

## Illuminated push button Ø 22 mm stainless steel 316L

82-6651.1154



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## 82-6651.1154

### Illuminated push button 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:	Illuminated
Lens shape:	Flush
Lens optics:	opaque
Illumination colour:	White
Shape of illumination:	Ring (Tritan)

#### ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	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

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

<b>Contacts:</b>	1 C
<b>Operating voltage:</b>	24 V DC (LED)
<b>Operation current:</b>	7 mA
<b>Rated Operational Voltage Ue:</b>	250 VAC
<b>Rated insulation voltage Ui:</b>	250 V
<b>Switching rating:</b>	36 V AC/DC @ 0,6 A
<b>Electrical lifetime:</b>	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 Ith:</b>	5 A

## MECHANICAL CHARACTERISTICS

<b>Terminal:</b>	Plug-in terminal, 2.8 x 0.5 mm
<b>Contact material:</b>	Silver
<b>Switching action:</b>	Momentary
<b>Switching system:</b>	Snap-action switching element
<b>Mechanical lifetime:</b>	1 Mil. 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

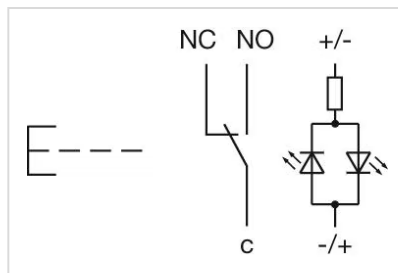
## OTHER

<b>Short Description:</b>	Illuminated push button Ø 22 mm stainless steel 316L, Momentary, 36 V AC/DC @ 0,6 A, 24 V DC (LED), 1 C, Plug-in terminal, 2.8 x 0.5 mm, Round, Stainless steel 316L, White, Silver
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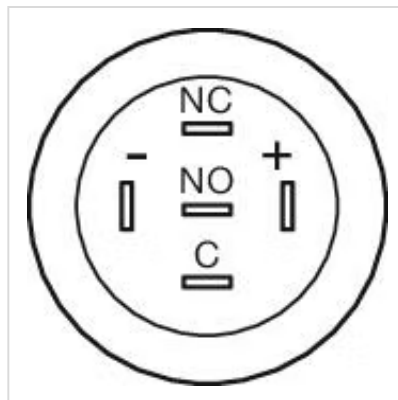
<b>Kind of illumination:</b>	Single-LED
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<b>Hints:</b>	Switching voltage: max. 36 V AC/1A, max. 36 V DC/0.6
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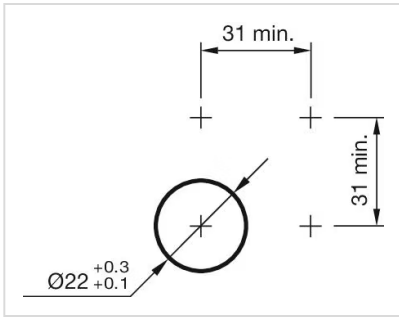
### Wiring diagrams:



### Component layouts:



### Mounting cut-outs:



Dimension drawings:

