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Illuminable pushbutton, mounting hole diameter 9.1 mm, 24 V/0.5 A



Technical data

General information

Form of lens protruding lens
 Colour of lens see order block
 Form of collar round

Contact resistance when new max. 50 mΩ
 Contact resistance acc. to life max. 300 mΩ
 Bouncing time max. 10 ms
 Lamp voltage see order block

Dimensions

Diameter of collar 11 mm
 Overall height 7 mm
 Mounting depth 25 mm
 Mounting hole 9.1 mm

Other specifications

Operating life key switch 200000
 Operating life filament lamp see order block
 Degree of protection from front side IP40
 Ambient temp. operating min. -25 °C
 Ambient temp. operating max. +70 °C
 Storage temperature min. -40 °C
 Storage temperature max. +80 °C
 Resistance to constant environment according to IEC 600 68-2-3 and 2-30
 Soldering temperature max. 350 °C
 Resistance at variable environment according to IEC 600 68-2-14 and 2-33
 Weight 3 g
 Soldering time max. 3 sec.

Mechanical design

Mounting ring nut
 Terminals solder terminals
 Contact system bridge contact
 Contact function momentary
 Contact arrangement 1 NC + 1 NO
 Contact materials Au
 Illuminability see order block
 Lamp socket no

Mechanical characteristics

Operating force max. 5 N
 Operating travel 1.5 mm
 Switching travel NC 0.5 mm
 Switching travel NO 1 mm
 Robustness min. 100 N

Electrical characteristics

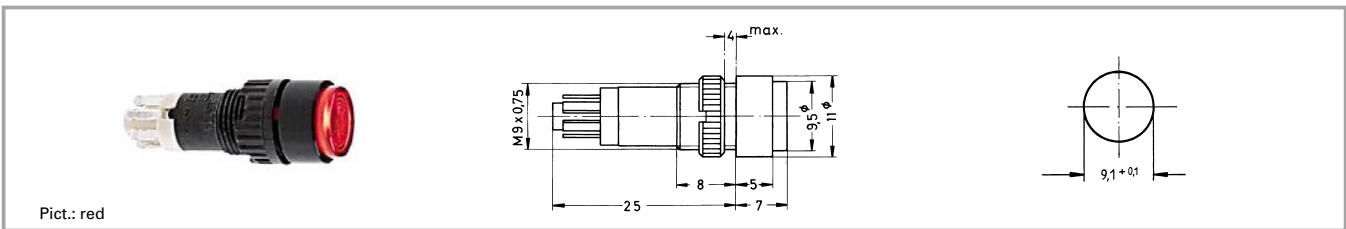
Rated voltage AC/DC max. 24 V
 Rated voltage DC max. 24 V
 Rated current max. 0.5 A

Other Pushb.

Accessories Illuminable pushbutton, mounting hole diameter 9.1 mm, 24 V/0.5 A

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Contact arrangement	Contact function	Illuminability	Lamp voltage	Colour of lens	Order no.
1 NC + 1 NO	momentary	filament lamp	24 V / 0.7 W	transparent colourless	1.15.106.021/1002
1 NC + 1 NO	momentary	filament lamp	24 V / 0.7 W	transparent red	1.15.106.021/1307
1 NC + 1 NO	momentary	filament lamp	24 V / 0.7 W	transparent yellow	1.15.106.021/1403
1 NC + 1 NO	momentary	filament lamp	24 V / 0.7 W	transparent green	1.15.106.021/1510
1 NC + 1 NO	momentary	no		opaque black	1.15.106.301/0104
1 NC + 1 NO	momentary	no		opaque white	1.15.106.301/0214
1 NC + 1 NO	momentary	no		opaque red	1.15.106.301/0313
1 NC + 1 NO	momentary	no		opaque yellow	1.15.106.301/0410
1 NC + 1 NO	momentary	no		opaque green	1.15.106.301/0518
1 NC + 1 NO	momentary	LED super bright white	2 V/10 mA external series resistor	transparent white	1.15.106.505/1000
1 NC + 1 NO	momentary	LED super bright red	2 V/10 mA external series resistor	transparent red	1.15.106.501/1300
1 NC + 1 NO	momentary	LED super bright yellow	2 V/10 mA external series resistor	transparent yellow	1.15.106.503/1400
1 NC + 1 NO	momentary	LED super bright green	2 V/10 mA external series resistor	transparent green	1.15.106.502/1500
1 NC + 1 NO	momentary	LED super bright blue	2 V/10 mA external series resistor	transparent blue	1.15.106.504/1600

Other Pushb.

Technical data see page 1 - 76

Recommended values for external series resistor for LED:

- 5 - 7 V = 270 Ω, 0.25 W
- 12 - 14 V = 680 Ω, 0.5 W
- 24 - 28 V = 1500 Ω, 1 W

Operating life filament Lamp: approx. 2000 h.