

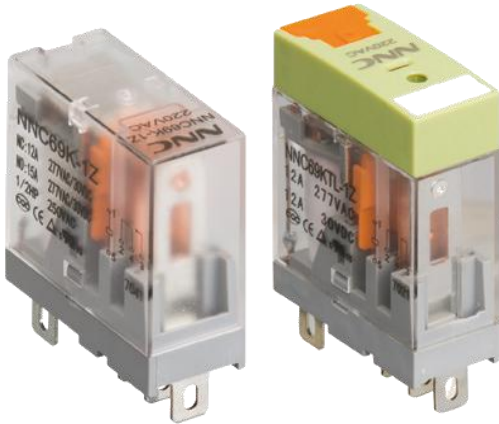


Industrial & Electrical Components

General Purpose Power Relay

Part No.

NNC69K(TLX)-1Z



- 12A contact switching capacity
- Available with detachable point or self-locking self-locking type test function
- Available with Led indicator or mechanical indicating window
- Application Field: Various industrial control circuits

CONTACT

Arrangement	1A/1B/1C
Contact Material	Silver alloy
Contact Resistive (6VDC, 1A)	Max.: 100 mΩ
Rating : (Resistive)	NC-12A 277VAC/30VDC
Resistive load (cosφ=1)	NO-15A 277VAC/30VDC 1/2HP 250VAC (Motor load)
Max. Switching Voltage	277VAC/30VDC
Atmospheric pressure	86-106KPa
Expected life	
Mechanical life	1×10 ⁷ (300cycle/min)
Electrical life	1×10 ⁵ (On 1S/off 1S)

CHARACTERISTICS

Operate Time	20msec. Max.
Release Time	10msec. Max.
Dielectric Strengths(Leak Current 1mA)	
Between Coil & Contact	5000VAC for 1 min.
Between Contacts	1000VAC for 1 min.
Insulation Resistance	
	Between Contacts:100 mΩ
	Between Coil To Contacts:100 mΩ
Shock: Endurance	10G
	Damage 100G
Vibration Endurance	10 to 55Hz, 1.5mm D.A.
	Damage 10 to 55Hz, 1.5mm D.A.
Ambient temperature	-55°C ~ +70°C
Unit weight	20g

ORDERING INFORMATION

e.g

NNC69KTLX - 1C - 12VDC

①

②

③

① Part No.: T=Test Button

L = LED indication

X=with diode

② Contact arrangement:

1C=1C/O, 1A=1NO

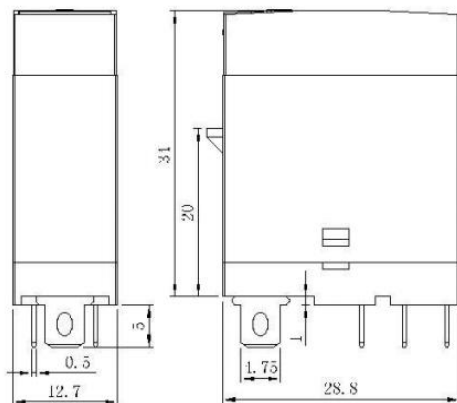
③ Coil Voltage: DC12V=12VDC

COIL DATA (at 20°C)

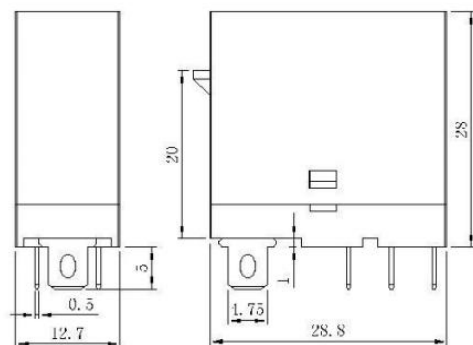
Rated Voltage	Pick-up Voltage	Drop-out Voltage	Coil Resistance	Nominal operating Power	Max.Allowable Voltage
	VDC (Max)	VDC (Min)	(Ω) ± 10%		(V)
6VDC	4.50	0.60	68.00	0.53W	110% of nominal voltage
9VDC	6.75	0.90	153.00		
12VDC	9.00	1.20	272.00		
24VDC	18.00	2.40	1087.00		
36VDC	27.00	3.60	2445.00		
48VDC	36.00	4.80	4347.00		
110VDC	82.50	11.00	22830.00		
	VAC (Max)	VAC (Min)	(Ω) ± 10%	0.8-1.0VA	
6VAC	4.80	1.80	16.00		
12VAC	9.60	3.60	63.00		
24VAC	19.20	7.20	253.00		
36VAC	28.80	10.80	570.00		
48VAC	38.40	14.40	1014.00		
110VAC	88.00	33.00	5324.00		
220VAC	176.00	66.00	21296.00		
240VAC	192.00	72.00	25344.00		

DIMENSIONS(Unit: mm)

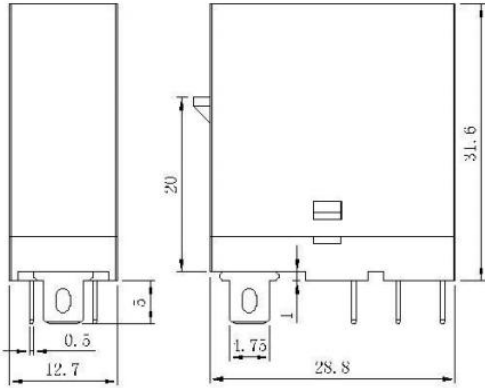
NNC69KTL-17
外形尺寸



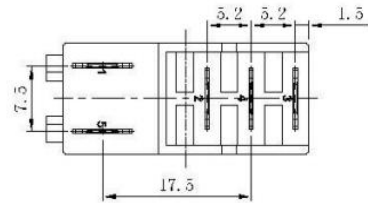
NNC69K-17
外形尺寸



NNC69KI-17
外形尺寸



安装尺寸 (底视)



69K-17接线图 (底视) 69K(T)L-17接线图 (底视) 69K(T)LX-17-DC接线图 (底视)

