

Pushbutton, Series 82, Ø 25 mm, flush, Silver, IP65, IP67,  
Plug-in terminal, 2.8 x 0.5 mm

82-6171.1000



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Your product:

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Pushbutton, Series 82, Ø 25 mm, flush,  
Silver, IP65, IP67, Plug-in terminal, 2.8 x  
0.5 mm

#### PRODUCT RANGE

**HMI function:** Pushbutton  
**Series:** Series 82

#### FRONT

**Front dimension:** Ø 25 mm  
**Front bezel colour:** Silver  
**Front bezel material:** Stainless steel

#### MOUNTING

**Design:** flush  
**Mounting cut-out:** Ø 22 mm

#### OPERATING-/INDICATION PART

**Lens illumination:** non illuminative  
**Lens colour:** Silver  
**Lens shape:** convex  
**Lens material:** Stainless steel

#### ELECTRICAL CHARACTERISTICS

**Electrical lifetime:** 50 000 cycles of operation  
**Switching voltage and switching current:**

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

cos $\phi$  0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

## MECHANICAL CHARACTERISTIC

|                           |   |
|---------------------------|---|
| <b>Tightening torque:</b> | Fixing nut 0.5 Nm min. ... 1.2 Nm max., Screw terminal 0.1 Nm |
| <b>Terminal:</b>          | Plug-in terminal, 2.8 x 0.5 mm                                |
| <b>Contact material:</b>  | Silver  |
| <b>Switching action:</b>  | Momentary   |
| <b>Total weight:</b>      | 0.026 kg  |

## AMBIENT CONDITION

|                               |                     |
|-------------------------------|---------------------|
| <b>IP front protection:</b>   | IP65, IP67          |
| <b>Operating temperature:</b> | - 30 °C ... + 70 °C |
| <b>Storage temperature:</b>   | - 40 °C ... + 80 °C |

## OTHER

|   |                 |
|---|-----------------|
| <b>max. number of switching elements:</b> | 1               |
| <b>Housing colour:</b>                    | Silver          |
| <b>Housing material:</b>                  | Stainless steel |
| <b>Gehäuse Grösse:</b>                    | 19 mm           |
| <b>Symbol:</b>                            | no symbol       |
| <b>Article number:</b>                    | 82-6171.1000    |