

Illuminated pushbutton \varnothing 19 mm silver contact

82-5552.2114







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FRONT

Front bezel shape: flush

Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens material: Aluminium

Lens shape: flush

Lens optics: opaque

Lens colour: Nature

Illumination colour: Red

Lens illumination: illuminative

Shape of illumination: Ring

ELECTRICAL CHARACTERISTICS

Thermal current Ith: 5 A

Rated Operational Voltage Ue: 250 VAC

Electrical lifetime: 50 000 cycles of operation

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

Operating voltage: 24 V DC

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)

 $\cos \phi \ 0.75 \dots 0.8$

 Voltage
 Current

 120 VAC
 5 A

 240 VAC
 3 A

 24 VAC
 1 A

Contacts: 1 C

Rated insulation voltage Ui: 250 V

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

MECHANICAL CHARATERISTIC

Weight: 0.018 kg

Switching system: Snap-action switching element

Operating Travel: ca. 3 mm

Contact material: Silver

Terminal: Screw terminal

Operating force: 4 N ... 7 N

Switching action: Maintained

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Mechanical lifetime: 500 000 cycles of operation

AMBIENT CONDITION

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

IP front protection: IP65, IP67

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

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

Storage temperature:

CERTIFICATE

Approbations: CB, CCC, C UL, UL

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

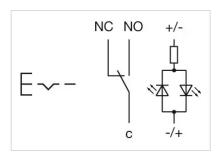
OTHER

Short Description: Illuminated pushbutton Ø 19 mm silver contact, Maintained, 24 V DC, 1 C,

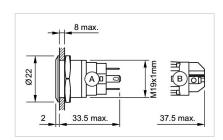
Screw terminal, Aluminium, Red, Nature

Kind of illlumination: Single-LED

Wiring diagrams:

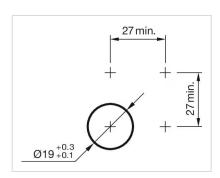


Dimension drawings:



A = Solder terminal B = Screw terminal

Mounting cut-outs:



Component layouts:

