

Illuminated pushbutton \emptyset 22 mm stainless steel 316L

82-6651.2114







82-6651.2114 Illuminated pushbutton Ø 22 mm stainless steel 316L

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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: Red

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 Current 24 VAC 1 A

35 VAC 1 A (M12 version) 110 VAC 1 A

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

Contacts: 1 C

Operating voltage: 24 V DC (LED)

Operation current: 7 mA

Rated Operational Voltage Ue: 250 VAC

Rated insulation voltage Ui: 250 V

Switching rating: 36 V AC/DC @ 0,6 A

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 CHARACTERISTICS

Terminal: Plug-in 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: $4 \text{ N} \dots 7 \text{ N}$

Operating Travel: ca. 3 mm

Tightening torque: 0.5 ... 0.6 Nm

Weight: 0.016 kg

AMBIENT CONDITION

IP front protection: IP65, IP67

Operating temperature: $-30 \, ^{\circ}\text{C} \, ... + 70 \, ^{\circ}\text{C}$

Storage temperature: $-40 \,^{\circ}\text{C} \dots + 80 \,^{\circ}\text{C}$

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

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

REACH: REACH compliant

RoHS: RoHS compliant

OTHER

Short Description: Illuminated pushbutton Ø 22 mm stainless steel 316L, Maintained, 36 V AC/DC @

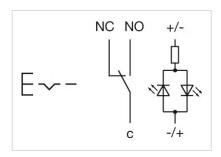
0,6 A, 24 V DC (LED), 1 C, Plug-in terminal, 2.8 x 0.5 mm, Round, Stainless steel

316L, Red, Silver

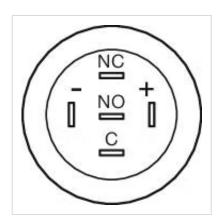
Kind of illlumination: Single-LED

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

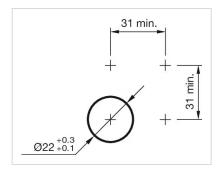
Wiring diagrams:



Component layouts:



Mounting cut-outs:



Dimension drawings:

