

Illuminated push button Ø 22 mm stainless steel 304, with
symbol

82-6151.1A54.B015



<https://www.eao.com/component/82-6151.1A54.B0...>

Your product:



82-6151.1A54.B015

Illuminated push button 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:	Illuminated
Lens shape:	Flush
Lens optics:	opaque
Symbol:	SOS
Illumination colour:	White
Shape of illumination:	Symbol

ELECTRICAL CHARACTERISTICS

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)	
cosφ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Contacts:	1 C
Operating voltage:	24 V DC
Operation current:	7 mA
Rated Operational Voltage Ue:	250 VAC
Rated insulation voltage Ui:	250 V
Switching rating:	35 V @ 3 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:	Soldering terminal, 2.8 x 0.5 mm
Contact material:	Silver
Switching action:	Momentary
Switching system:	Snap-action switching element
Mechanical lifetime:	1 Mil. 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

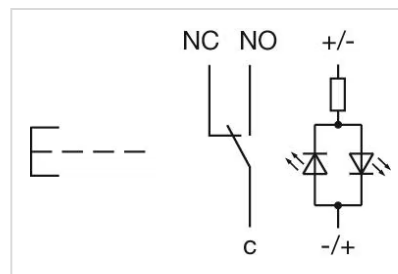
Approbations:	CB, CCC, C UL, UL
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

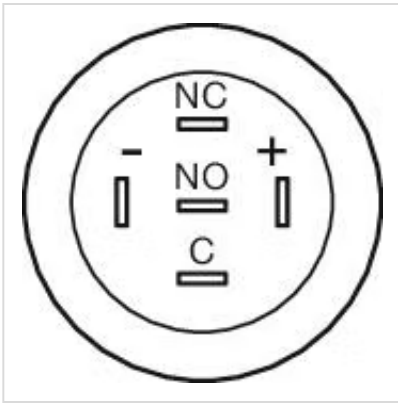
Short Description: Illuminated push button Ø 22 mm stainless steel 304, with symbol, Momentary, 35 V @ 3 A, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Round, Stainless steel, White, SOS, Silver

Kind of illumination: Single-LED

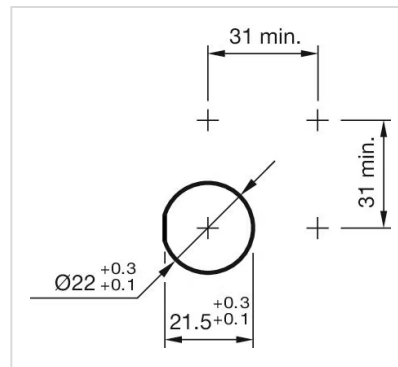
Wiring diagrams:



Component layouts:



Mounting cut-outs:



Dimension drawings:

