

Your Expert Partner for Human Machine Interfaces

Switching element

84-8511.4620





https://eao.com/p/84-8511.4620

Your product:



84-8511.4620 Switching element

OPER	ATING-	/INDIC	ATION	PART
U . L	ATTIC .	/ 11010		

Illumination colour:	Yellow	
ELECTRICAL CHARACTERISTICS		
Contacts:	1 NO	
Operating voltage:	24 V DC ±10 %	
Operation current:	10 mA	
Switching voltage and switching current:	Voltage 42 VAC/DC Current 100 mA Power max. 2 W	
Switching rating:	42 V AC/DC @ 0,1 A	
Electric strength:	500 VAC, 50 Hz, 1 minute according to DIN IEC 60512-2	

MECHANICAL CHARATERISTIC

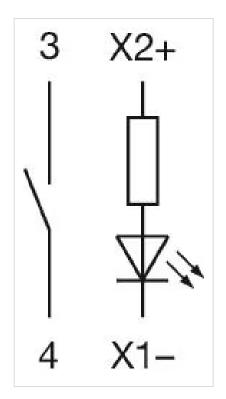
Terminal:	Plug-in terminal, 2.8 x 0.8 mm	
Contact material:	Gold-plated silver	
Switching system:	Short-travel element	
Switching system:	Short-travel snap-action switching system with two independent contact points and tactile operation Guarantees reliable switching even of very light loads. Fitted with 1 normally open contact	
Mechanical lifetime:	≥1 Mio. cycles of operation	
Operating force:	4.5 N \pm 1 N (measured at the lens)	
Operating Travel:	ca. 0.5 mm	
Weight:	0.006 kg	

AMBIENT CONDITION

IP Protection:	IP40 rear side, standard version, IP67 rear side, fully sealed version, with mounted actuator only.
Operating temperature:	– 25 °C + 70 °C
Storage temperature:	– 40 °C + 85 °C
Shock resistance:	Max. 100 m / s ² , pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)
Vibration resistance:	Max. 50 m / s² from 10 Hz 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068- 2-6)

CERTIFICATE

REACH:	REACH compliant	
RoHS:	RoHS compliant	
OTHER		
Short Description:	Switching element, Short-travel element, 42 V AC/DC @ 0,1 A, Gold-plated silver, 1 NO, Plug-in terminal, 2.8 x 0.8 mm	
Material:	Plastic	
Hints:	LED and built-in resistor included,Standard version: Cable length 300 mm,Other options on request: Customisation of cable and connectors, rear side fully sealed (IP 67),Protection degree (rear side): IP 40, upgrade to IP 67 with plug Part No. 84-900 possible. With applications where strong vibrations occure, the plugs may become loose,Luminosity and wave length variations caused by LED manufacturing processes may cause slight differences regarding the illumination. The customer has to decide what resistor shall be used to the LED	
Wiring diagrams:		



Where to Buy

butor	Quantity in Stock		
UK	23 in stock	Buy	Å
user Electronics	5 in stock	Buy	Å
nell UK	3 in stock	Buy	Ê
E	2 in stock	Buy	Ê
wark	2 in stock	Buy	Å
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