

# Switching element

46-311.1Z70

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## 46-311.1Z70 Switching element

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### FRONT

**Colour:** Green

### 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 NO

**Forward voltage:**

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

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

**Pollution degree:** 3

**Thermal current Ith:** 10 A (IEC-EN60947-1)

### MECHANICAL CHARACTERISTICS

**Terminal:** Ring cable lug 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

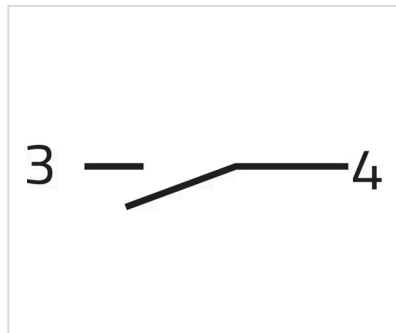
<b>IP Protection:</b>	IP20
<b>Operating temperature:</b>	- 25 °C ... + 55 °C
<b>Shock resistance:</b>	30g, 18ms (EN-IEC 60068-2-27) 50g, 11ms (EN-IEC 60068-2-27)
<b>Vibration resistance:</b>	5g f= 2...500Hz (EN-IEC 60068-2-6)
<b>Climate resistance:</b>	+25°C-97%RH / +45°C-93%RH (IEC-EN60068-2-30)

## CERTIFICATE

<b>Conformities:</b>	CE
<b>REACH:</b>	REACH compliant
<b>RoHS:</b>	RoHS compliant
<b>Standards:</b>	CSA C22-2, IEC EN 60947-1, IEC EN 60947-5-1, UL508

## OTHER

<b>Short Description:</b>	Switching element, Slow-make switching element, 600 V AC @ 1,2 A, Silver, 1 NO, Ring cable lug screw terminal
<b>Material:</b>	Plastic
<b>Wiring diagrams:</b>	



## Dimension drawings:

