

Pushbutton Ø 22 mm silver contact

82-6551.2000



<https://eao.com/p/82-6551.2000>

Your product:



82-6551.2000
Pushbutton Ø 22 mm silver contact

FRONT

Front bezel material:	Aluminium
Front dimension:	Ø 25 mm
Front bezel shape:	flush
Front form:	round

MOUNTING

Mounting cut-out:	Ø 22 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens material:	Aluminium
Lens illumination:	non illuminative
Lens shape:	flush
Lens colour:	Nature
Lens optics:	opaque

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
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 ... 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 I_{th} : 5 A

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

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

Rated insulation voltage U_i : 250 V

Rated Operational Voltage U_e : 250 VAC

MECHANICAL CHARACTERISTIC

Tightening torque: 0.5 ... 0.6 Nm

Mechanical lifetime: 500 000 cycles of operation

Switching action: Maintained

Switching system: Snap-action switching element

Contact material: Silver

Terminal: Soldering terminal, 2.8 x 0.5 mm

Operating Travel: ca. 3 mm

Weight: 0.018 kg

Operating force: 4 N ... 7 N

AMBIENT CONDITION

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

Storage temperature: - 40 °C ... + 80 °C

Vibration resistance:

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

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

IP front protection: IP65, IP67

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

CERTIFICATE

RoHS: RoHS compliant

Approbations: CB, CCC, C UL, UL

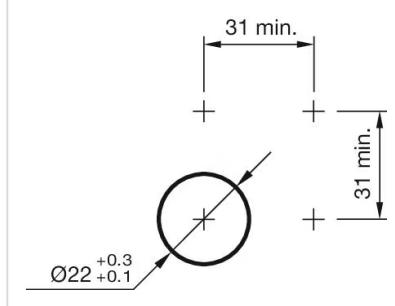
REACH: REACH compliant

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

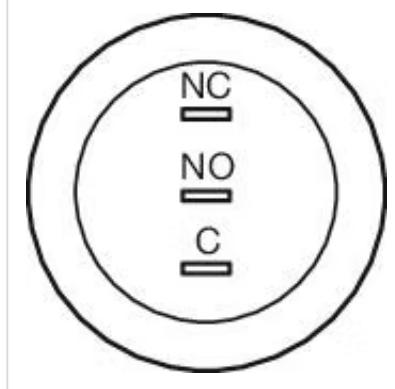
OTHER

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

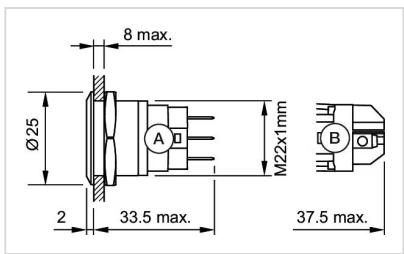
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:

