Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol

82-6151.1AA4.B002

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Your product:

82-6151.1AA4.B002
Illuminated pushbutton Ø 22 mm
stainless steel 304, with symbol

FRONT

Front dimension:	Ø 25 mm
Front form:	round
Front bezel material:	Stainless steel
Front bezel shape:	flush

MOUNTING

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

OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Plastic metalised
Lens illumination:	illuminative
Lens shape:	flush
Lens optics:	opaque
Symbol:	Standby
Illumination colour:	Red/Green
Shape of illumination:	Symbol

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Operating voltage:	24 V DC

Operation current: 7 mA

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)
cosφ 0,75 … 0,8

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

Rated Operational Voltage Ue: 250 VAC

Rated insulation voltage Ui: 250 V

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 CHARATERISTIC

Terminal: Soldering terminal, 2.8 x 0.5 mm

Contact material: Silver

Switching action: Momentary

Switching system: Snap-action switching element

Mechanical lifetime: 1 Mio. cycles of operation

Operating force: 4 N … 7 N

Operating Travel: ca. 3 mm

Tightening torque: 0.5 … 0.6 Nm

Weight: 0.025 kg

AMBIENT CONDITION

IP front protection: IP65, IP67

Operating temperature:

– 30 °C ... + 70 °C

Storage temperature:	– 40 °C ... + 80 °C
Shock resistance:	Max. 500 m / s^2 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
Conformities:	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 304, with symbol, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Red/Green, Standby, Silver

Kind of illlumination: Bi-colour-LED

Wiring diagrams:
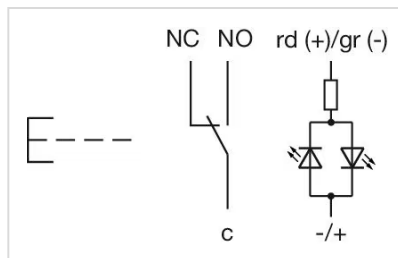
Component layouts:
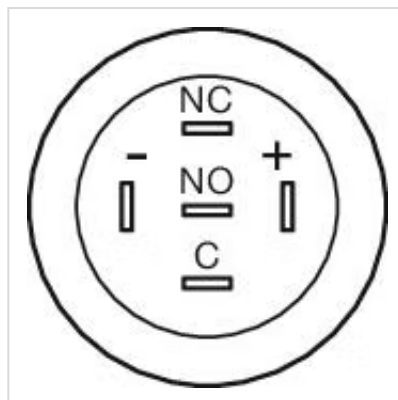
Mounting cut-outs:

Dimension drawings:
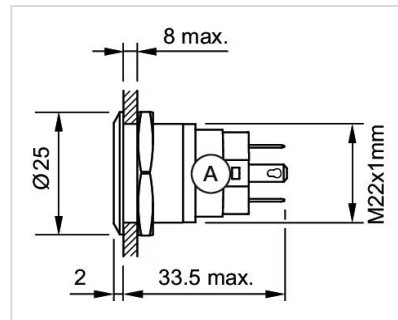
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DigiKey	7 in stock	**Buy** 🛒
Rapid Electronics	5 in stock	**Buy** 🛒
Mouser Electronics	3 in stock	**Buy** 🛒

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