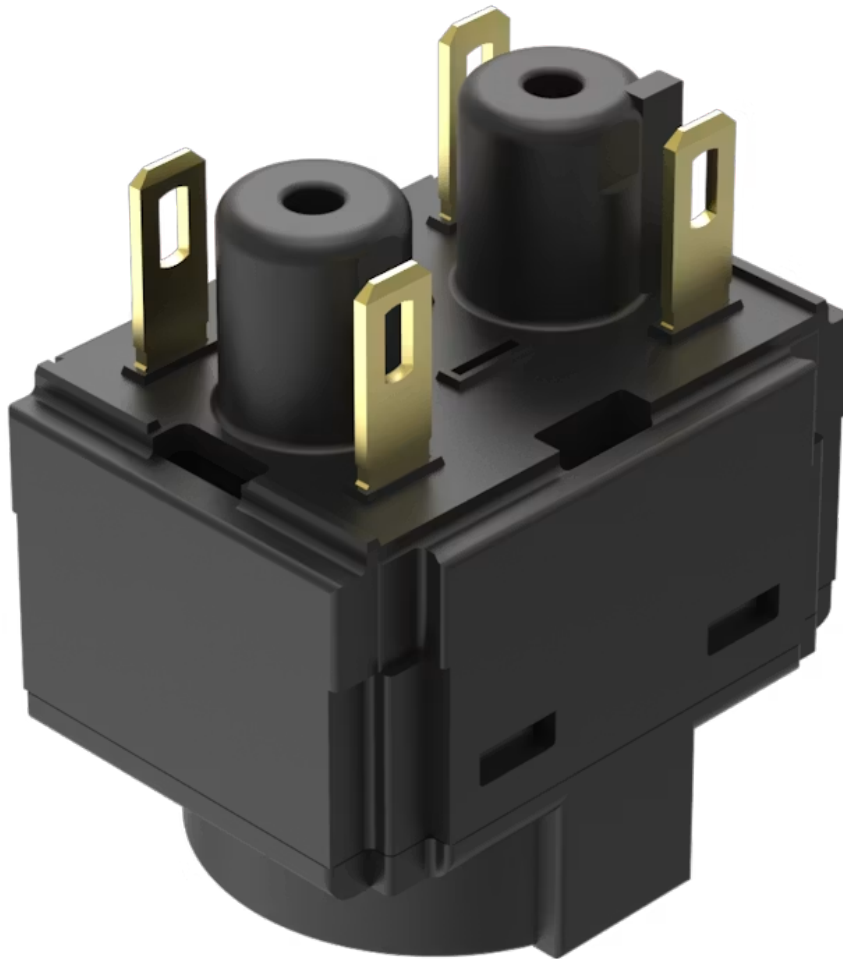


Switching element

61-8775.37



<https://www.eao.com/component/61-8775.37/en/s...>

Your product:



61-8775.37

Switching element

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:

Switch rating AC with gold contact		
Service category AC-15		
according to EN IEC 60947-5-1		
Voltage		50 VAC
Current		0.5 A
Switch rating DC with gold contact		
Service category DC-13		
according to EN IEC 60947-5-1		
Voltage		50 VDC
Current		0.1 A

Contacts:

1 NC / 1 NO

Forward voltage:

Rated Operational Voltage U_e :

50 VAC / DC, according to EN / IEC 60947-5-1

Rated impulse withstand voltage U_{imp} :

0.8 kV, according to EN / IEC 60947-5-1

Rated insulation voltage U_i :

320 VAC, according to EN / IEC 60947-5-1

Recommended minimum operational data:

Voltage	10 VAC/DC
Current	2 mA

Switching rating:

50 V AC/DC @ 0,3 A

Pollution degree:

3, according to EN IEC 60947-1

Standards:

The switches comply with the "Standards for low-voltage switching devices" EN IEC 61058-1, EN IEC 60947-5-1

Thermal current I_{th} :

3 A

MECHANICAL CHARACTERISTICS

Terminal:

Plug-in terminal, 2.8 x 0.5 mm

Contact material:

Gold

Switching system:

Slow-make switching element

Switching positions:

2 positions

Wire cross section:

1 wire flexible: 0.5 ... 0.75 mm²
1 wire super flexible: 0.5 mm²
1 wire rigid: 0.5 ... 1.5 mm²
2 wires flexible: 0.5 ... 0.75 mm²
2 wires super flexible: 0.5 mm²
2 wires rigid: 0.5 ... 1.5 mm²

Weight:

0.008 kg

AMBIENT CONDITION**Operating temperature:**

– 25 °C ... + 55 °C

Climate resistance:

Damp heat, cyclic: 96 hours, + 25 °C/97 %, + 55 °C/93 % relative humidity, as per EN IEC 60068-2-30
Damp heat, steady: 56 days, + 40 °C/93 % relative humidity, according to EN IEC 60068-2-78
Rapid change of temperature: 100 cycles, – 40 °C ... + 80 °C, as per EN / IEC 60068-2-14

CERTIFICATE**Approbations:**

CB (IEC 61058-1), CQC, CSA, DNV, ENEC (EN 61058-1), UL, VDE

Conformities:

CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

REACH:

REACH compliant

RoHS:

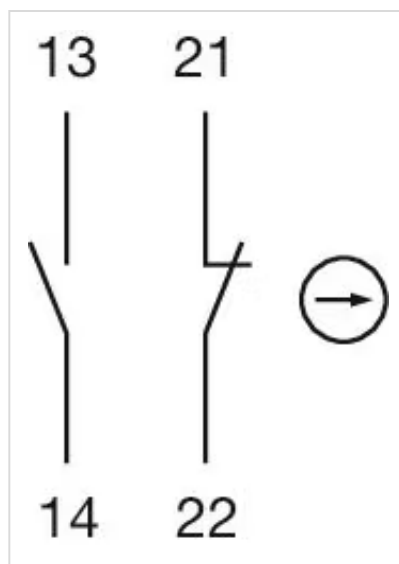
RoHS compliant

OTHER**Short Description:**

Switching element, Slow-make switching element, 50 V AC/DC @ 0,3 A, Gold, 1 NC / 1 NO, Plug-in terminal, 2.8 x 0.5 mm

Material:

Plastic, according to UL 94 V0

Wiring diagrams:

Component layouts:

