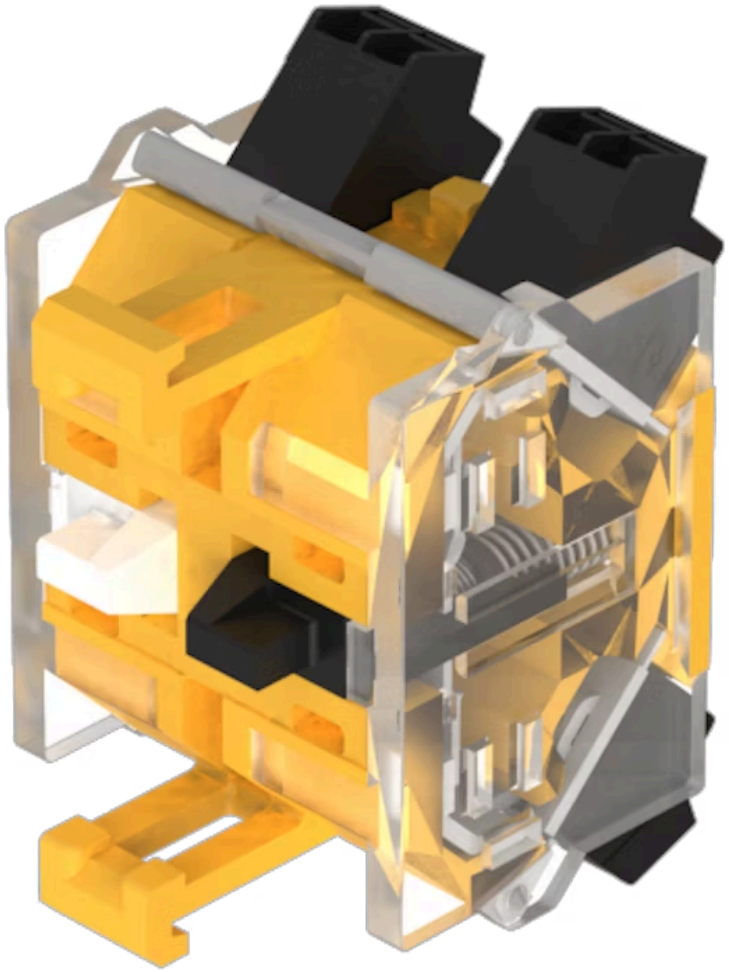
Your Expert Partner for **Human Machine Interfaces**

Switching element

704.907.4



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Your product:



704.907.4
Switching element

ELECTRICAL CHARACTERISTICS

Electrical lifetime:

50 000 cycles of operation

Recommended minimum operational data:

Gold-silver contacts	
Voltage	24 VDC
Current	5 mA
Hard silver contacts	
Voltage	24 VDC
Current	50 mA

Rated insulation voltage Ui:

500 V, according to DIN EN 60947-5-1

Contacts:

2 NC

Standards:

The switches comply with the “Standards for low-voltage switching devices” EN IEC 60947-5-1

Switching voltage and switching current:

Gemäss EN IEC 60947-5-1		
Spannung	DC13	AC15
24 V	2.5 A	0.6 A
48 V		0.6 A
60 V	0.8 A	
110 V	0.6 A	
120 V		0.6 A
230 V		0.6 A

Pollution degree:

3

Rated impulse withstand voltage Uimp:

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

Thermal current Ith:

6 A 10 A Max. zulässiger Strom bei Dauerbetrieb und Umgebungstemperaturen, welche die angegebenen max. Werte nicht überschreiten. 10 A Max. permissible current for continuous operation and ambient temperatures not exceeding the specified max. values.

MECHANICAL CHARATERISTIC

Weight:

0.028 kg

Switching system:

The double-break, snap-action switching element is equipped with one or two independent contact systems, acting as normally open or normally closed contact. The snap-action switching element is fitted with self-cleaning contacts.

Terminal:

Push-in terminal

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Wire cross section:

Max. wire cross-section 2 wires with 1 mm
Skinning wire 8 mm
Max. wire cross-section of stranded cable 2 x 0.75 mm^2
use stranded wires only with wire end ferrules of 8 mm length
Only one polarity is allowed on each side when wiring.

Contact material:

Gold

Operating force:

1 Normally closed 2 N, 1 Normally open 3 N

Switching system:

Snap-action switching element

AMBIENT CONDITION

Shock resistance:

300 m/s^2, pulse width 11 ms, (single impacts, semi-sinusoidal as per EN IEC 60068-2-27)

Vibration resistance:

Max. 100 m/s^2 from 10 Hz ... 500 Hz (sinusoidal DIN EN 60068-2-6 and EN 61373, increased broad band noise, class 1B)

Climate resistance:

Relative humidity, max. 95%, non-condensing

Storage temperature:

– 40 °C ... + 85 °C

Operating temperature:

– 40 °C ... + 55 °C

IP Protection:

IP20

CERTIFICATE

Approbations:

CB (IEC 60947-5-1), cULus, DNV, EAC, NFF, VDE

Conformities:

CE, CCC, UKCA

OTHER

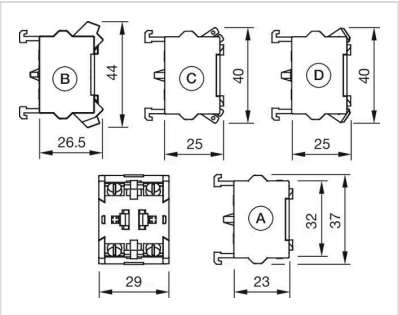
Short Description:

Switching element, Snap-action switching element, 250 V AC @ 6 A, Gold, 2 NC, Push-in terminal

Hints:

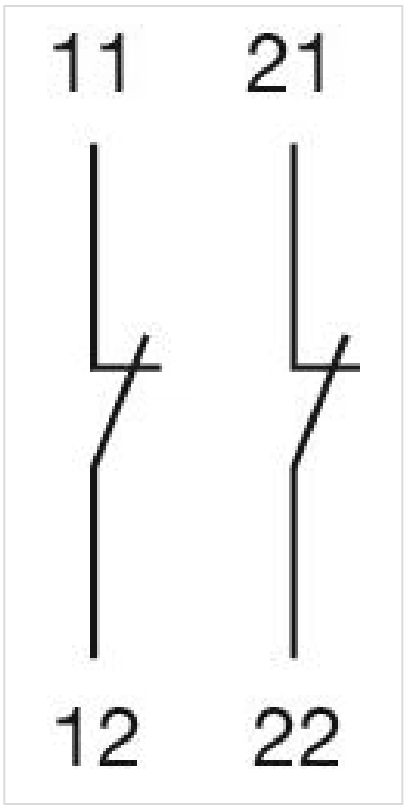
When using the switching element, the application guidelines must be observed.,For the third switching element the terminal marking insert is to be ordered separately,Operating temperature: Other temperatures on request

Dimension drawings:



Wiring diagrams:

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