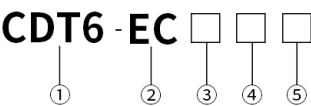




- 特点 Features
- 2种延时模式可设定
 - 同时支持AC220V/DC24V两种工作电压
 - 超宽延时范围，0.1秒-10天可设定
 - 继电器工作状态通过LED指示灯指示
 - 超小体积，仅18mm宽度，35mm卡轨安装
 - 双功能时间继电器可用于工业设备、照明控制、加热元件控制、马达、风机控制，具有2种延时模式，延时范围覆盖0.1秒-10天
- 2 delay modes can be set
- At the same time, it supports two operating voltages, AC220V/DC24V
- Ultra-wide delay range, 0.1 seconds-10 days can be set
- The working status of the relay is indicated by an LED indicator
- Ultra-small size, only 18mm width, 35mm card rail installation
- The dual-function time relay can be used for industrial equipment, lighting control, heating element control, motor, and fan control. It has 2 delay modes, and the delay range covers 0.1 seconds to 10 days.



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	EC	双功能型时间继电器（通电延时、延时断开） Dual function time relay (power delay, delay off)
③	功能代号 Function code	1	1 组转换 Group 1 conversion
④	输出触点 Output contact	10	输出触点 10A Output contact 10A
⑤	额定工作电压 Rated operating voltage	M	AC220V
		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-EC110M	通电延时、延时断开 Power delay, delay disconnect	1组转换、输出触点Ith:10A,Ie:2.5A 1 group conversion, Output contact Ith:10A, Ie:2.5A	AC220V

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-EC		
功能 Function	通电延时，延时断开 Power-on delay, delay disconnection	
电源端子 Power terminal	A1-A2	
额定控制电源电压 Rated control power supply voltage	M (AC220V)	AC220V(50-60Hz)
消耗功率 Power consumption		AC 3VA 0.5W
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 -10 天 0.1 seconds-10 days	
设定方式 Setting method	拨码 + 旋钮设定 Dial code + knob setting	
设定精度 Setting accuracy	5%	
重复精度 Repeatability	0.2%	
温度波动误差 Temperature fluctuation error	0.05%/°C ,at=20°C	
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
	10A	1*10A 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	≤ 2000m	
污染等级 Pollution level	2	
接线能力 Wiring ability	1×2.5mm ² 或 2×1.5mm ² 0.4N·m	
外形尺寸 Dimensions	90mm×18mm×65mm	
重量 Weight	67g	

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)

功能图 Function Diagramw

A:通电延时

当继电器Un得电，继电器开始延时，延时t后输出触点闭合。继电器Un断电后，输出触点断开。

A: Power-on delay

When the relay Un gets power, the relay starts to delay, and the output contact is closed after the delay t. After the relay Un is powered off, the output contact is disconnected.



B:延时断开

当继电器Un得电，继电器输出触点马上闭合，开始延时，延时t后输出触点断开，如延时时间t未到继电器Un失电，则输出触点断开。

B: Delay disconnection

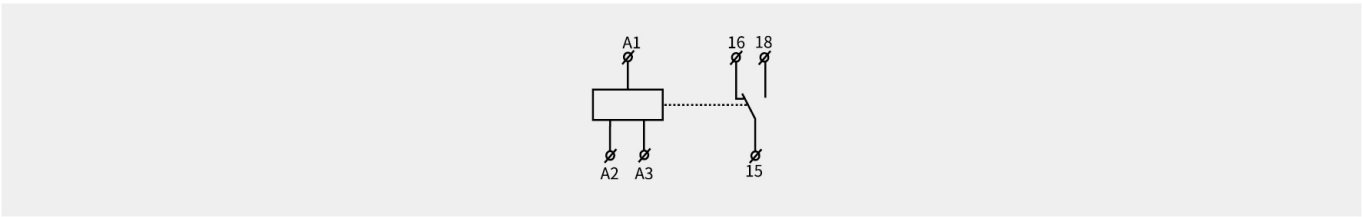
When the relay Un gets power, the output contacts of the relay are immediately closed and the delay begins. After the delay t, the output contacts are disconnected. If the delay time t does not reach the relay Un loses power, the output contacts are disconnected.



延时设定 Delay Setting

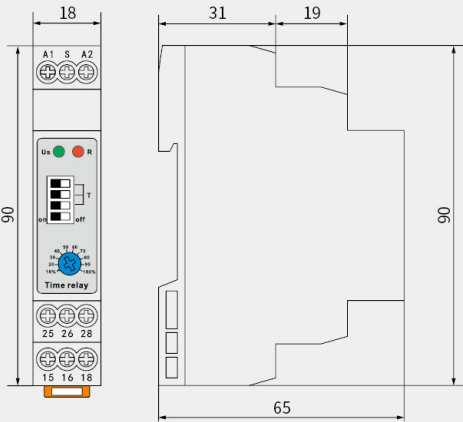
 0.1s-1s 延时范围:0.1秒~1秒 Delay range: 0.1s~1s	 0.1m-1m 延时范围:0.1分~1分 Delay range: 0.1min~1min	 0.1h-1h 延时范围:0.1时~1时 Delay range: 0.1h~1h	 0.1d-1d 延时范围:0.1天~1天 Delay range: 0.1day~1day
 1s-10s 延时范围:1秒~10秒 Delay range: 1s~10s	 1m-10m 延时范围:1分~10分 Delay range: 1min~10min	 1h-10h 延时范围:1时~10时 Delay range: 1h~10h	 1d-10d 延时范围:1天~10天 Delay range: 1day~10day

接线图 Wiring Diagram



外形与尺寸 Shape and Size (mm)

Enclosure outline only.
Use wiring diagram for terminals.



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.