

SINETONG INTERNATIONAL(SINGAPORE)PTE.,LTD.



(29.0*12.6*20.6)mm

GP

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 -- 12VDC -- 2C -- 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 ₂ | | | |
| 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 ⁵ | | | |
| Mechanical Life | 10 ⁷ | | | |

COIL DATA

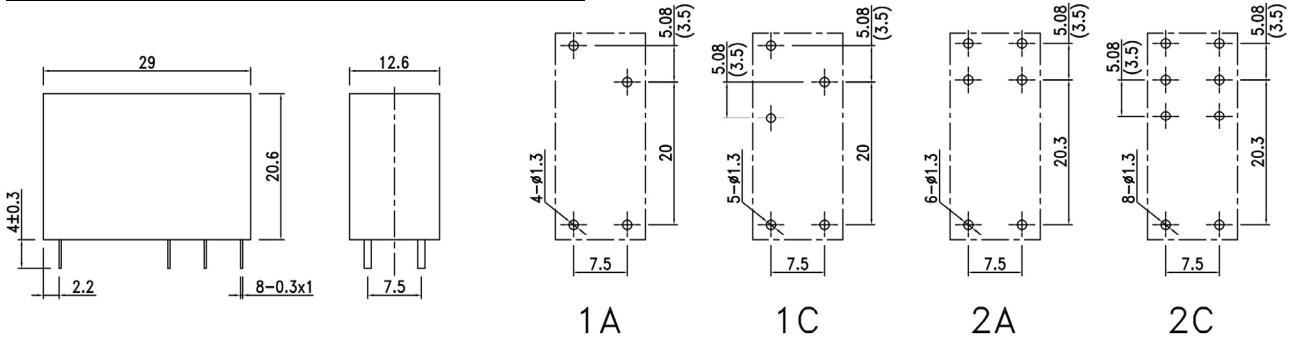
| Rated Coil Voltage VDC | Max Coil Voltage VDC | Pick-up Voltage VDC (Max.) | Drop-out voltage VDC (Min.) | Coil Resistance Ω±10% | Coil power |
|------------------------|----------------------|----------------------------|-----------------------------|-----------------------|-------------------|
| 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 ² 11ms |

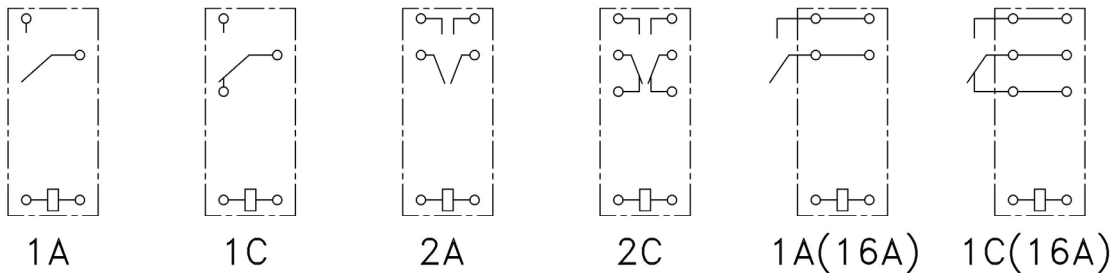
| | |
|---------------------|-----------------------------------|
| Anti Vibration Type | 10Hz~500Hz Double Amplitude 1.5mm |
| Ambient Temperature | 0.54W:-30°C~70°C 0.72W:-30°C~55°C |
| Relative Humidity | 85% (at 40°C) |
| Weight | 13.0g |

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

