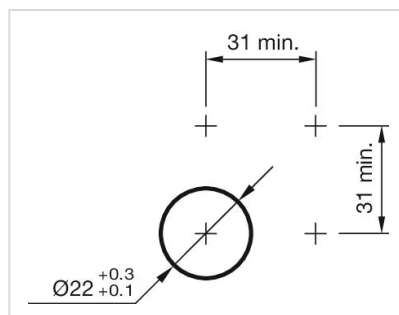
OTHER

Short Description: Pushbutton Ø 22 mm silver contact, Momentary, 1 C, Screw terminal, round,
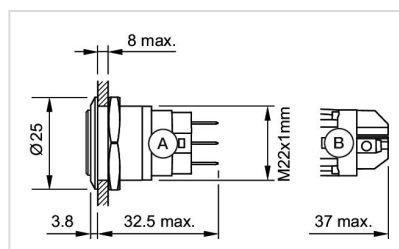   Stainless steel, Standby, Silver

Wiring diagrams:

Mounting cut-outs:

Dimension drawings:

A = Solder terminal
B = Screw terminal

Component layouts: