

Switching element

84-8510.0020



<https://eao.com/p/84-8510.0020>

Your product:



84-8510.0020

Switching element

ELECTRICAL CHARACTERISTICS

Contacts:	1 NO
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 CHARACTERISTIC

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 ±1 N (measured at the lens)
Operating Travel:	ca. 0.5 mm
Weight:	0.005 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

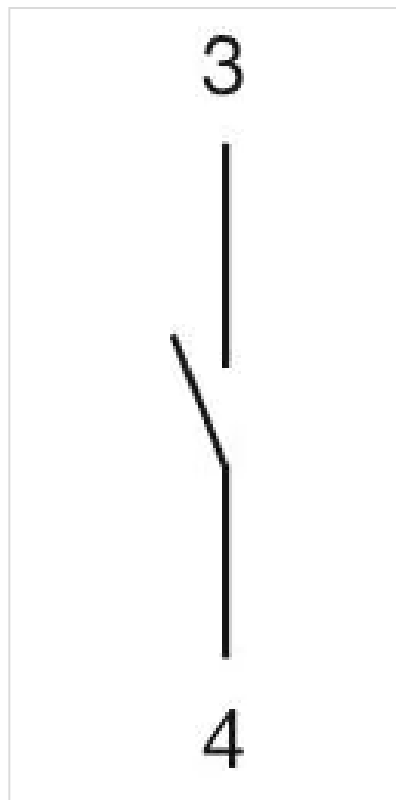
Material:

Plastic











Hints:

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 occur, the plugs may become loose

Wiring diagrams:



Where to Buy

	Distributor	Quantity in Stock	
	Farnell UK	501 in stock	Buy 
	Sager	398 in stock	Buy 
	Newark	228 in stock	Buy 
	RS UK	135 in stock	Buy 
	Mouser Electronics	107 in stock	Buy 

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