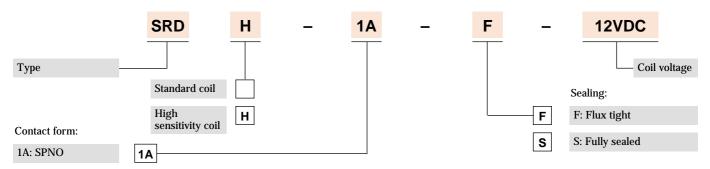
- Class B insulation approved as standard
- Flux tight or fully sealed versions available
- TV-5 rating
- UL/CSA/TUV recognised



### Options and ordering codes



### **Contact rating**

Туре	SRD SRDH				
Contact form	1A (SPNO)				
Maximum switching power	1920VA (2400VA)*/240W (300W)*	1920VA/240W			
Maximum switching voltage	250VAC/30VDC				
Maximum switching/carry current	10A	8A			
TV rating	TV-5	-			

UL, CSA and TUV safety approval ratings available on request.

### **Specifications**

Contact material		Ag SnInO		
Initial contact resistance		100mΩ Max		
Operate time		10ms Max. (at rated voltage)		
Release time		Standard 5ms Max. (at rated voltage), High sensitivity 7ms		
Nominal operating power		Standard approx. 450mW, High sensitivity approx. 200mW		
Insulation resistance		100MΩ at 500VDC		
Breakdown voltage	Between coil and contacts	2500VAC (for 1 minute)		
	Between open contacts	Standard 1000VAC (for 1 minute), High sensitivity 750VAC (for 1 minute)		
Vibration resistance	Operating extremes	10~50Hz, amplitude 1.0mm		
	Damage limits	10~50Hz, amplitude 1.0mm		
Shock resistance Operating extremes		10G		
	Damage limits	100G		
Ambient temperature		Standard -30~+60°C, High sensitivity -30~+80°C		
Life expectancy	Mechanical	10 x 10 <sup>6</sup> operations (frequency 18,000 operations/hour)		
	Electrical (at max load)	1 x 10 <sup>5</sup> operations (frequency 1,200 operations/hour)		
Weight		6g		

<sup>\*</sup>Ratings for 30k ops



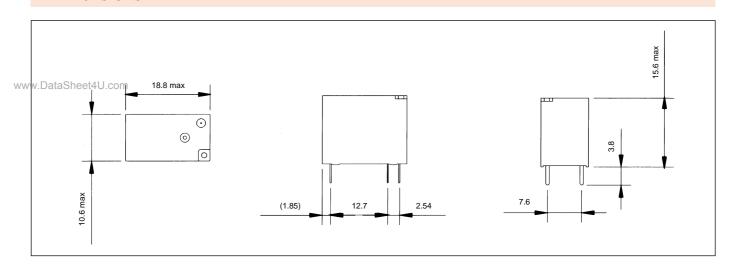
## Coil specification

Rated voltage	Rated Current ± 10% at 25°C (mA)	Coil Resistance ± 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	150	20				
5	90.9	55				
6	75	80	130%	75%	5%	
9	50	180	of rated	of rated	of rated	Approx. 450mW
12	37.5	320	voltage	voltage	voltage	
18	25	720				
24	18.8	1280				

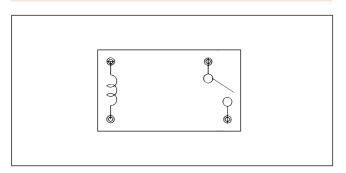
# Coil specification SRDH high sensitivity coil

Rated voltage	Rated Current ± 10% at 25°C (mA)	Coil Resistance ± 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	66.7	45				
5	40.0	125				
6	33.3	180	130%	75%	5%	
9	22.2	405	of rated	of rated	of rated	Approx. 200mW
12	16.7	720	voltage	voltage	voltage	
18	11.1	1620				
24	8.3	2880				

#### Dimensions mm



## Wiring diagram



## PCB layout

