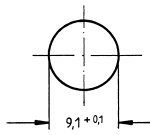


1

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



Pict.: red

Technical data

General information

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

Dimensions

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

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

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

Other specifications

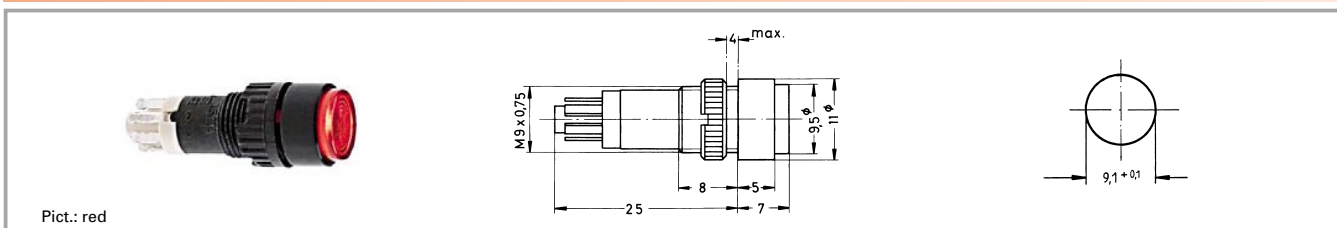
Operating life key switch	200000
Operating life filament lamp	see order block
Degree of protection from front side	IP40
Ambient temp. operating min.	-25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Resistance to constant environment	according 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.

Other Pushb.

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

Description	Photo	Order no.	Page
Fixing spanner M 9, M 10		5.58.002.025/0105	5 - 23

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



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

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.