

**SINETONG INTERNATIONAL(SINGAPORE)PTE.,LTD.**



# GP

(29.0\*12.6\*20.6)mm

**QUICK DETAILS**

Brand Name: SINETONG  
Model Number:GP  
Size:Miniature

Contact Load: High Power  
Theory: Electromagnetic Relay

**PRODUCT ADVANTAGE**

- 1.small volume, high density PC board installation
- 2.Switching current 10A-16A
- 3.Two groups of conversion can be up to 5A

**ORDER INFORMATION**

**GP -- 24VDC -- 1A -- 54**

1      2      3      4

1.Model:GP

2.Coil Voltage:5, 6, 9, 12, 24, 48VDC

3.Contact Form:1C:A group of conversion

1A:A group of NO

2C:Two group of conversion

2A:Two group of NO

4.Coil Power: 54:0.54W;    72:0.72W

## **CONTACT DATA**

Contact Form	1A:A group of NO      2A:Two group of NO 1C:A group of conversion      2C:Two group of conversion			
Contact Material	AgCdO    AgSnO <sub>2</sub>			
Contact Load	Contact Form	1A, 1C	1A, 1C	2A, 2C
	Impedance	16A/250VAC,30VDC 1A: 20A/125VAC	10A/250VAC, 30VDC	5A/250VAC, 30VDC
	Perceptual	8A/250VAC,30VDC	7.5A/250VAC 5A/30VDC	2A/250VAC, 3A/30VDC
Max Switching Power	Impedance	480W 4000VA	300W2500VA	150W 1250VA
	Perceptual	240W 2000VA	150W 1875VA	90W 500VA
Max Switching Voltage	30VDC 250VAC      Max Switching Current:20A			
Contact Resistance	≤100mΩ			
Electrical Life	10 <sup>5</sup>			
Mechanical Life	10 <sup>7</sup>			

## **COIL DATA**

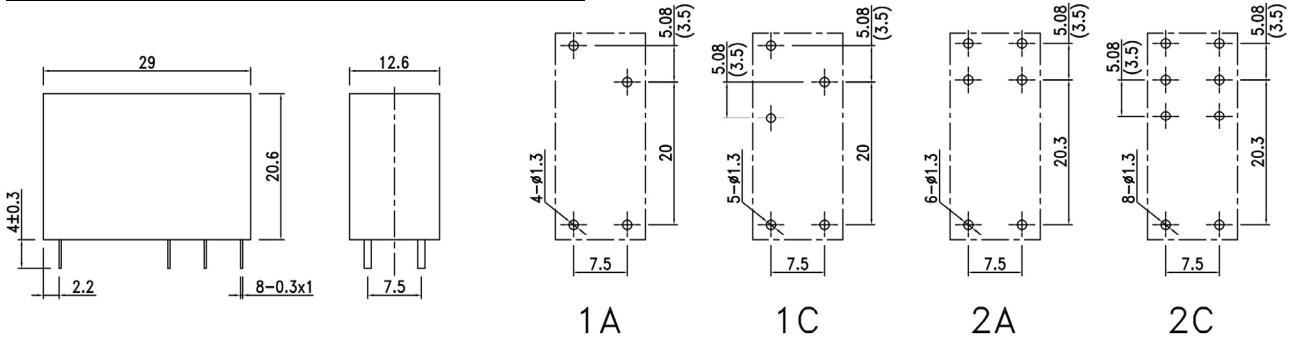
Rated Coil Voltage VDC	Max Coil Voltage VDC	Pick-up Voltage VDC (Max.)	Drop-out voltage VDC (Min.)	Coil Resistance Ω±10%	Coil power
5	6.5	4.0	0.25	47 / 36	0.54 / 0.72(w)
6	7.8	4.8	0.30	68 / 50	
9	11.7	7.2	0.45	155 / 115	
12	15.6	9.6	0.60	270 / 200	
24	31.2	19.2	1.20	1100 / 820	
48	62.4	38.4	2.40	4400 / 3300	

## **GENERAL DATA**

Insulation Resistance	Min 100MΩ (500VDC)
Dielectric Strength	Disconnect Between Contact:50Hz 1200V
	Between Coil & Contacts : 50Hz 5000V
Operation Time	≤15ms
Release Time	≤5ms
Impact Resistance	100m/s <sup>2</sup> 11ms

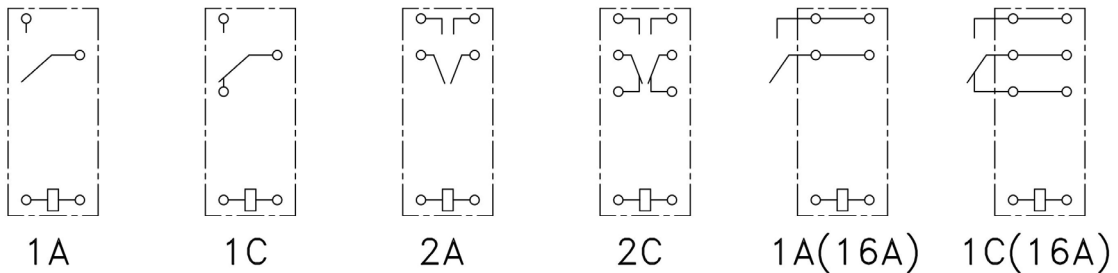
Anti Vibration Type	10Hz~500Hz Double Amplitude 1.5mm
Ambient Temperature	0.54W:-30°C~70°C 0.72W:-30°C~55°C
Relative Humidity	85% (at 40°C)
Weight	13.0g

### OUTLINE DIMENSION (unit:mm)



Outline Dimension

Installation size chart  
(At the bottom of the view)



The wiring diagram (At the bottom of the view)

### Reference Data

