

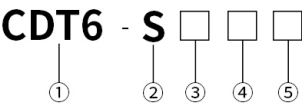


特点 Features

- ON和OFF单独的延时设定，可设定不同的延时时间
 - 超宽延时范围，0.1秒-100天可设定（10个档位）
 - 可通过短接S-A1，切换不同的工作模式
 - 具有AC/DC 12V-240V超宽工作电压规格可选
 - 继电器工作状态通过LED指示灯指示
 - 超小体积，仅18mm宽度，35mm卡轨安装
 - 用于循环延时控制场合，周期性的给某个电气线路通电、照明控制、加热控制
- There are separate delay settings for ON and OFF, and different delay times can be set
 - Ultra-wide delay range, 0.1 seconds-100 days can be set (10 gears)
 - Different working modes can be switched by shorting S-A1
 - It has AC/DC 12V-240V ultra-wide operating voltage specifications to choose from
 - The working status of the relay is indicated by an LED indicator
 - Ultra-small size, only 18mm width, 35mm card rail installation
 - It is used for cycle delay control, periodic power-on, lighting control, and heating control of an electrical circuit



选型说明 Model Designation



序号 No	项目 Item	代号 Code	说明 Description
①	产品名称 Product name	CDT6	卡轨式时间继电器 Clamp rail type time relay
②	产品系列 Product series	S	循环延时型时间继电器（循环延时） Cycle delay type time relay (loop delay)
③	功能代号 Function code	1	1组转换 Group 1 conversion
		2	2组转换 Group 2 conversion
④	输出触点 Output contact	10	输出触点 10A Output contact 10A
		16	输出触点 16A Output contact 16A
⑤	额定工作电压 Rated operating voltage	M	AC220V
		W	AC/DC12V-240V
		A-Z 字母组合 A-Z letter combination	定制电压 Custom voltage

常用型号 Common Model

产品型号 Product model	功能 Feature	输出触点参数 Output contact parameters	额定电压 Rated voltage
CDT6-S110M	循环延时 Cycle delay	1组转换、输出触点Ith:10A,Ie:2.5A 1 group conversion, Output contact Ith:10A, Ie:2.5A	AC220V
CDT6-S210M	循环延时 Cycle delay	2组转换、输出触点Ith:10A,Ie:2.5A 2 group conversion, Output contact Ith:10A, Ie:2.5A	AC220V
CDT6-S116W	循环延时 Cycle delay	1组转换、输出触点Ith:16A,Ie:5A 1 group conversion, Output contact Ith:16A, Ie:5A	AC/DC 12-240V
CDT6-S216W	循环延时 Cycle delay	2组转换、输出触点Ith:16A,Ie:5A 2 group conversion, Output contact Ith:16A, Ie:5A	AC/DC 12-240V

注：以上为常用型号参考，未在表格内的参考选型说明。
Note: The above is a common model reference, not in the table reference selection description.

技术参数 Technical Parameters

		CDT6-S1	CDT6-S2
功能 Function		循环延时 Cycle delay	
电源端子 Power terminal		A1-A2	
额定控制电源电压 Rated control power supply voltage	W (AC/DC12V-240V)	AC/DC 12-240V(50-60Hz)	
消耗功率 Power consumption		AC 0.09-3VA/DC 0.05-1.7W	
额定控制电源电压 Rated control power supply voltage	M (AC220V)	AC 220V(50-60Hz)	
消耗功率 Power consumption		AC max.6VA/1.3W	AC max.6VA/1.9W
电源允许波动范围 Allowable fluctuation range of power supply		-15%;+10%	
电源指示灯 Power indicator		绿色LED Green LED	
延时范围 Delay range		0.1 秒 - 100 天 0.1 seconds - 100 days	
设定方式 Setting method		旋钮 knob	
设定精度 Setting accuracy		10%	
重复精度 Repeatability		0.2%	
温度波动误差 Temperature fluctuation error		0.05%/°C at 20°C (approx. 0.0278%/°F at 68°F)	
输出触点参数 Output contact parameters	触点数量 Number of contacts	1 组转换触点 1 set of conversion contacts	2 组转换触点 2 sets of conversion contacts
	10A	1*10A 250VAC/24VDC	2*10A 250VAC/24VDC
	16A	1*16A 250VAC/24VDC	2*16A 250VAC/24VDC
最小切换功率 Minimum switching power		500mW	
输出继电器指示 Output relay indication		红色 LED Red LED	
机械寿命 Mechanical life		1×10^7	
电寿命 (阻性负载) Electrical life (resistive load)		1×10^5	
复位时间 Reset time		最大 200ms Maximum 200ms	
工作环境温度 Operating ambient temperature		-20°C ~+55°C	
存储和运输环境温度 Storage and transportation ambient temperature		-35°C ~+75°C	
安装方式 Installation method		35mm 卡轨安装 35mm card rail installation	
防护等级 Protection level		IP20	
安装位置 Installation location		任意 Arbitrary	
安装海拔高度 Installation altitude		$\leq 2000\text{m}$	
污染等级 Pollution level		2	
接线能力 Wiring ability		$1 \times 2.5\text{mm}^2$ 或 $2 \times 1.5\text{mm}^2$ 0.4N·m	
外形尺寸 Dimensions		90mm×18mm×65mm	
重量 Weight		67g	80g

国际认证规格 International Certification Specifications

认证规格 Certification specifications	规格 Specifications	文件No. Document
CCC	GB/T 14048.5	请咨询昌得代表处 Please consult the CNTD Representative Office
CE	EN 60947-5-1	

安全规格认证额定值 Safety Specification Certification Rating

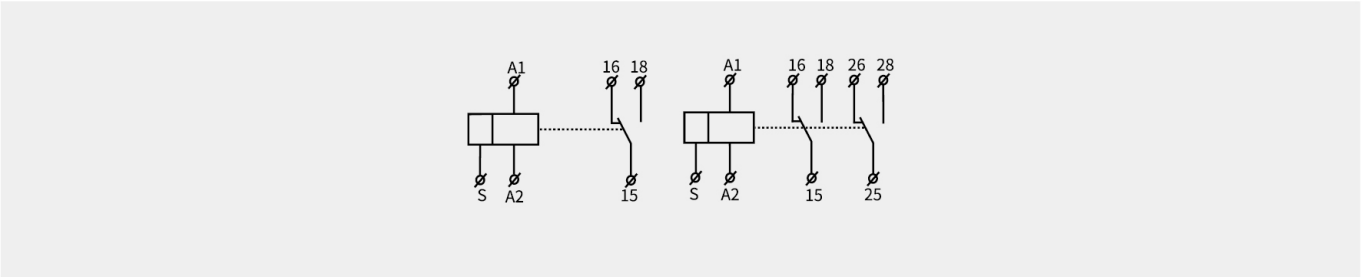
CCC(GB/T 14048.5)、CE(EN 60947-5-1)

类型与额定值 Type and Rating
AC-15:Ue/Ie 2.5A/250VAC(输出触点Output contact 10A)
AC-15:Ue/Ie 5A/250VAC(输出触点Output contact 16A)

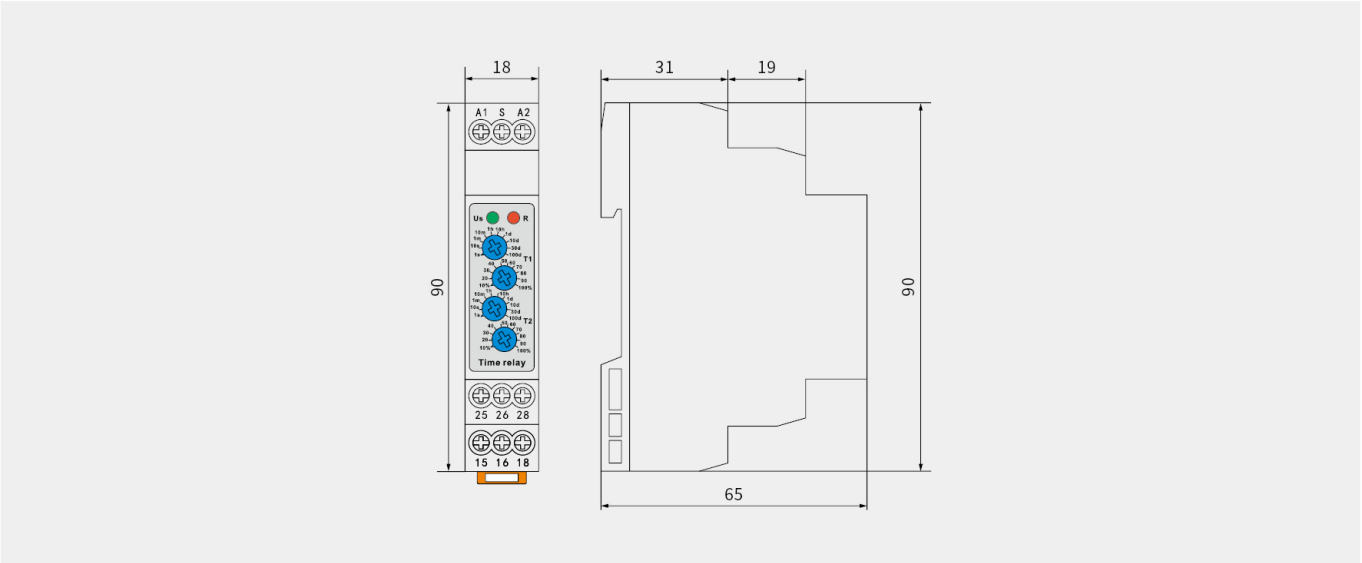
功能图 Function Diagramw



接线图 Wiring Diagram



外形与尺寸 Shape and Size (mm)



使用注意事项 Using Precautions

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- 要求极高可靠性的应用场合，包括核能、燃气、电力等要求长期稳定运行的系统。
- 要求极高安全性的应用场合，涉及人身安全与财产的情况。
- 苛刻条件、严酷环境的应用场合，包括室外、存在化学污染、电磁、振动或冲击影响的环境。
- 有火灾或爆炸风险的应用场合，包括存在易燃易爆性气体、强酸强碱化学品等物质的环境。
- 涉及军工用途、航天航空项目的应用场合。

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- Applications requiring very high security, situations involving personal safety and property.
- Applications in harsh conditions, harsh environments, including outdoor, chemical contamination, electromagnetic, vibration or shock effects.
- Applications where there is a risk of fire or explosion, including environments where flammable and explosive gases, strong acids and alkali chemicals are present.
- Applications involving military use and aerospace projects.