

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

82-6151.2154



<https://eao.com/p/d6048fed>

Your product:



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PRODUCT RANGE

HMI function: Illuminated pushbutton

Series: Series 82

FRONT

Front dimension: Ø 25 mm

Front bezel colour: Silver

Front bezel shape: flush

Front bezel material: Stainless steel

MOUNTING

Design: flush

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Shape of illumination:	Ring
Marking symbol shape:	laser engraved
Lens illumination:	illuminative
Lens colour:	Silver
Lens shape:	flush
Lens material:	Stainless steel
Lens optics:	opaque
Illumination colour:	White

ELECTRICAL CHARACTERISTICS

Switching rating:	V @ A		
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)		
	$\cos\phi$ 0,75 ... 0,8		
	Voltage	Current	
	120 VAC	5 A	
	240 VAC	3 A	
	24 VAC	1 A	

Lumi. Intensity:	mcd
Operating voltage:	24 V AC/DC ± 10 %
Operation current:	7 mA

MECHANICAL CHARATERISTIC

Tightening torque:	0.5 ... 0.6 Nm
Terminal:	Plug-in terminal, 2.8 x 0.5 mm
Contact material:	Silver
Switching action:	Maintained
Switching system:	

Snap-action switching element

Total weight: 0.026 kg

AMBIENT CONDITION

IP front protection: IP65, IP67

Vibration resistance: 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

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

OTHER

max. number of switching elements: 1

Housing colour: Silver

Housing material: Stainless steel

Housing size: 19 mm

Symbol: no symbol

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