

Power Relay Series 功率继电器系列--CT76

FEATURES特点

- Up to 16A contact switching capability
高达16A触点切换能力
- Plastic sealed and flux proofed types available
塑封型与防焊剂型可供选择
- Low height, flat construction
低高度、扁平式结构
- Overall dimensions (23.0X16.0X10.5) mm.
外形尺寸 (23.0X16.0X10.5) mm。



CONTACT PARAMETERS触点参数

Contact Form触点形式	A-1组常开 C-1组转换
Rating Load (Resistive) 额定负载 (阻性)	16A 250VAC/30VDC 10A 250VAC/30VDC
Max. Switching Current最大切换电流	16A
Max.Switching Voltage最大切换电压	250VAC/30VDC
Max.Switching Power最大切换功率	4000VA/480W

CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金		
Contact Resistance接触电阻	100mΩ Max		
Operate Time吸合时间	8ms. Max		
Release Time释放时间	4ms. Max		
Insulation Resistance绝缘电阻	1,000MΩ Min.(DC500V)		
Initial Dielectric Strength介质耐压	between open contacts: 触点与触点间:	AC1,000V,50/60Hz 1Min	
	between contacts and coil: 触点与线圈间:	AC2,500V,50/60Hz 1Min	
Vibration Resistance抗振动	Damage limits: 耐久:	10～55Hz Double Amplitude双振幅1.5mm	
	Malfunction: 误动作:	10～55Hz Double Amplitude双振幅1.5mm	
Shock Resistance抗冲击	Damage limits: 耐久:	100G Min	
	Malfunction: 误动作:	10G Min	
Life寿命	Mechanical Life (10800 per hour) 机械寿命（每小时10800次）	1×10 ⁷	
	Electrical Life (1800 per hour) 电气寿命（每小时1800次）	1×10 ⁵	
Ambient Temperature环境温度	-40℃～+105℃（No condensation）（不冷凝）		
Unit Weight单位重量	约Approx.9.0g		

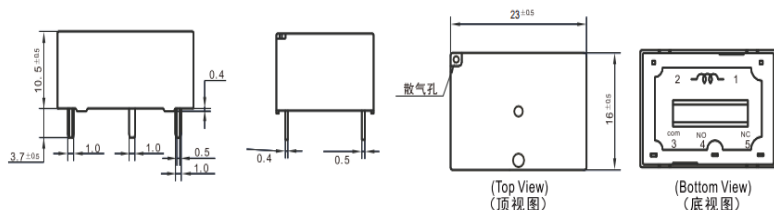
COIL RATINGS (at23℃) 线圈参数 (在23℃)

Coil Nominal Voltage 额定电压 (VDC)	Nominal Current 额定电流 ±10%(mA)	Coil Resistance 线圈电阻 ±10% (Ω)	Max. Continuous Voltage 最大连续外加电压	Pick-Up Voltage 吸合电压 (Max)	Drop-Out Voltage 释放电压 (Min)	Rated power 额定功率
3	66.67	45	Coil Nominal Voltage 150% 额定电压的 150%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 10% 额定电压的 10%	About 0.20 W 约0. 20W (A型)
5	40.00	125				
6	33.33	180				
9	22.22	405				
12	16.67	720				
18	11.11	1,620				
24	8.57	2,800				
48	4.17	11,510	Coil Nominal Voltage 150% 额定电压的 150%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 10% 额定电压的 10%	About 0.40W 约0.40W (C型)
3	133.33	22.5				
5	80.00	62.5				
6	66.67	90.0				
9	44.44	202.5				
12	33.33	360.0				
18	22.22	810.0				
24	16.67	1440.0				
48	8.33	5760.0				

ORDERING INFORMATION订货标记

CT76 - S-DC12V-A-H-T-(XXX) 1 2 3 4 5 6 7	
1.Model Number基本型号 CT76 2.Encapsulation form:S-Plastic Sealed SH:Fluk proofed 封装形式: S-塑封型 SH-防焊剂型 3.Coil Voltage线圈规格 (VDC): DC3V,DC5V,DC6V,DC9V,DC12V,DC18V,DC24V, DC48V 4.Contact form: A-1Form A, C-1Form C 触点形式: A-1组常开 C-1组转换	5.Coil Power:No -0.4W, H-0.2W 线圈功率:无-0.4W, H-0.2W 6. Load Current:No-10A,T-16A 负载电流:无-10A, T-16A 7. Customer Special Code :XXX-Customer Special Requirements No - Standard Type 客户特性号: XXX-客户特殊要求, 无-标准型

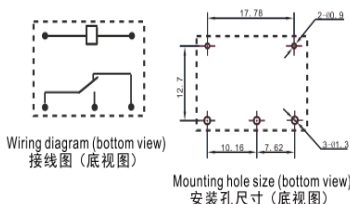
OUTLINE DIMENSIONS (UNIT:mm)外形尺寸 (单位: mm)



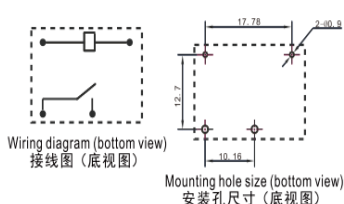
Undimensioned tolerance: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm

未标注尺寸公差: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm

Note: 1. The size of the lead foot is pre welding dimension. 注: 1、引出脚尺寸为预焊前尺寸
2. installation hole size tolerance: +0.1mm 2、安装孔尺寸公差: ±0.1mm



1C



1A

TYPICAL USE典型用途

- Home Appliances, Office Automation, Smart Home Products, Smart Plug Series
- 家用电器, 办公自动设备, 智能家居产品, 智能插座系列

PERFORMANCE CHART性能曲线图

