#### 1.15.106.504/1600



# Illuminated pushbutton 9.1 mm, with included LED, momentary contact function, 1 NC + 1 NO, bezel blue



#### fields of application

- > Mechanical and system engineering
- > Model construction
- > Home technology

# CE Z

### description

Mounting hole diameter 9.1 mm, max. 24 V / 500 mA, with integrated LED / filament lamp

#### Recommended values for LED series resistor

5 - 7 V = 270 Ohm, 0.25 W

12 - 14 V = 680 Ohm, 0.5 W

24 - 28 V = 1500 Ohm, 1 W

LED forward current: max. 10 mA at T = 25° C

LED forward voltage: 2 V at 10 mA

LED reverse voltage: 5 V LED reverse current: 0.1 mA

LED power dissipation: max. 120 mW at T =  $50^{\circ}$  C

Contact assignment: 1-2 = normally closed, 3-4 = normally open, X1-X2 = LED.

Observe correct polarity: positive to LED anode, the anode is marked with a colored dot.

#### technical data

Bezel color blue

Property of bezel / mushroom transparent

Collar shape round

Operating temperature, min. -25 °C

Operating temperature, max. 55 °C

Storage temperature, min. -40 °C

Storage temperature, max. 80 °C

direct links

> RAFI eCatalog

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Yes

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illuminated

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Luminous elements LED
Soldering time for manual 3 sec

soldering, max.

Soldering temperature for manual 350 °C

soldering

Soldering Manual soldering

Packaging Box
Packaging unit 10 pcs.
net weight 2.2 g

Operating life 200,000 cycles B10 260,000 cycles

IP40

Degree of protection, front side,

according to DIN EN 60529

MOQ order 50 pcs.

RoHS compliant Yes

REACH compliant Yes

> mounting diameters

Outside dimension, length 11 mm
Outside dimension, width 11 mm
Outside dimension, height 32 mm
Mounting hole 9.1 mm
Mounting depth 25 mm
Installation height 7 mm

> mechanical data

Actuation function momentary contact function

Operating force, min. 5 N
Operating travel, max. 1.5 mm
Contact function 1 NC + 1 NO
Contact system Bridge contact

Contact material Gold

Fixing Threaded ring

Solderability Yes

Terminal on the rear Solder terminal

> electrical data

Operating voltage of the luminous 2 V

element, max.

Rated voltage, max. 24 V

Operating current of the luminous 10 mA

element, max.

Rated current, max. 0.5 A