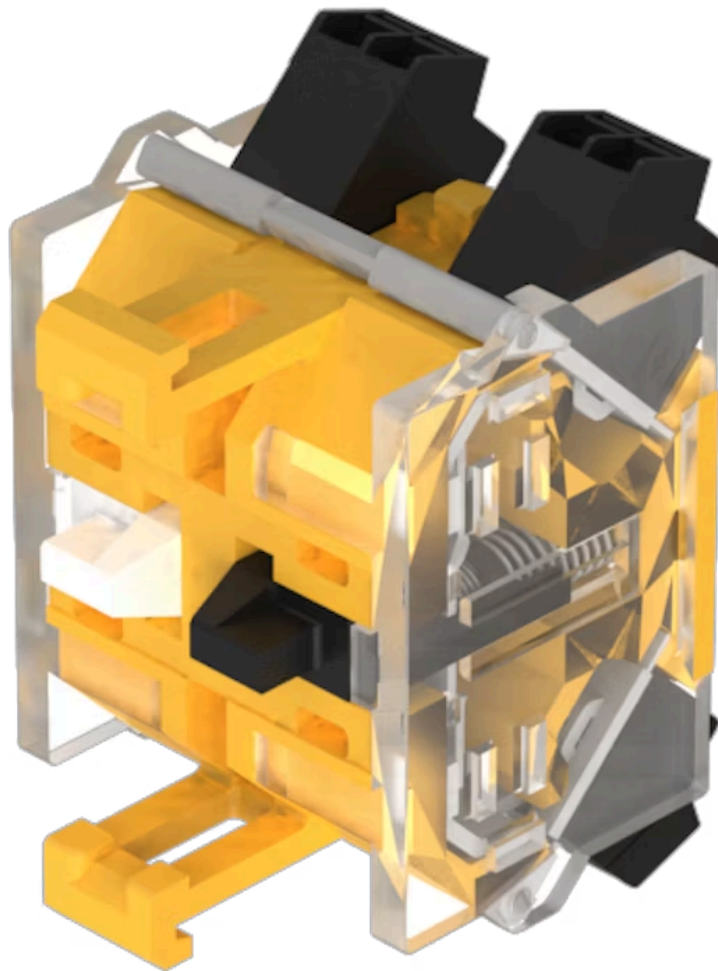


Switching element - discontinued item

704.908.4

Distribution by
Farnell



<https://farnell.eao.com/component/704.908.4/e...>

Your product:



704.908.4

Switching element - discontinued item

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PRODUCT RANGE

Product Status: Phase-out

successor product: <https://www.eao.com/c/704.908.4-1>

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	as per DIN EN IEC 60947-5-1		
	voltage	DC13	AC15
	24 V	2,5 A	
	60 V	0,8 A	
	110 V	0,6 A	
	120 V		4,5 A
	230 V	0,2 A	4,5 A
	400 V	0,15 A	4,0 A
	500 V	0,7 A	2,5 A
	as per UL 60947-5-1		
	voltage	power	
	24 VDC	2,5 A, Pilot duty	
	60 VDC	0,8 A, Pilot duty	
	120 VDC	0,6 A, Pilot duty	
	240 VDC	0,2 A, Pilot duty	
	415 VDC	0,15 A, Pilot duty	
	480 VDC	0,07A, Pilot duty	
	120 VAC	4,5 A, Pilot duty	
	240 VAC	4,5 A, Pilot duty	
	415 VAC	4,0 A, Pilot duty	
	480 VAC	2,5 A, Pilot duty	
Contacts:	2 NC		
Forward voltage:			
Rated impulse withstand voltage Uimp:	4 kV, according to EN/IEC 60947-5-1		
Rated insulation voltage Ui:	500 V		
Recommended minimum operational data:	Gold-silver contacts		
	Voltage	24 VDC	
	Current	5 mA	
	Hard silver contacts		
	Voltage	24 VDC	
	Current	50 mA	
Switching rating:	250 V AC @ 6 A		

Electrical lifetime:	50 000 cycles of operation
Pollution degree:	3
Standards:	The switches comply with the "Standards for low-voltage switching devices" EN IEC 60947-5-1
Thermal current I_{th}:	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 CHARACTERISTICS

Terminal:	Push-in terminal
Contact material:	Silver
Switching system:	Snap-action switching element
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.
Operating force:	1 Normally closed approx. 2 N, 1 Normally open approx. 3 N
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.
Weight:	0.026 kg

AMBIENT CONDITION

IP Protection:	IP20
Operating temperature:	– 40 °C ... + 55 °C
Storage temperature:	– 40 °C ... + 85 °C
Shock resistance:	300 m/s ² , pulse width 18 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

CERTIFICATE

Approbations:	CB (IEC 60947-5-1), cULus, DNV, EAC, NFF, VDE
Conformities:	CE, CCC, UKCA
REACH:	REACH compliant

RoHS:

RoHS compliant

OTHER

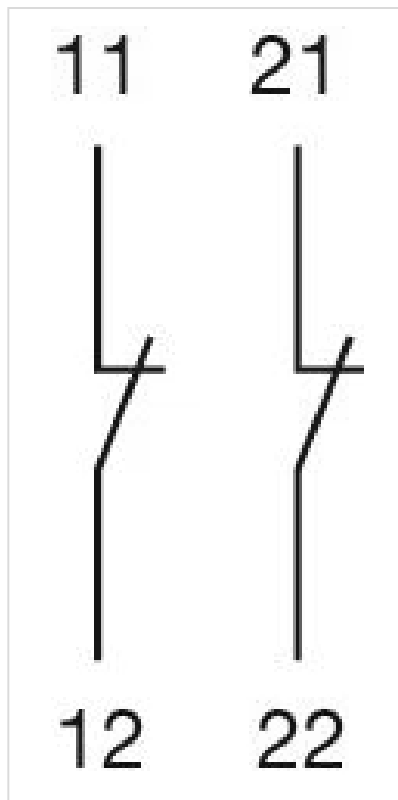
Short Description:

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

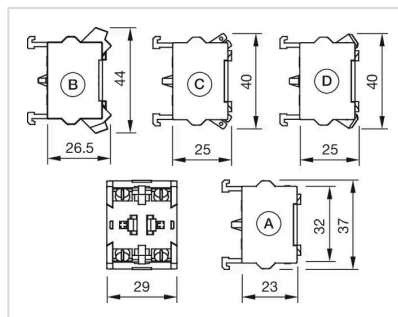
Hints:

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

Wiring diagrams:



Dimension drawings:



A = Screw terminal
B = Push-in terminal (PIT)
C = Plug-in terminal 6.3 mm x 0.8 mm
D = Double plug-in terminal 6.3 mm x 0.8 mm