Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol

82-6151.1A14.B006

Your product:

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Illuminated pushbutton Ø 22 mm
stainless steel 304, with symbol

FRONT

Front bezel shape: flush

Front dimension: Ø 25 mm

Front bezel material: Stainless steel

Front form: round

MOUNTING

Mounting type: Panel mounting

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Symbol: Door open

Lens material: Plastic metalised

Illumination colour: Red

Lens shape: flush

Shape of illumination: Symbol

Lens illumination: illuminative

Lens colour: Silver

Lens optics: opaque

ELECTRICAL CHARACTERISTICS

Operating voltage: 24 V DC

Contacts: 1 C

Electrical lifetime: 50 000 cycles of operation

Rated insulation voltage Ui: 250 V

Rated Operational Voltage Ue: 250 VAC

Operation current: 7 mA

Thermal current Ith: 5 A

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

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

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 versio
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 vers
110 VDC	0.2 A
220 VDC	0.1 A

according to UL 508 (Silver contacts)
$\cos\varphi$ 0,75 … 0,8

Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

MECHANICAL CHARATERISTIC

Operating force: 4 N … 7 N

Switching action: Momentary

Operating Travel: ca. 3 mm

Contact material: Silver

Mechanical lifetime: 1 Mio. cycles of operation

Tightening torque: 0.5 … 0.6 Nm

Switching system: Snap-action switching element

Terminal: Soldering terminal, 2.8 x 0.5 mm

Weight: 0.025 kg

AMBIENT CONDITION

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

Storage temperature:

– 40 °C … + 80 °C

IP front protection: IP65, IP67

Vibration resistance: 10 … 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

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

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

CERTIFICATE

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

RoHS: RoHS compliant

Approbations: CB, CCC, C UL, UL

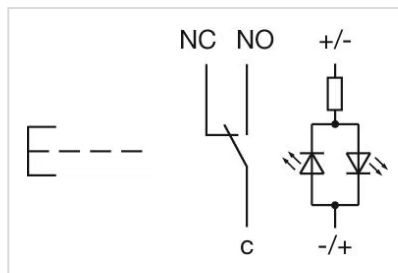**REACH:**   REACH compliant

OTHER

Short Description: Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Red, Door open, Silver
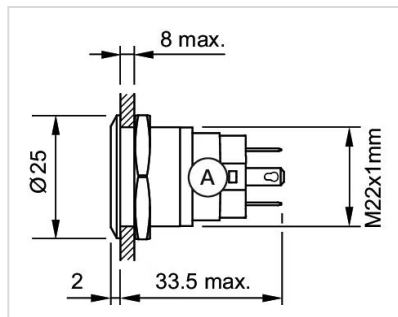
Kind of illlumination: Single-LED

Wiring diagrams:

NC   NO   +/-

c   -/+

Dimension drawings:

8 max.

Ø25   A   M22x1mm

2   33.5 max.

Component layouts:

Mounting cut-outs: