Your Expert Partner for **Human Machine Interfaces**

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

82-6151.1123

https://eao.com/p/4eac0222

Your product:

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

PRODUCT RANGE

HMI function:	Illuminated 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

Shape of illumination:	Ring
Lens illumination:	illuminative
Lens colour:	Silver
Lens shape:	flush
Lens material:	Stainless steel
Illumination colour:	Blue

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	Current
24 VAC	1 A
35 VAC	1 A (M12 versio
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 vers
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

Lumi. Intensity: mcd

Operating voltage: 12 V AC/DC ±10 %

Operation current: 7 mA

MECHANICAL CHARATERISTIC

Tightening torque: Fixing nut 0.5 Nm min. ... 1.2 Nm max., Screw terminal 0.1 Nm

Terminal: Plug-in terminal, 2.8 x 0.5 mm

Contact material: Silver

Switching action: Momentary

Switching system: Snap-action switching element

Total weight: 0.026 kg

AMBIENT CONDITION

IP front protection: IP65, IP67

Operating temperature: – 30 °C ... + 70 °C

Storage temperature: – 40 °C ... + 80 °C

OTHER

max. number of switching elements: 1

Housing colour: Silver

Housing material: Stainless steel

Gehäuse Grösse:	19 mm
Symbol:	no symbol
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