

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 rating:	42 V AC/DC @ 0,1 A						
Switching voltage and switching current:	<table><tr><td>Voltage</td><td>42 VAC/DC</td></tr><tr><td>Current</td><td>100 mA</td></tr><tr><td>Power</td><td>max. 2 W</td></tr></table>	Voltage	42 VAC/DC	Current	100 mA	Power	max. 2 W
Voltage	42 VAC/DC						
Current	100 mA						
Power	max. 2 W						
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
Operating Travel:	ca. 0.5 mm
Weight:	0.005 kg
Contact material:	Gold-plated silver
Switching system:	Short-travel element
Mechanical lifetime:	≥1 Mio. cycles of operation
Operating force:	4.0 N ±0.2 N
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

AMBIENT CONDITION

Vibration resistance:	Max. 50 m / s ² from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)
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 / s², pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)

CERTIFICATE**RoHS:**

RoHS compliant

REACH:

REACH compliant

OTHER**Material:**

Plastic

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

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: