

Pushbutton Ø 22 mm silver contact

82-6561.2000



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Your product:



82-6561.2000

Pushbutton Ø 22 mm silver contact

FRONT

Front dimension: Ø 25 mm

Front form: round

Front bezel material: Aluminium

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 22 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens colour: Nature

Lens material: Aluminium

Lens illumination: non illuminative

Lens shape: raised

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)		
cosφ 0,75 ... 0,8		
Voltage		Current
120 VAC		5 A
240 VAC		3 A
24 VAC		1 A

Rated Operational Voltage Ue:	250 VAC
Rated insulation voltage Ui:	250 V
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
Thermal current Ith:	5 A

MECHANICAL CHARATERISTIC

Terminal:	Soldering terminal, 2.8 x 0.5 mm
Contact material:	Silver
Switching action:	Maintained
Switching system:	Snap-action switching element
Mechanical lifetime:	500 000 cycles of operation
Operating force:	4 N ... 7 N
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm
Weight:	0.02 kg

AMBIENT CONDITION

IP front protection:	IP65, IP67
Operating temperature:	– 30 °C ... + 70 °C
Storage temperature:	

– 40 °C ... + 80 °C

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

Vibration resistance:

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

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

REACH:

REACH compliant

RoHS:

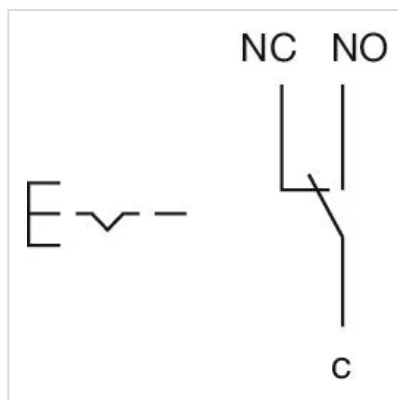
RoHS compliant

OTHER

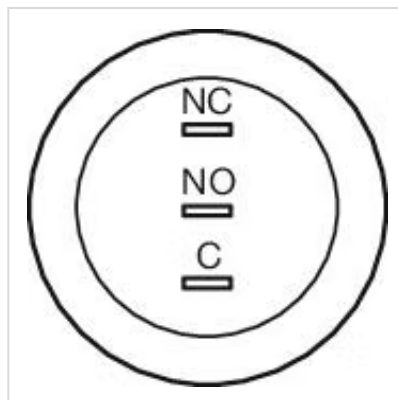
Short Description:

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

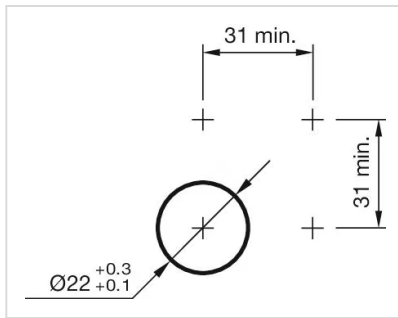
Wiring diagrams:



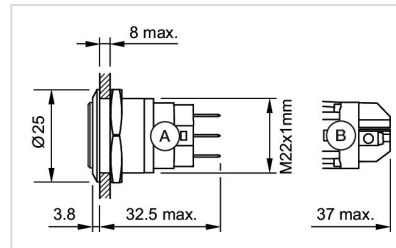
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Where to Buy

Distributor		Quantity in Stock		
	element14 Singapore	10 in stock	Buy	
	Farnell UK	10 in stock	Buy	
	DigiKey	9 in stock	Buy	
	RS UK	5 in stock	Buy	
	Newark	1 in stock	Buy	

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