

# Switching element

61-8755.37

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## 61-8755.37 Switching element

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### 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:**

2 NC

**Rated Operational Voltage U<sub>e</sub>:**

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

**Rated impulse withstand voltage U<sub>imp</sub>:**

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

**Rated insulation voltage U<sub>i</sub>:**

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<sub>th</sub>:**

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 mm<sup>2</sup>  
1 wire super flexible: 0.5 mm<sup>2</sup>

1 wire rigid: 0.5 ... 1.5 mm<sup>2</sup>  
2 wires flexible: 0.5 ... 0.75 mm<sup>2</sup>  
2 wires super flexible: 0.5 mm<sup>2</sup>  
2 wires rigid: 0.5 ... 1.5 mm<sup>2</sup>

**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

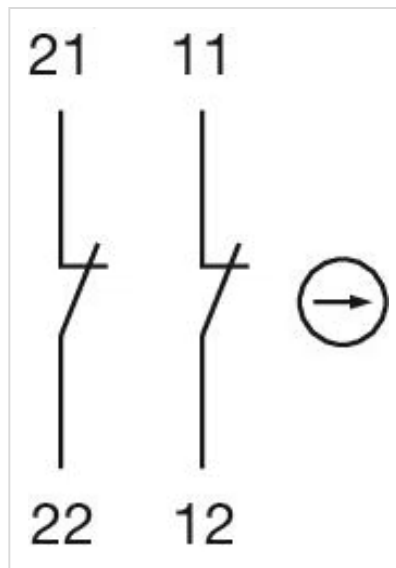
**RoHS:** RoHS compliant

### OTHER

**Short Description:** Switching element, Slow-make switching element, 50 V AC/DC @ 0,3 A, Gold, 2 NC, Plug-in terminal, 2.8 x 0.5 mm

**Material:** Plastic, according to UL 94 V0

**Wiring diagrams:**



**Component layouts:**

