

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

82-6151.1133



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Your product:

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#### PRODUCT RANGE

<b>HMI function:</b>	Illuminated pushbutton
<b>Series:</b>	Series 82

#### FRONT

<b>Front dimension:</b>	Ø 25 mm
<b>Front bezel colour:</b>	Silver
<b>Front bezel material:</b>	Stainless steel

#### MOUNTING

<b>Design:</b>	flush
<b>Mounting cut-out:</b>	Ø 22 mm

#### OPERATING-/INDICATION PART

<b>Shape of illumination:</b>	Ring
<b>Lens illumination:</b>	illuminative
<b>Lens colour:</b>	Silver
<b>Lens shape:</b>	flush
<b>Lens material:</b>	Stainless steel
<b>Illumination colour:</b>	Green

#### ELECTRICAL CHARACTERISTICS

<b>Electrical lifetime:</b>	50 000 cycles of operation
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**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

<b>Lumi. Intensity:</b>	mcd
<b>Operating voltage:</b>	12 V AC/DC ±10 %
<b>Operation current:</b>	7 mA

**MECHANICAL CHARATERISTIC**

<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>Switching system:</b>	Snap-action switching element
<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>	82-6151.1133