

Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol

82-6151.1AA4.B004



<https://eao.com/p/82-6151.1AA4.B004>

Your product:



82-6151.1AA4.B004
Illuminated pushbutton Ø 22 mm
stainless steel 304, with symbol

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage Ue:	250 VAC
Thermal current Ith:	5 A

Pollution degree:	2, according to EN IEC 60947-1																				
Operation current:	7 mA																				
Electrical lifetime:	50 000 cycles of operation																				
Operating voltage:	24 V DC																				
Switching voltage and switching current:	<p>according to IEC 60947-5-1 (Silver contacts) Service categorie AC-15</p> <table> <tr> <td>Voltage</td> <td>Current</td> </tr> <tr> <td>24 VAC</td> <td>1 A</td> </tr> <tr> <td>35 VAC</td> <td>1 A (M12 versio</td> </tr> <tr> <td>110 VAC</td> <td>1 A</td> </tr> <tr> <td>220 VAC</td> <td>0.5 A</td> </tr> </table> <p>Switch rating DC service categorie DC-13 (Silver contacts)</p> <table> <tr> <td>Voltage</td> <td>Current</td> </tr> <tr> <td>24 VDC</td> <td>0.7 A</td> </tr> <tr> <td>35 VDC</td> <td>0.5 A (M12 vers</td> </tr> <tr> <td>110 VDC</td> <td>0.2 A</td> </tr> <tr> <td>220 VDC</td> <td>0.1 A</td> </tr> </table>	Voltage	Current	24 VAC	1 A	35 VAC	1 A (M12 versio	110 VAC	1 A	220 VAC	0.5 A	Voltage	Current	24 VDC	0.7 A	35 VDC	0.5 A (M12 vers	110 VDC	0.2 A	220 VDC	0.1 A
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Electric strength:	according to UL 508 (Silver contacts) $\cos\phi$ 0,75 ... 0,8																				
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Rated insulation voltage Ui:	1500 VAC, 50 Hz 1 minute between life terminals and ground																				
Contacts:	1 C																				
Rated insulation voltage Ui:	250 V																				

MECHANICAL CHARACTERISTIC

Tightening torque:	0.5 ... 0.6 Nm
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Operating force:	4 N ... 7 N
Contact material:	Silver
Switching action:	Momentary
Switching system:	Snap-action switching element
Operating Travel:	ca. 3 mm
Weight:	0.025 kg
Mechanical lifetime:	1 Mio. cycles of operation

AMBIENT CONDITION

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

10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Operating temperature: - 30 °C ... + 70 °C

IP front protection: IP65, IP67

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

Storage temperature: - 40 °C ... + 80 °C

CERTIFICATE

REACH: REACH compliant

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

Approbations: CB, CCC, C UL, UL

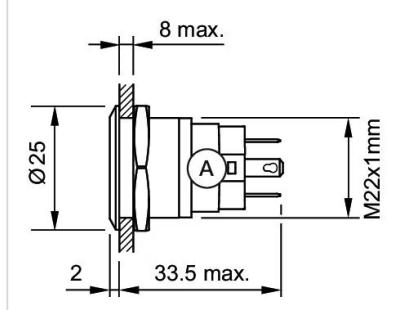
RoHS: RoHS compliant

OTHER

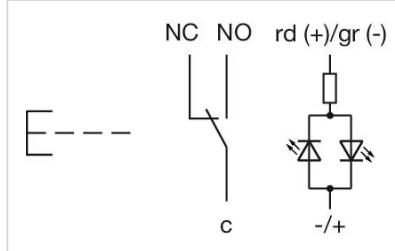
Kind of illumination: Bi-colour-LED

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, Info, Silver

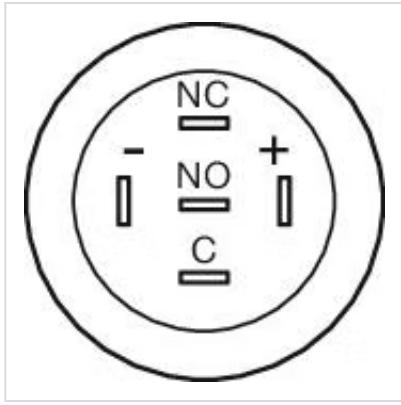
Dimension drawings:



Wiring diagrams:



Component layouts:



Mounting cut-outs:

