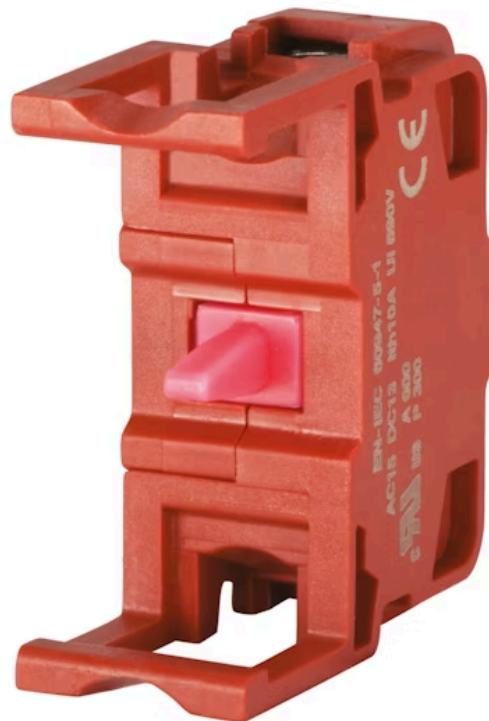


# Switching element

46-312.1X10

Distribution by  
DigiKey

**DigiKey**



<https://digikey.eao.com/p/46-312.1X10>

Your product:

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## 46-312.1X10 Switching element

### FRONT

**Colour:** Red

### ELECTRICAL CHARACTERISTICS

**Contacts:** 1 NC

**Pollution degree:** 3

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

**Insulation voltage:** U<sub>i</sub> 690V - U<sub>imp</sub> 4KV (IEC-EN60947-1)

**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

**Terminal:** Screw terminal

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

**Weight:** 0.01 kg

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

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

**Operating force:** 2 N

**Contact material:** Gold-plated silver

### AMBIENT CONDITION

**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)

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

**CERTIFICATE**

**Conformities:** CE

**Approbations:** CSA, EAC, UL

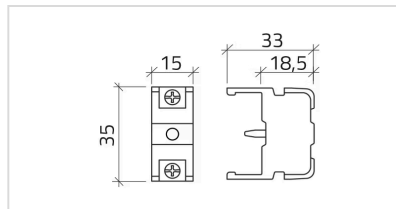
**Standards:** CSA C22-2, IEC EN 60947-1, IEC EN 60947-5-1, UL508

**OTHER**

**Short Description:** Switching element, Slow-make switching element, Gold-plated silver, 1 NC, Screw terminal

**Material:** Plastic

**Dimension drawings:**



**Wiring diagrams:**

