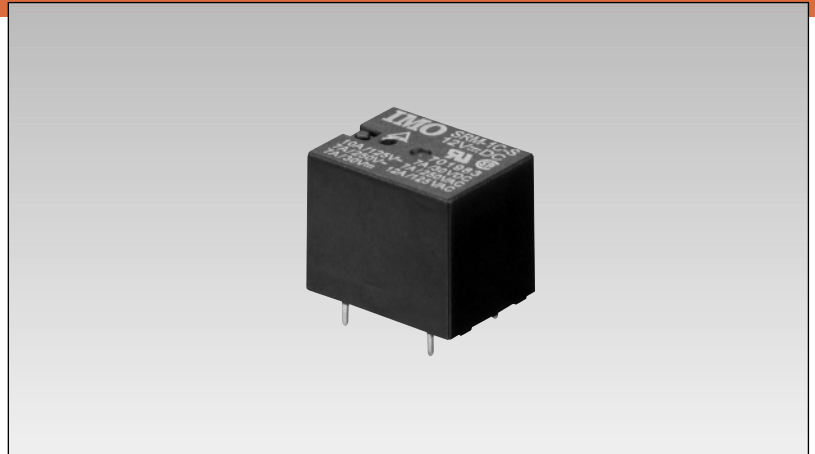
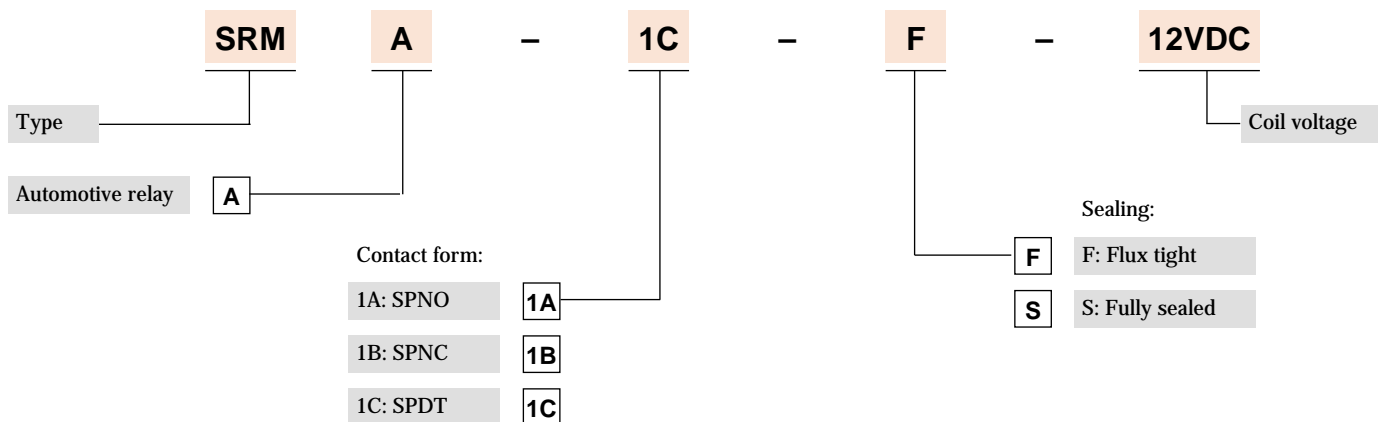


- Low profile, light weight
- Flux tight or fully sealed versions available
- TV-5 rating available
- UL/CSA/TUV recognised



Options and ordering codes



Contact rating

Contact form	1A (SPNO)	1B, 1C	1C (SRMA type)
Maximum switching power	1750VA/210W		210W
Maximum switching voltage	250VAC/30VDC		30VDC
Maximum switching/carry current	12A		15A
TV rating	TV-5	-	-

UL, CSA and TUV safety approval ratings available on request
 VDE version available on request

Specifications

Contact material		AgSnInO
Initial contact resistance		50mΩ Max 100mΩ Max for SRMA
Operate time		15ms Max (at rated voltage)
Release time		5ms Max (at rated voltage) 10ms Max for SRMA
Nominal operating power		Approx. 360mW Approx. 640mW for SRMA
Insulation resistance		100MΩ at 500VDC
Breakdown voltage	Between coil and contacts	1500VAC (for 1 minute)
	Between open contacts	500VAC (for 1 minute)
Vibration resistance	Operating extremes	10~50Hz, amplitude 1.5mm
	Damage limits	10~50Hz, amplitude 1.5mm
Shock resistance	Operating extremes	10G
	Damage limits	100G
Ambient temperature		-30~+60°C -40~+85°C for SRMA
Life expectancy	Mechanical	10 x 10 ⁸ operations (frequency 18,000 operations/hour)
	Electrical (at max load)	1 x 10 ⁸ operations (frequency 1,200 operations/hour)
Weight		10g

Coil specification SRM

Rated voltage	Rated Current \pm 10% at 25°C (mA)	Coil Resistance \pm 10% at 25°C (Ω)	Max continuous voltage at 25°C	Pick up voltage (Max) at 25°C	Drop out voltage (Min) at 25°C	Power consumption at rated load
3	120	25	130% of rated voltage	75% of rated voltage	10% of rated voltage	Approx. 360mW
5	73	69				
6	60	100				
9	40	225				
12	30	400				
24	15	1600				
48	7.5	6400				

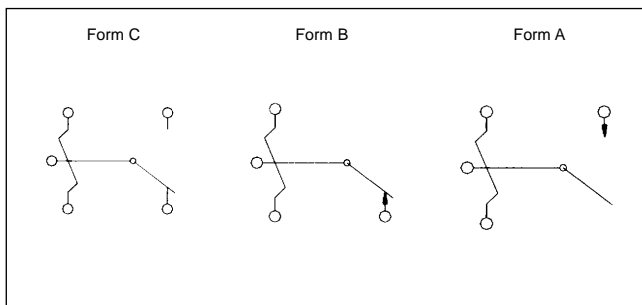
Coil specification SRMA

Rated voltage	Rated Current \pm 10% at 25°C (mA)	Coil Resistance \pm 10% at 25°C (Ω)	Max continuous voltage at 25°C	Pick up voltage (Max) at 25°C	Drop out voltage (Min) at 25°C	Power consumption at rated load
9	71.4	126	120% of rated voltage	65% of rated voltage	5% of rated voltage	Approx. 640mW
12	53.5	225				
24	26.7	900				

Dimensions mm



Wiring diagram



PCB layout

