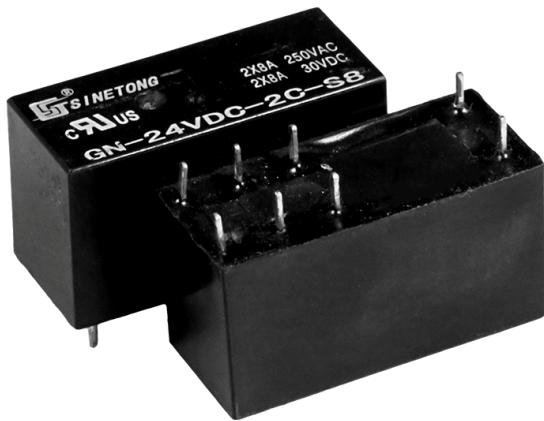


SINETONG INTERNATIONAL(SINGAPORE)PTE.,LTD.



GN

(29.0*12.7*15.7) mm

QUICK DETAILS

Low power consumption :400mW

Max.16A switching capacity

Miniature, height 15.7mm

Fit for home appliance control, communication devices, RF control, instruments, etc

Environmental friendly product

ORDER INFORMATION

GN - - 24VDC - 2C - S - 8

1 2 3 4 5 6

- 1、 Model No: GN
- 2、 Terminal Distance: S: Ter.Distance 3.5mm; Nil: Ter.Distance 5mm
- 3、 Rated Coil Voltage: 5, 6, 9, 12, 18, 24, 48, 60(VDC)
- 4、 Contact Form: 1A, 1B, 1C, 2A, 2B, 2C
- 5、 Enclosure: S: Sealed type; Nil: Flux-tight type
- 6、 Contact Load Capacity: 8:8A; 12:12A; 16:16A

COIL DATA(20℃)

Rated Coil Voltage (VDC)	Coil Voltage Max.	Pick up ($\leq$ VDC)	Drop out ($\geq$ VDC)	Coil Resistance ($1\pm 10\%$) Ω	Power (W)	Operate Time (ms)	Release Time (ms)
5	6.5	3.5	0.5	62	0.40	≤ 15	≤ 8
6	7.8	4.2	0.6	90			
9	11.7	6.3	0.9	202			
12	15.6	8.4	1.2	360			
18	23.4	12.6	1.8	810			
24	31.2	16.8	2.4	1440			
48	62.4	33.6	4.8	5760			
60	78.0	42.0	6.0	7500			

CAUTION: 1). If the working coil voltage is less than rated, it will compromise the operation of the relay.

2). Operating and release voltages are for testing purpose only, not to be used as design criteria

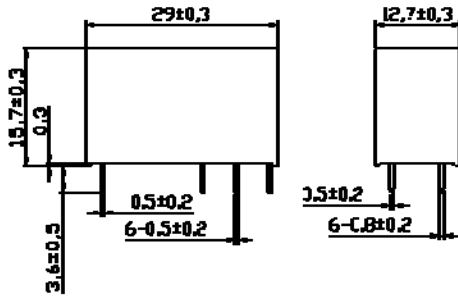
CONTACT DATA

Contact Form	1A,1B,1C; 2A,2B,2C	
Contact Material	AgNi AgSnO ₂	
Contact Load Capacity	12A,16A/250VAC; 2*8A/250VAC; 1/2HP 250VAC	
Switching Power Max.	480W 4000VA	
Switching Voltage Max.	125VDC 440VAC	
Switching Current Max.	16A	
Contact Resistance	$\leq 100\text{m}\Omega$ (1A 6VDC)	
Life expectancy	Electrical	10^5
	Machanical	10^7

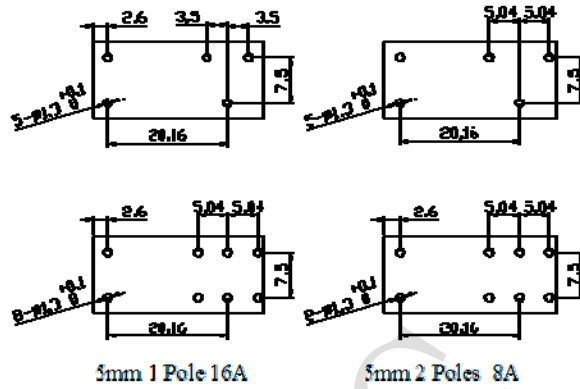
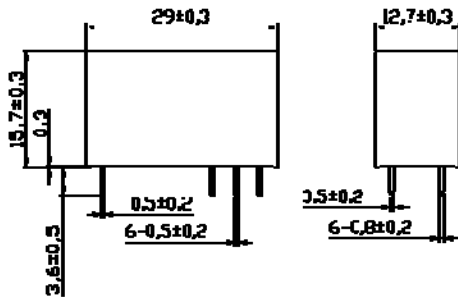
GENERAL DATA

Insulation Resistance	Min.1000M Ω (500VDC)	IEC 255-5
Dielectric Strength		
Between contacts	50Hz 1000VAC 1min	IEC 255-5
Between contact groups	50Hz 2500VAC 1min	IEC 255-5
Between contacts and coil	50Hz 5000VAC 1min	IEC 255-5
Shock Resistance	98m/s ² 11ms	IEC 68-2-27 test Ea
Vibration Resistance	10Hz~150Hz 10g/5g	IEC 68-2-6 test Fc
Leading-out Terminal Strength	10N	IEC 68-2-21 test Ua1
Weldability	(235 $\pm$ 2) $^{\circ}$ C , (3 $\pm$ 0.5)s	IEC 68-2-20 test Ta way 1
Ambient Temperature	- 40 $^{\circ}$ C ~85 $^{\circ}$ C	
Relative Humidity	85% (40 $^{\circ}$ C)	IEC 68-2-3 test Ca
Weight	13.5g	

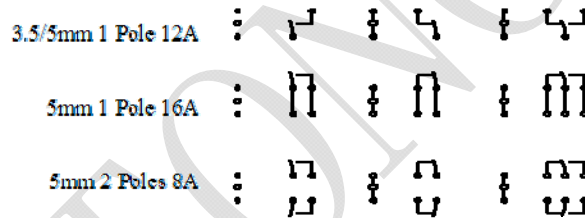
Installation Diagram



Ter.Distance: 3.5mm

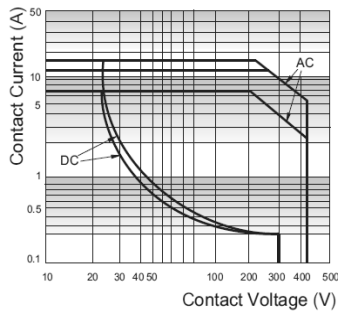


Wiring Diagram (Bottom View)

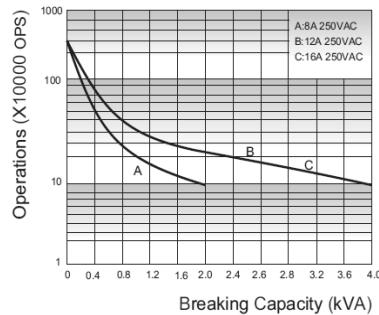


Performance Chart

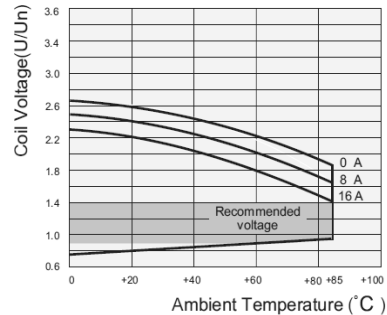
MAXIMUM SWITCHING POWER



ENDURANCE CURVE



COIL OPERATING RANGE (DC)



Note: All specifications are for customers' reference only. Please contact us for any special requirements.