



NNC67G

Miniature High Power Relay

Features:

- Miniature,PCB terminals
- Quick-connect terminals
- Switching capability up to 40A
- AC/DC coil relay
- RoHS compliance
- UL:E235027
- CE:5398090516



ORDERING INFORMATION

1.NNC67G series: NNC67G(L) series: NNC67G(2) series:	NNC67G	-1	Z	30A	DC12V	***
2.Number of Poles: 1: 1pole						
3.Contact Form: Z=C(CO); H=A(NO); D=B(NC)						
4.Rated Contact Load : 30A; 40A						
5.Coil Voltage: DC3V-110V; AC6V-240V						
6.Special Code: ***: Customer Special Requirement; Blank: Standard						

PRODUCT CROSS REFERENCE

CLION	Universal	HONGFA	FORWARD
NNC67G	T92	HF105F-4	NT90TP

SPECIFICATIONS

CONTACT DATA

Contact form	1Z(SPDT); 1H(SPST-NO); 1D(SPST-NC)	
Contact rating(Resistance load)	30A	40A
Max.switching voltage	277VAC/30VDC	
Max.switching current	30A	40A
Contact resistance	100mΩ max.(at 6VDC 1A)	
Contact material	Ag Alloy(AgSnO ₂ ; AgCdO)	
Mechanical endurance	1×10 ⁷ operations min.	
Electrical endurance	1×10 ⁵ operations min.	

COIL DATA

Nominal coil voltage (VDC)	Nominal current (mA) ±10%	Coil resistance (Ω) ±10%	Operating voltage (VDC) max.	Release voltage (VDC) min.
3	310	10	2.25	0.3
5	186	27	3.75	0.5
6	155	39	4.5	0.6
9	103	87	6.75	0.9
12	77.5	155	9	1.2
24	39	619	18	2.4
36	26	1394	27	3.6
48	19	2477	36	4.8
110	8.46	13000	82.5	11
Coil power consumption		0.93W		

COIL DATA

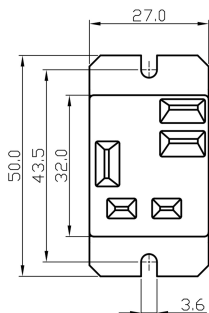
Nominal coil voltage (VAC)	Nominal current (mA) $\pm 10\%$	Coil resistance (Ω) $\pm 10\%$	Operating voltage (VAC) max.	Release voltage (VAC) min.
12	125	33.6	9.6	3.6
24	63	135	19.2	7.2
48	31	538	38.4	14.4
110	14	2820	88	33
220	7	11300	176	66
240	6	13440	192	72
Coil power consumption		1.5VA		

CHARACTERISTICS

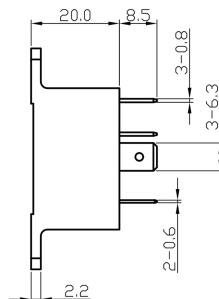
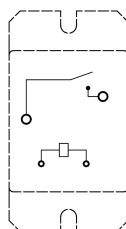
Operate time(at rated voltage)		15ms max. DC type
Release time(at rated voltage)		10ms max. DC type
Operate voltage		75% of nominal voltage max. DC type
		80% of nominal voltage max. AC type
Release voltage		10% of nominal voltage min. DC type
		30% of nominal voltage min. AC type
Insulation resistance		100M Ω min.(at 500VDC)
Dielectric	Between coil and contacts	2500VAC for 1min
Strength	Between open contacts of same pole	1800VAC for 1min
Shock	Destruction	300m/s ² (approx.30G)
Resistance	Malfunction	100m/s ² (approx.10G)
Vibration	Destruction	10 ~ 50HZ,0.75mm double amplitude
Resistance	Malfunction	10 ~ 50HZ,0.75mm double amplitude
Ambient temperature		-55°C ~ 70°C
Ambient humidity		35% ~ 80%RH
Weight		approx.29g

APPEARANCE(DIMENSIONS)/ WIRING DIAGRAM(Unit: mm)

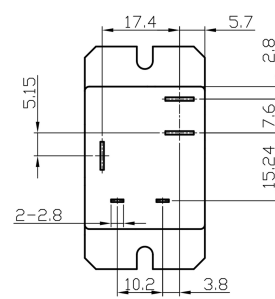
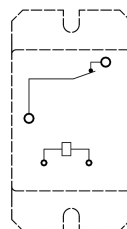
● NNC67G(L)



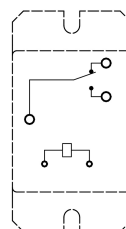
1H



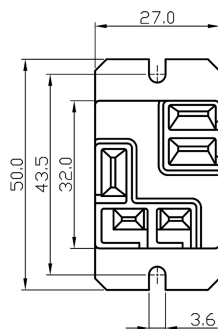
1D



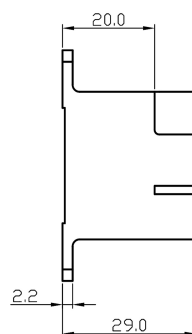
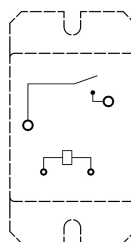
1Z



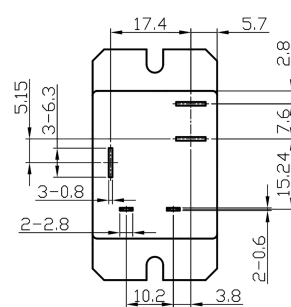
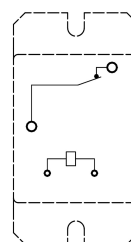
● NNC67G



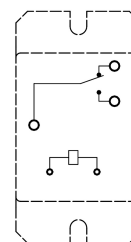
1H



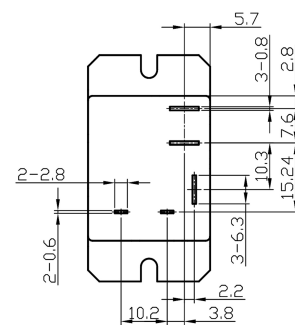
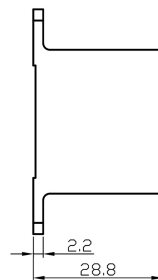
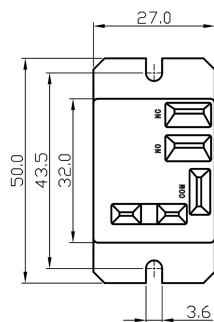
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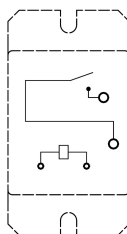
1Z



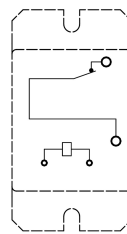
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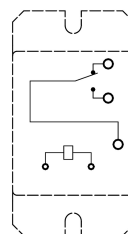
1H



1D



1Z



PACKING INFORMATION

Items	NNC67G
Inner package	Plastic tube
Inner packing QTY(PCS)	8
Outer packing QTY(PCS)	400
Outer packing Dimensions(mm)	420×310×200
Net weight(KG)	12
Gross weight(KG)	14