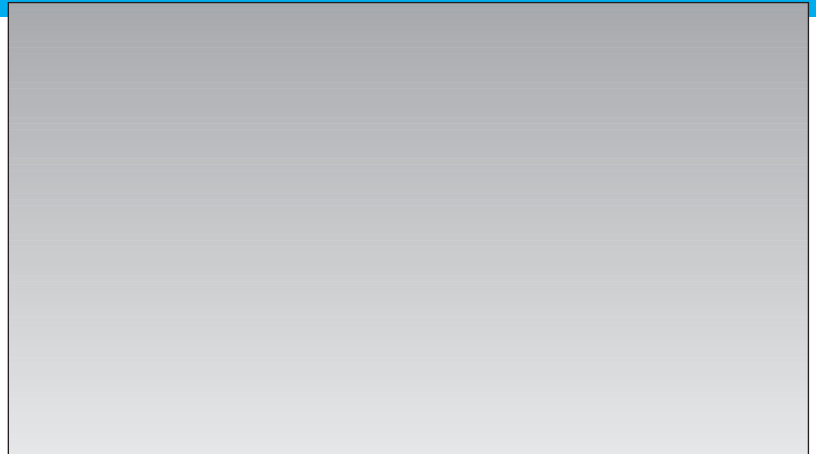
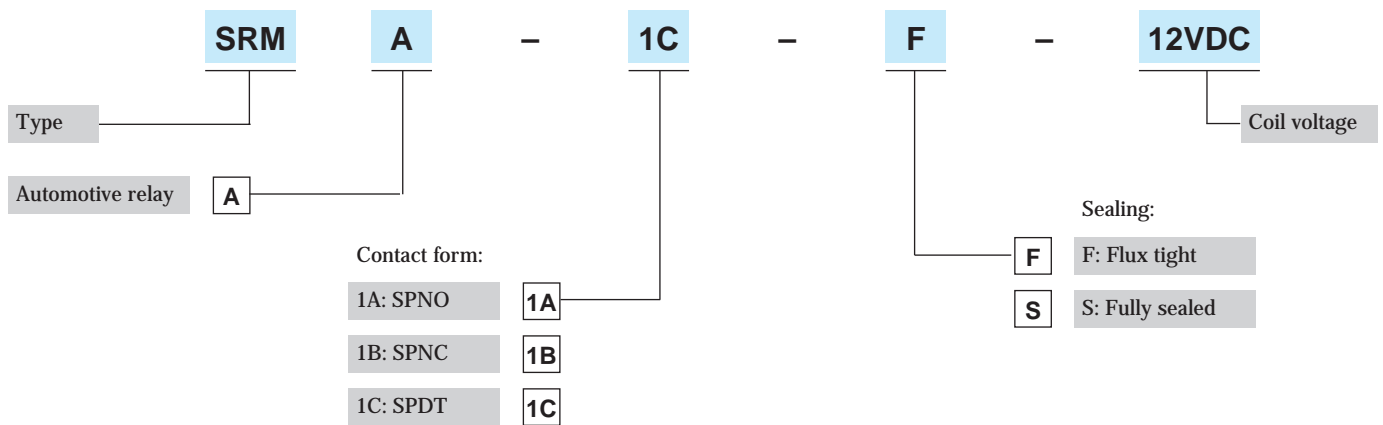


- Low profile, light weight
- Flux tight or fully sealed versions available
- TV-5 rating available
- UL/CSA/TUV recognised



## 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

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

## Coil specification SRM

Rated voltage	Rated Current $\pm$ 10% at 25°C (mA)	Coil Resistance $\pm$ 10% at 25°C ( $\Omega$ )	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				

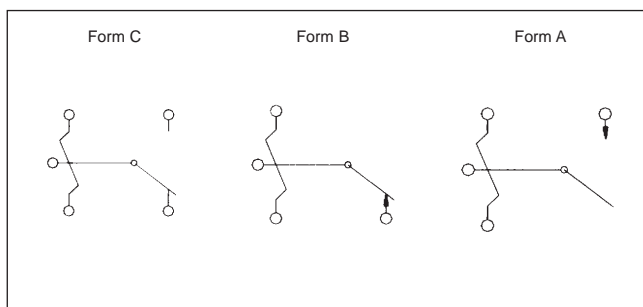
## Coil specification SRMA

Rated voltage	Rated Current $\pm$ 10% at 25°C (mA)	Coil Resistance $\pm$ 10% at 25°C ( $\Omega$ )	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

