

T90 Relay

◆COIL DATA(at 20°C)

Nominal Voltage(VDC)	5	6	9	12	18	24	48	110	0.93W
Coil Resistance($\Omega \pm 10\%$)	27	39	87	155	350	620	2480	13010	
Rated Current(mA)	186	155	103	77.5	52	39	19	9	
Max Operate Voltage(VDC)	3.75	4.5	6.75	9	13.5	18	36	82.5	
Min Release Voltage(VDC)	0.5	0.6	0.9	1.2	1.8	2.4	4.8	11	
Max Applicable Voltage	130% of nominal voltage at 70°C 130% of nominal voltage at 70°C								

◆CONTACT DATA

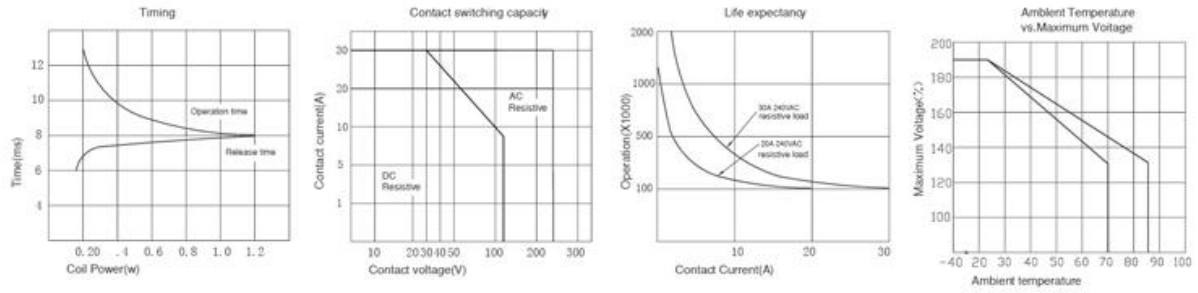
Contact Form	1H/1D/1Z
Contact Material	Silver Alloy
Load	Resistive load(COS Φ =1)
Contact Ratings	1H: 25A(30A) 240VAC/20A 28VDC 1D: 15A 240VAC/10A 28VDC 1Z: 20A/10A 240VAC/28VDC
Minimum load	500mA 5VDC
Max Switching Voltage	250VAC/30VDC
Max Switching Current	30A
Max Switching Power	7200VA/560W
Contact Resistance	100m Ω Max at 6VDC 1A
Life Expectancy	Electrical : 100,000 Operations(at30Operations/minute)
	Mechanical: 10,000,000 Operations(at300Operations/minute)

T90-DATA-2

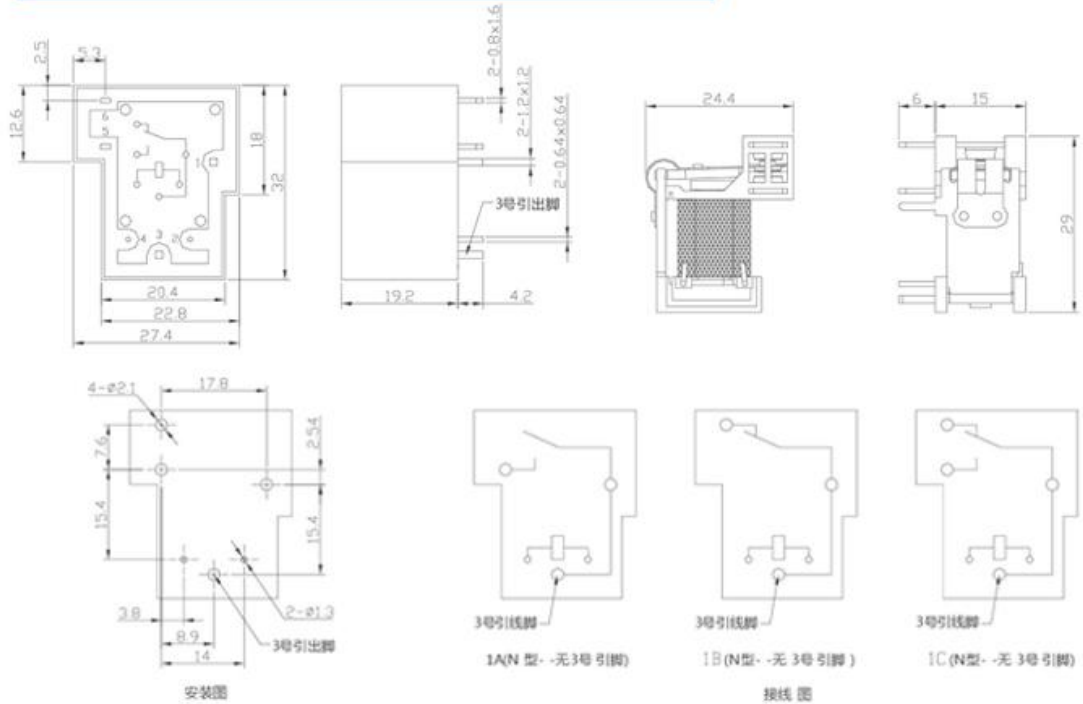
◆CHARACTERISTICS DATA

Insulation Resistance	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts	1500VAC(for one minute)
Between Contacts and coil	1500VAC/2500VAC(for one minute)
Operate Time	15ms
Release Time	10ms
Temperature Range	-40°Cto+70°C(Class F:85°C)
Shock Resistance	Operating Extremes: 10G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical:18,000operations/hr
	Electrical:1,800operations/hr
Humidity	60-85%
Weight	Approx 36g

ENGINEERING DATA 设计参数



OVERALL AND MOUNTING DIMENSIONS 安装图



REMARK (备注):

1. 产品部分外形尺寸中未注尺寸公差: 当外形尺寸 $\leq 1\text{mm}$ 时, 公差为 $\pm 0.2\text{mm}$; 当外形尺寸在 $1\sim 5\text{mm}$ 时, 公差为 $\pm 0.3\text{mm}$; 当外形尺寸 $> 5\text{mm}$ 时, 公差为 $\pm 0.4\text{mm}$ 。
2. 安装孔尺寸中未注尺寸公差均为 $\pm 0.1\text{mm}$ 。