



- 特点 Features
- 20种延时模式：-5种通过电源控制的延时模式
-13种通过信号控制的延时模式
-ON,OFF模式

■ 超宽延时范围，0.1秒-99天可设定。

■ 具有AC/DC 12V-240V超宽工作电压。

■ 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。

■ 20 kinds of delay modes:
-5 kinds of delay modes controlled by power supply
-13 delay modes controlled by signal
-ON, OFF mode

■ Ultra-wide delay range, 0.1 seconds-99 days can be set.

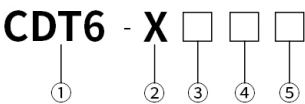
■ It has an ultra-wide operating voltage of AC/DC 12V-240V.

■ The working status of the relay is indicated by an LED indicator.

■ The ultra-small size is only 18mm wide, and the 35mm card rail is installed.



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	X	数显式时间继电器（多功能型） Digital display time relay (multi-functional)
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	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-X110W	数码管显示，有通电延时、延时断开、循环延时、信号触发等20种工作模式可选 Digital tube display, there are power delay, delay disconnect, cycle delay, signal trigger and other 20 working modes to choose from	1组转换、输出触点Ith:10A,Ie:2.5A 1 group conversion, Output contact Ith:10A, Ie:2.5A	AC/DC12V-240V
CDT6-X210W		2组转换、输出触点Ith:10A,Ie:2.5A 2 group conversion, Output contact Ith:10A, Ie:2.5A	AC/DC12V-240V
CDT6-X116W		1组转换、输出触点Ith:16A,Ie:5A 1 group conversion, Output contact Ith:16A, Ie:5A	AC/DC12V-240V
CDT6-X216W		2组转换、输出触点Ith:16A,Ie:5A 2 group conversion, Output contact Ith:16A, Ie:5A	AC/DC12V-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-X1	CDT6-X2
功能 Function		20种功能模式 20 functional modes	
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)	12-240VAC/DC; 50-60Hz for AC	
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 50Hz	
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%	
额定冲击耐受电压 Rated impact withstand voltage		2.5kV	
额定绝缘电压 Rated insulation voltage		250V	
电源指示灯 Power indicator		绿色LED Green LED	
延时范围 Delay range		0.1秒—99天 0.1 seconds — 99 days	
设定方式 Setting method		按键设定 Button setting	
设定精度 Setting accuracy		2%	
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	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		≤ 2000m	
污染等级 Pollution degree		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	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

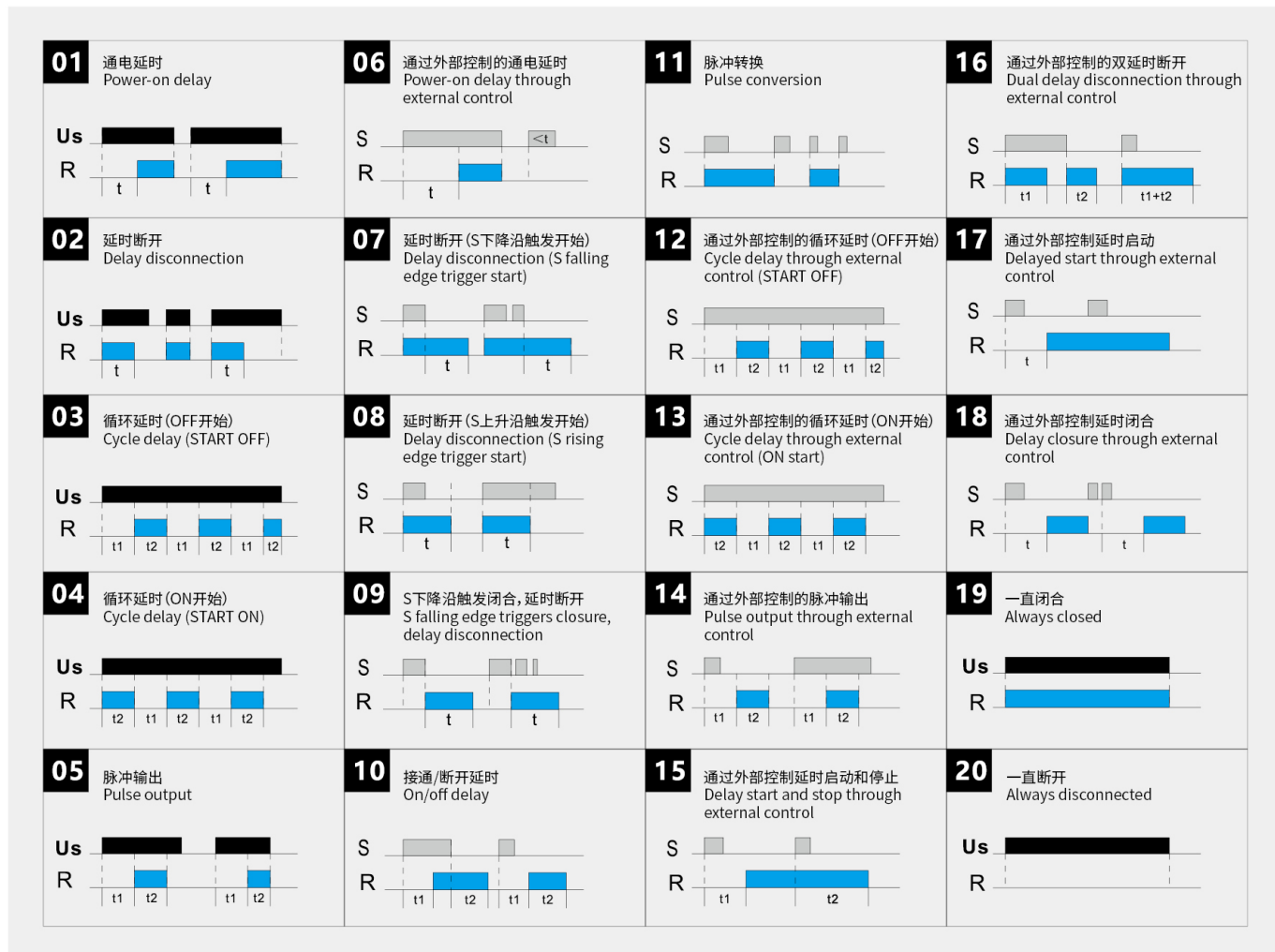
CCC(GB/T 14048.5)、CE(EN 60947-5-1)

类型与额定值 Type and Rating

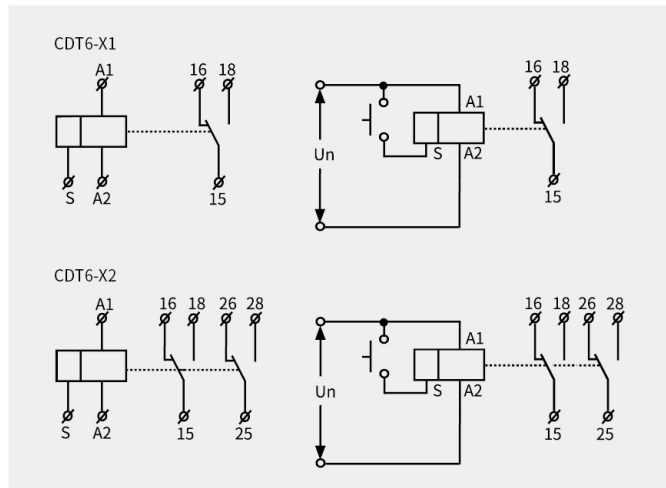
AC-15:Ue/Ie 2.5A/250VAC(输出触点Output contact 10A)

AC-15:Ue/Ie 5A/250VAC(输出触点Output contact 16A)

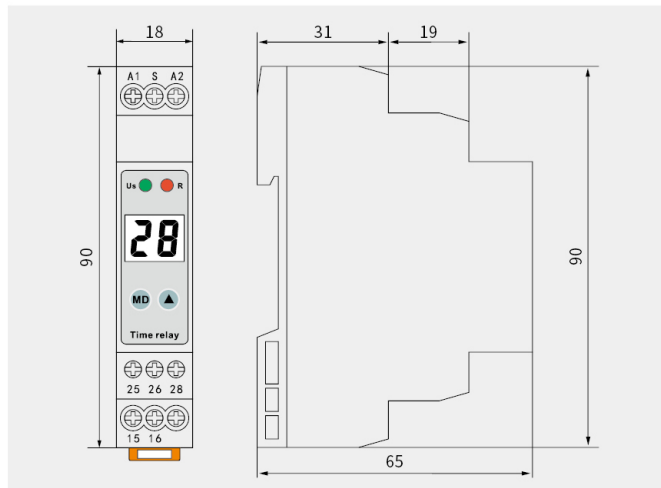
功能图 Function Diagramw



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。

The company's products are designed and produced as industrial products, in strict compliance with industrial product standards. We expressly declare that, unless specifically designed and expressly confirmed by us in writing, our products are not intended for the following applications:

- Applications that require high reliability, including nuclear, gas, electric and other systems that require long-term stable operation.
- 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.