

22.3 × 16.6 × 11.0

NT76

CE E9930952E01

C_{UL} US E158859



R2033977.03

Patent No. 中國專利號: 99206684.0

Features 特點

- Super light in weight. 超輕型繼電器;
- High sensitivity. 高靈敏度;
- Switching capacity up to 16A. 通斷容量高達 16A;
- PC board mounting. 可直接焊接在印刷線路板中。

Coil Rating 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) (80%的額定電壓)	MUST RELEASE VOLTAGE 釋放電壓 VDC (min) (5%的額定電壓)	MAXIMUM VOLTAGE 最大電壓 VDC	COIL POWER 線圈功耗 W
5	125/55.5	4.0	0.25	130% of rated voltage 為額定電壓的 130%	0.20/0.45
6	180/80	4.8	0.30		
9	405/180	7.2	0.45		
12	720/320	9.6	0.60		
18	1620/720	14.4	0.90		
24	2880/1280	19.2	1.20		
48	9216/5120	38.4	2.40	為額定電壓的 110%	0.25/0.45
100	16600	80.0	10.00	為額定電壓的 130%	0.60

Characteristics 技術特性

Contact Arrangement 觸點形式	1 A (常開), 1 C (轉換)
Contact Material 觸點材料	Ag·CdO, Ag·SnO ₂ ·In ₂ O ₃
Contact Rating (resistive) 觸點負載 (阻性)	1A: 16A/250VAC,30VDC; 1C: 10A/250VAC,30VDC
Max. Switching Power 最大切換功率	TUV Rating: 16A/250VAC,30VDC 300W 2500VA
Max. Switching Voltage 最大切換電壓	110VDC 380VAC
Contact Resistance 接觸電阻	≤50m Ω
Operate Time 吸合時間	≤10ms
Release Time 釋放時間	≤5ms
Insulation Resistance 絕緣電阻	100M Ω min (at 500VDC)
Dielectric Strength 介質耐壓	Between contacts: 50Hz 750V 觸點間 Between contact and coil: 50Hz 1500V 觸點與線圈間
Shock Operational 抗沖擊	10g
Vibration Operational 抗震	10~55Hz Double amplitude 雙振幅 1.5mm
Ambient Temperature 環境溫度	-40~85°C
Relative Humidity 相對濕度	20°C時可達 85%
Operation Life 工作壽命	10 ⁷ 次
	10 ⁵ 次 (at rated load)
Weight 重量	約 10g Approx.

Ordering Information 訂貨信息

NT76 A - Z - DC12V - C 0.2

Coil Power Consumption 線圈功耗
0.20W, 0.25W, 0.45W, 0.60W

Contact Material 觸點材料
NiI=Ag·SnO₂·In₂O₃, C=Ag·CdO

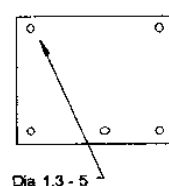
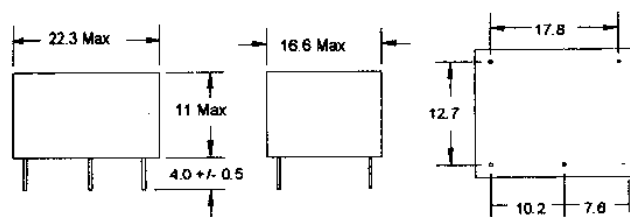
Coil Rated Voltage 線圈額定電壓
5V, 6V, 9V, 12V, 18V, 24V, 48V DC

Z: Dust Cover type 防塵式
S: Sealed type 試水式

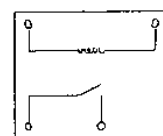
Contact Arrangement 觸點形式
1 Form A, 1 Form C

Relay Model 型號

Dimensions (Unit: mm) 外型尺寸圖



1 Form A



1 Form C

