

# Switching element

46-312.1Z10

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## 46-312.1Z10 Switching element

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### FRONT

**Colour:** Red

### ELECTRICAL CHARACTERISTICS

<b>Switching voltage and switching current:</b>	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 NC

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

**Switching rating:** 600 V AC @ 1,2 A

**Pollution degree:** 3

**Thermal current I<sub>th</sub>:** 10 A (IEC-EN60947-1)

### MECHANICAL CHARACTERISTICS

**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:** 0.011 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

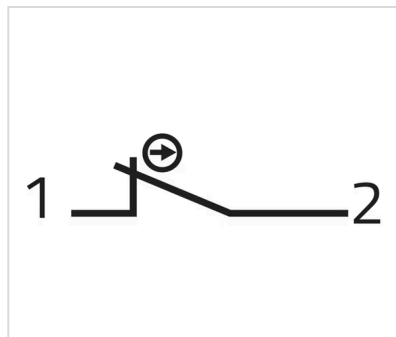
**Standards:** CSA C22-2, IEC EN 60947-1, IEC EN 60947-5-1, UL508

### OTHER

**Short Description:** Switching element, Slow-make switching element, 600 V AC @ 1,2 A, Silver, 1 NC, Screw terminal

**Material:** Plastic

**Wiring diagrams:**



**Dimension drawings:**

