

# Switching element - New Version

Distribution by  
Mouser



704.915.4FS-1



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## 704.915.4FS-1 Switching element - New Version

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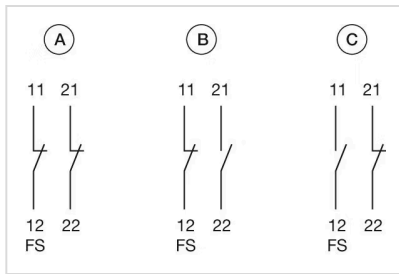
### ELECTRICAL CHARACTERISTICS

<b>Contacts:</b>	1 NC / 1 FS		
<b>Rated impulse withstand voltage Uimp:</b>	4 kV		
<b>Rated insulation voltage Ui:</b>	500 V		
<b>Recommended minimum operational data:</b>	Gold-silver contacts		
	Voltage	24 VDC	110 VDC
	Current	5 mA	2 mA
	Hard silver contacts		
Voltage	24 VDC	110 VDC	
Current	50 mA	10 mA	
<b>Switching rating:</b>	500 V AC @ 10 A		
<b>Electrical lifetime:</b>	50 000 cycles of operation (500 VAC, 10 A)		
<b>Pollution degree:</b>	3		
<b>Standards:</b>	The switches comply with the "Standards for low-voltage switching devices" DIN EN IEC UL 60947-5-1		
<b>Thermal current Ith:</b>	Max. current as per EN IEC 60947-5-1 10 A		

### MECHANICAL CHARACTERISTICS

<b>Terminal:</b>	Plug-in terminal, 6.3 x 0.8 mm
<b>Contact material:</b>	Silver
<b>Switching system:</b>	Slow-make switching element
<b>Switching system:</b>	The double-break, slow-make switching element is equipped with one or two independent contact systems, acting as normally open or normally closed contact. The normally closed contact has forced opening. Slow-make contacts with forced action are ideal for high switch ratings.
<b>Operating force:</b>	1 Normally closed approx. 2 N, 1 Normally open approx. 3 N
<b>Wire cross section:</b>	Plug-in terminal 1 x 6.3 mm x 0.8 mm or 2 x 2.8 mm x 0.8 mm For switches with plug-in terminals it is necessary to provide insulation sleeves and to maintain a spacing of 65 mm between rows (mounting cut-outs).





A = mounted, not actuated  
 B = mounted, actuated  
 C = not mounted, not actuated

**Dimension drawings:**

