

# Switching element

46-312.1Z70

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## 46-312.1Z70

### Switching element

#### FRONT

**Colour:** Red

#### ELECTRICAL CHARACTERISTICS

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

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

**Contacts:** 1 NC

**Pollution degree:** 3

**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 |       |

#### MECHANICAL CHARACTERISTIC

**Weight:** 0.011 kg

**Contact material:** Silver

**Switching system:** Slow-make switching element

**Operating force:** 2 N

**Terminal:** Ring cable lug screw terminal

**Mechanical lifetime:** 1 Mio. cycles of operation

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

#### AMBIENT CONDITION

**Climate resistance:** +25°C-97%RH / +45°C-93%RH (IEC-EN60068-2-30)

**IP Protection:** IP20

**Shock resistance:** 30g, 18ms (EN-IEC 60068-2-27)  
50g, 11ms (EN-IEC 60068-2-27)

**Operating temperature:** - 25 °C ... + 55 °C

**Vibration resistance:** 5g f= 2...500Hz (EN-IEC 60068-2-6)

**CERTIFICATE**

**Conformities:** CE

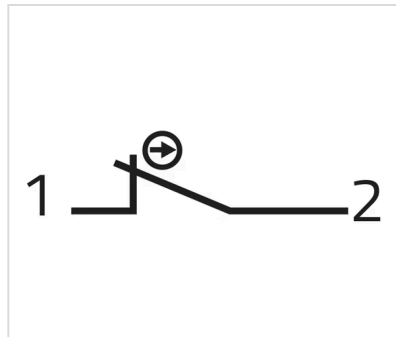
**Standards:** CSA C22-2, IEC EN 60947-1, IEC EN 60947-5-1, UL508

**OTHER**

**Short Description:** Switching element, Slow-make switching element, Silver, 1 NC, Ring cable lug screw terminal

**Material:** Plastic

**Wiring diagrams:**



**Dimension drawings:**

