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Your Expert Partner for **Human Machine Interfaces**

Switching element

Distribution by
Rs-online

46-31H.1Z10



https://rs-online.eao.com/p/46-31H.1Z10

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Your product:



46-31H.1Z10
Switching element

FRONT

Colour: Green

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:

at AC-15				
Voltage	24 V	120 V	240 V	600 V
Current	10 A	6 A	3 A	1,2 A
at DC-13				
Voltage	24 V	120 V	240 V	
Current	5 A	1,1 A	0,55 A	

Contacts: 1 NO

Insulation voltage: Ui 690V - Uimp 4KV (IEC-EN60947-1)

Switching rating: 600 V AC @ 1.2 A

Pollution degree: 3

Thermal current Ith: 10 A (IEC-EN60947-1)

MECHANICAL CHARATERISTIC

Terminal: Screw terminal

Contact material: Silver

Switching system: Slow-make switching element

Mechanical lifetime: 1 Mil. cycles of operation

Operating force: 2 N

Tightening torque: 0.8 ... 1 Nm for screw terminal

Weight: 0.01 kg

AMBIENT CONDITION

IP Protection:	IP20
Operating temperature:	– 25 °C ... + 55 °C
Shock resistance:	30g, 18ms (EN-IEC 60068-2-27) 50g, 11ms (EN-IEC 60068-2-27)
Vibration resistance:	5g f= 2...500Hz (EN-IEC 60068-2-6)
Climate resistance:	+25°C-97%RH / +45°C-93%RH (IEC-EN60068-2-30)

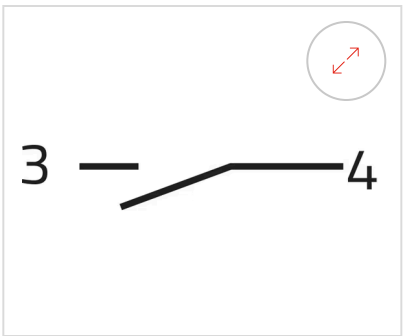
CERTIFICATE

Approbations:	CSA, EAC, UL
Conformities:	CE
REACH:	REACH compliant
RoHS:	RoHS compliant
Standards:	CSA C22-2, IEC EN 60947-1, IEC EN 60947-5-1, UL508

OTHER

Short Description:	Switching element, Slow-make switching element, 600 V AC @ 1.2 A, Silver, 1 NO, Screw terminal
Material:	Plastic

Wiring diagrams:



Dimension drawings:

