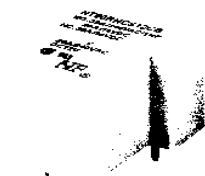




30.5×24.2×17.0



32.5×27.6×20.5

# NT90 (T90)

CH0050401-2000 CE9930952E01

E160644 LR956331 R2033977.05

Patent No. 中國專利號:

95213824.7 99218304.9 99312549.2

## Features 特點

- Small size, light weight. Low coil power consumption, heavy contact load. Strong anti-shock and anti-vibration, high reliability, long life.  
體積小, 重量輕, 線圈功耗低, 觸點負載大, 抗沖擊及抗震性強, 可靠性高, 壽命長;
- Suitable for automobile, machine, electronic equipment, air conditioner and household appliance applications.  
可供汽車、機床電器、電子設備、空調器以及各種家用電器使用;
- PC board mounting. 可直接焊接在印刷線路板中。

## Coil Rating 線圈參數

T90 DC Coil Parameter 直流 T90 型線圈參數						T90 AC Coil Parameter 交流 T90 型線圈參數		
RATED VOLTAGE 額定電壓 VDC	COIL RESISTANCE 線圈電阻 $\Omega \pm 10\%$	MUST OPERATE VOLTAGE 吸合電壓 VDC (max) (75%的額定電壓)	MUST RELEASE VOLTAGE 釋放電壓 VDC (min) (10%的額定電壓)	MAXIMUM VOLTAGE 最大電壓 VDC	COIL POWER 線圈功耗 W	RATED VOLTAGE 額定電壓 VAC	COIL RESISTANCE 線圈電阻 $\Omega \pm 10\%$	COIL POWER 線圈功耗 W
3	10/15	2.25	0.3			12	(27)	2VA
5	28/42	3.75	0.5			24	(120)	
6	40/60	4.50	0.6	130% of rated voltage 為額定電壓的 130%	0.90/0.60			
9	90/135	6.75	0.9					
12	160/240	9.00	1.2					
15	250/375	10.25	1.5					
18	360/540	13.50	1.8					
24	640/960	18.00	2.4					
48	2560/3840	36.00	4.8			120	(3040)	
110	13445/20167	82.50	11.0			220	(13490)	

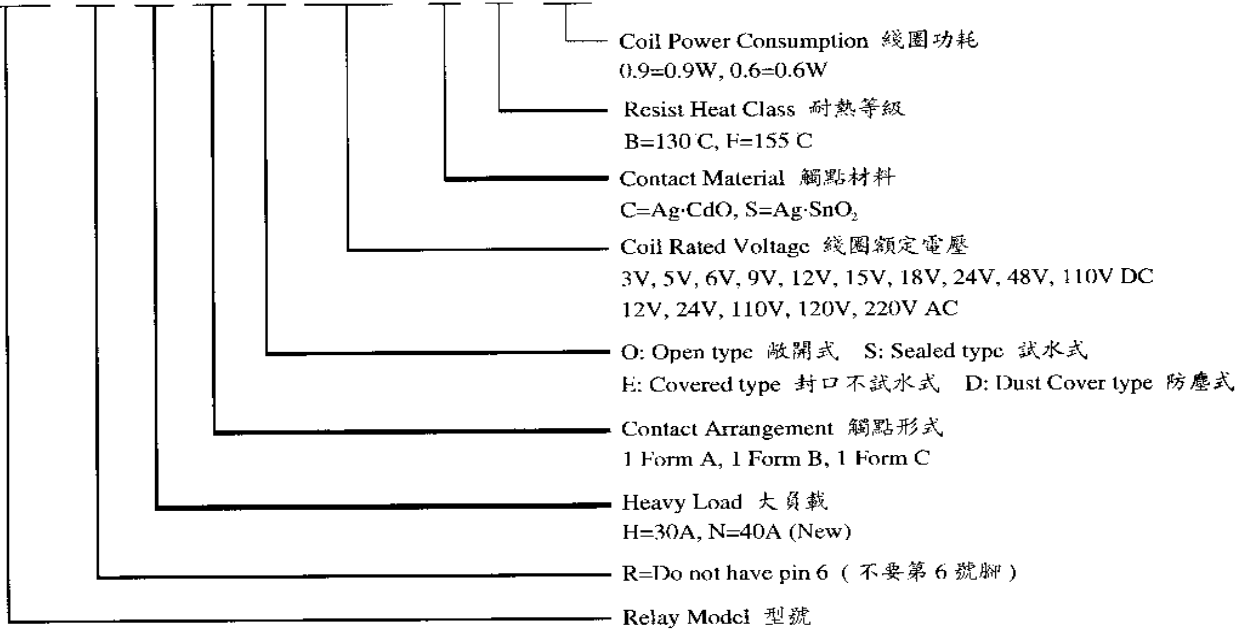
## Characteristics 技術特性

Contact Arrangement 觸點形式	1 A (常開)、1 B (常閉)、1 C (轉換)
Contact Material 觸點材料	Ag · CdO, Ag · SnO <sub>2</sub> , Ag · SnO <sub>2</sub> · In <sub>2</sub> O <sub>3</sub>
Contact Rating (resistive) 觸點負載 (阻性)	NO: 30A/240VAC, 14VDC; NC: 20A/240VAC, 30A/14VDC NO: 40A/250VAC, 28VDC; NC: 30A/250VAC, 28VDC (0.90W)
Max. Switching Power 最大切換功率	900W 7200VA
Max. Switching Voltage 最大切換電壓	110VDC 250VAC
Contact Resistance 接觸電阻	≤30m $\Omega$
Operate Time 吸合時間	≤15ms
Release Time 釋放時間	≤10ms
Insulation Resistance 絕緣電阻	1000M $\Omega$ min (500VDC)
Dielectric Strength 介質耐壓	Between contacts: 50Hz 1500V 觸點間
	Between contact and coil: 50Hz 2500V (無 6 號腳) 觸點與線圈間 1500V (有 6 號腳) 觸點與線圈間
Shock Operational 抗沖擊	200 m/s <sup>2</sup> (20g)
Vibration Operational 抗震	10~55Hz Double amplitude 雙振幅 1.5mm
Ambient Temperature 環境溫度	-55~110 $^{\circ}$ C -55~125 $^{\circ}$ C
Relative Humidity 相對濕度	40 $^{\circ}$ C時可達 85%
Operation Life 工作壽命	10 <sup>7</sup> 次 10 <sup>5</sup> 次 (at rated load)
Weight 重量	Mechanical 機械
	Electrical 電氣
	約 27g (敞開式 Open type); 30g (防塵式 Dust over type) Approx.

**MOBICON**  
Electronic Components

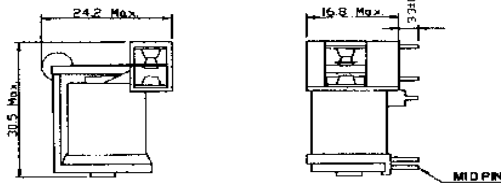
# Ordering Information 訂貨信息

NT90 R H A S DC12 C B 0.9

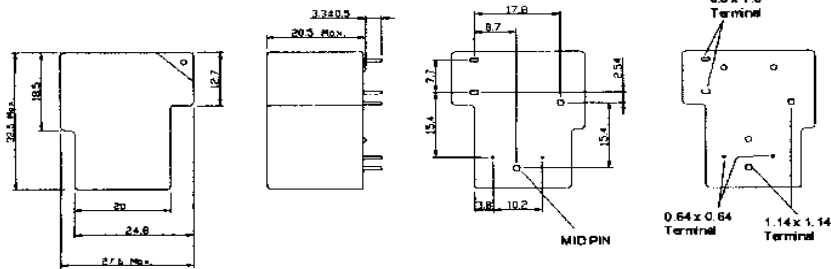


## Dimensions (Unit: mm) 外型尺寸圖

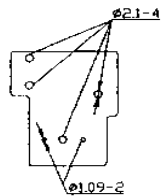
### OPEN TYPE



### DUST COVER / SEALED TYPE - WITH MID PIN



### MOUNTING HOLES



### TERMINAL ARRANGEMENT (BOTTOM VIEW)

