

## Illuminated pushbutton Ø 22 mm stainless steel 316L

82-6651.2000



<https://www.eao.com/p/82-6651.2000>

Your product:

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82-6651.2000

Illuminated pushbutton Ø 22 mm  
stainless steel 316L

#### FRONT

Front dimension:	Ø 25 mm
Front form:	Round
Front bezel material:	Stainless steel 316L
Front bezel shape:	Flush

#### MOUNTING

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

#### OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Stainless steel 316L
Lens illumination:	Non illuminated
Lens shape:	Flush
Lens optics:	opaque

#### ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Rated Operational Voltage U <sub>e</sub> :	250 VAC
Rated insulation voltage U <sub>i</sub> :	250 V
Switching rating:	36 V AC/DC @ 0,6 A
Electrical lifetime:	50 000 cycles of operation

<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Thermal current I<sub>th</sub>:</b>	5 A

## MECHANICAL CHARACTERISTIC

<b>Terminal:</b>	Plug-in terminal, 2.8 x 0.5 mm
<b>Contact material:</b>	Silver
<b>Switching action:</b>	Maintained
<b>Switching system:</b>	Snap-action switching element
<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Operating force:</b>	4 N ... 7 N
<b>Operating Travel:</b>	ca. 3 mm
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Weight:</b>	0.026 kg

## AMBIENT CONDITION

<b>IP front protection:</b>	IP65, IP67
<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>Storage temperature:</b>	– 40 °C ... + 80 °C
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11

## CERTIFICATE

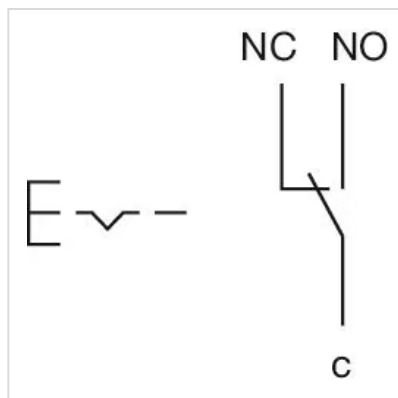
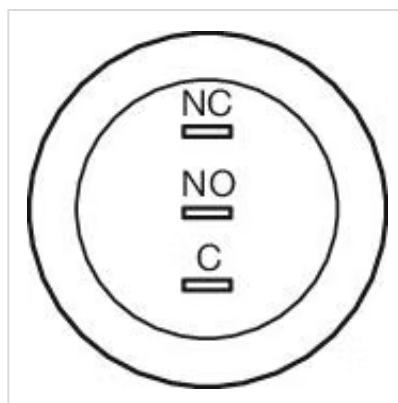
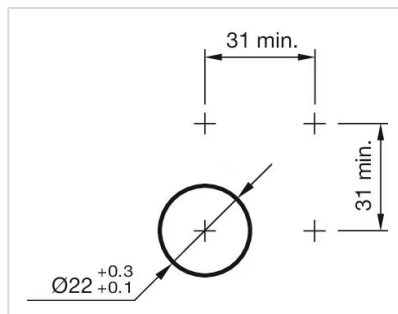
<b>Approbations:</b>	CB, CCC, C UL, UL
<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
<b>REACH:</b>	REACH compliant
<b>RoHS:</b>	RoHS compliant

## OTHER

<b>Short Description:</b>	Illuminated pushbutton Ø 22 mm stainless steel 316L, Maintained, 36 V AC/DC @ 0,6 A, 1 C, Plug-in terminal, 2.8 x 0.5 mm, Round, Stainless steel 316L, Silver
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**Hints:**

Switching voltage: max. 36 V AC/1A, max. 36 V DC/0.6

**Wiring diagrams:****Component layouts:****Mounting cut-outs:****Dimension drawings:**