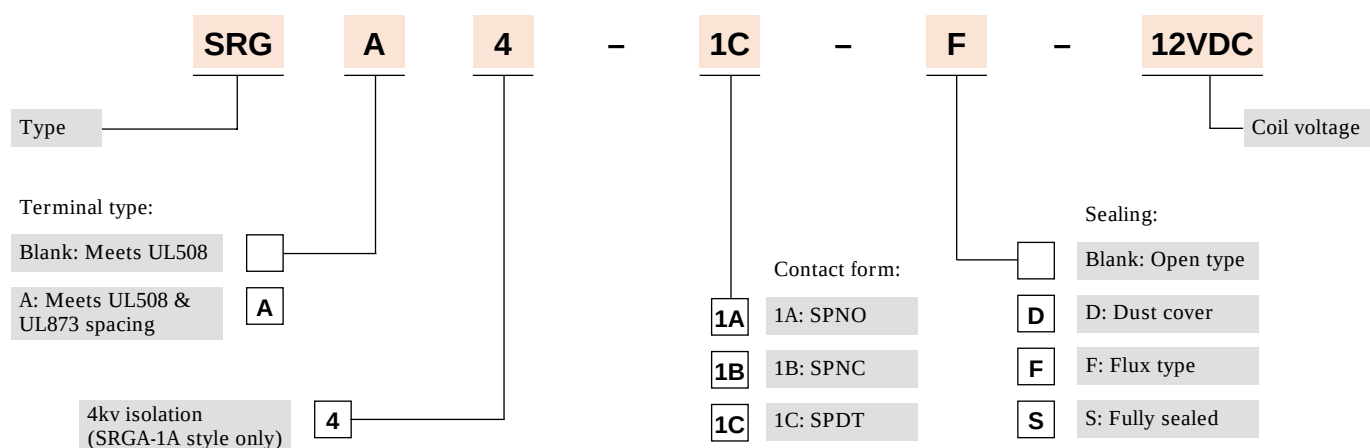


- Meets UL508 and UL873 spacing
- Up to 30A switching in SPNO and 20A switching in SPDT arrangement
- Open type, dust, flux and fully sealed version available
- UL, CSA and VDE recognised



Options and ordering codes



Contact rating

Contact form	1A (SPNO)	1B (SPNC)	1C (SPDT)	
			NO	NC
Maximum switching power	7500VA / 600W	3750VA / 300W	5000VA / 600W	2500VA / 300W
Maximum switching voltage	250VAC / 30VDC			
Maximum switching/carry current	30A	15A	20A	10A

UL, CSA and VDE safety approval ratings available on request

Specifications

Contact material		AgSnInO
Initial contact resistance		50mΩ Max
Operate time		15ms Max. (at rated voltage)
Release time		10ms Max. (at rated voltage)
Nominal operating power		Approx. 930mW
Insulation resistance		100MΩ at 500VDC
Breakdown voltage	Between coil and contacts	SRG-1500Vrms, SRGA-2500Vrms, SRGA4-4000Vrms
	Between open contacts	1500Vrms
Vibration resistance	Operating extremes	10~55Hz, amplitude 1.5mm
	Damage limits	10~55Hz, amplitude 1.5mm
Shock resistance	Operating extremes	10G
	Damage limits	20G
Ambient temperature		-55~+85°C
Life expectancy	Mechanical	10 x 10 ⁶ operations (frequency 18,000 operations/hour)
	Electrical (at max load)	1 x 10 ⁵ operations (frequency 1,200 operations/hour)
Weight		27g

Coil specification

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
5	185	27	130% of rated voltage	75% of rated voltage	10% of rated voltage	Approx. 930mW
6	150	40				
9	93	97				
12	77	155				
24	36	660				
48	18	2560				

Outline dimensions (mm)

SRG open type

24.1 max

29.0 max

17.3 max

3.3±0.5

0.8x1.6 terminals

0.64x0.64 terminals

1.1x1.1 terminals

SRG dust, flux tight, sealed

27.5 max

17.6

12.8

32.2 max

20.0

24.8

20.4 max

3.3±0.5

4.8

0.8x1.6 terminals

0.64x0.64 terminals

1.1x1.1 terminals

2.5

SRGA open type

Technical drawings of the SRGA open type component showing three views with dimensions:

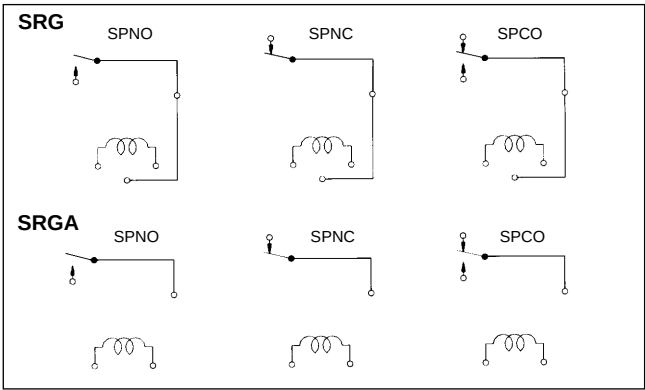
- Front View:** Width 24.1 max, Height 29.0 max.
- Top View:** Width 17.3 max, Depth 3.3±0.5.
- Side View:** Shows terminals with dimensions 0.8x1.6, 0.64x0.64, and 1.1x1.1.

SRGA dust, flux tight, sealed

Technical drawings of the SRGA dust, flux tight, sealed component showing three views with dimensions:

- Front View:** Width 27.5 max, Height 12.8, Total Height 32.2 max, Bottom Width 20.0, and Base Width 24.8.
- Top View:** Width 20.4 max, Depth 3.3±0.5.
- Side View:** Shows terminals with dimensions 4.8, 0.8x1.6, 0.64x0.64, 1.1x1.1, and 2.5.

Wiring diagram



PCB layout

