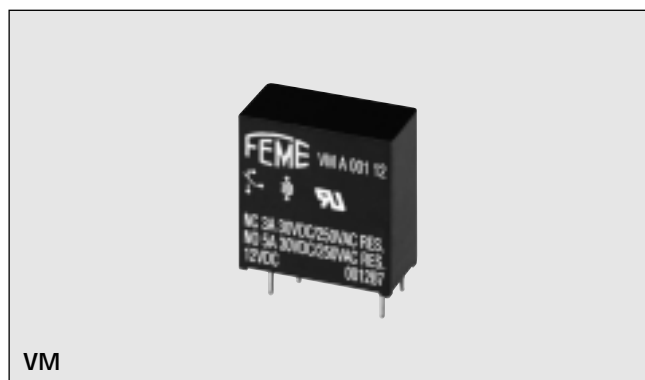


Subminiature Relays

Type VM

Monostable



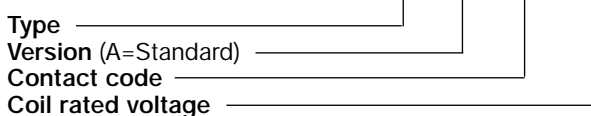
- Subminiature relay
- Switching capacity up to 5 A
- DC coils 5 to 48 VDC
- 1 normally open and 1 change over contact
- General purpose, industrial electronics
- Sealed as standard
- UL, cUL approved

Product Description

Sealed according to IP 67, suitable for automatic soldering and immersion or spray washing. Low cost miniature VM series relay, suitable for many applications of industrial controls, as timers, alarms energy saving devices, motors etc.

Ordering Key

VM A 001 12



Type Selection

Contact configuration	Contact rating	Contact code
1 change over contact (SPDT {1-form C})	5 A	001

Coil Characteristics, DC (20°C)

Rated voltage VDC	Winding Resistance $\Omega \pm 10\%$	Operating range		Drop-out voltage VDC
		Pick-up voltage VDC	Max. VDC	
5	69	3.5	130% of rated voltage	0.25
6	100	4.2		0.30
9	225	6.3		0.45
12	400	8.4		0.60
18	900	12.6		0.90
24	1600	16.8		1.20
48	6400	33.6		2.40

Contact Characteristics

Rating	5 A
Material (standard version)	Silver alloy
Initial contact resistance	100 m Ω (6VDC-1A)
Current	
Rated current with res. load	5 A
Rated current (cos ϕ = 0.4)	2.5 A
Min. switching current	100 mA
Initial contact resistance	100 m Ω (1A - 6VDC)
Voltage	
Rated voltage	250 VAC / 30VDC
Max. switching power (cos ϕ =1)	1250 VA / 150 W
Max. switching power (cos ϕ =0.4)	625 VA / 75 W
Min. switching power with resistive load (typical value)	100 mA at 5 VDC
Life	
Electrical life	10 ⁵ cycles 1 x 10 ⁷ cycles
Mechanical life	

