

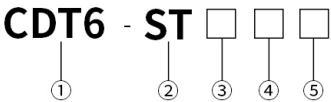


特点
 Features

- t1：启动延时范围0.1s-10min可设定（旋钮设定）
 - t2：转换时间0.1s-1s可设定（旋钮设定）
 - 具有AC220,AC380,AC/DC12V-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
 - 专门用于电机星三角启动控制，可极大简化电气线路，方便接线，降低成本
- t1: The start-up delay range of 0.1s-10min can be set (knob setting)
 - t2: The conversion time is 0.1s-1s can be set (knob setting)
 - With AC220, AC380, AC/DC12V-240V ultra-wide operating voltage specifications are optional
 - The working status of the relay is indicated by an LED indicator
 - Ultra-small size, only 18mm width, 35mm card rail installation
 - It is specially used for motor star triangle start-up control, which can greatly simplify the electrical circuit, facilitate wiring and reduce costs.



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	ST	星三角启动时间继电器（星三角启动延时） Star delta start time relay (star triangle start delay)
③	功能代号 Function code	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
		Q	AC380V
		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-ST210M	星三角转换、电机启动控制 Star triangle conversion, motor start control	2组转换、输出触点10A 2 group conversion, Output contact 10A	AC220V
CDT6-ST216M	星三角转换、电机启动控制 Star triangle conversion, motor start control	2组转换、输出触点16A 2 group conversion, Output contact 16A	AC220V
CDT6-ST210Q	星三角转换、电机启动控制 Star triangle conversion, motor start control	2组转换、输出触点10A 2 group conversion, Output contact 10A	AC380V
CDT6-ST216Q	星三角转换、电机启动控制 Star triangle conversion, motor start control	2组转换、输出触点16A 2 group conversion, Output contact 16A	AC380V

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-ST
功能 Function		星三角启动延时 Star Triangle start 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 0.3-2VA/DC 0.1-1.2W
额定控制电源电压 Rated control power supply voltage	M (AC220V) Q (AC380V)	AC 220V, AC 380V(50-60Hz)
消耗功率 Power consumption		AC max.6VA/1.3W
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		启动延时: 0.1 秒 -10 分, 转换延时: 0.1s-1s Start-up delay: 0.1 seconds-10 minutes, conversion delay: 0.1s-1s
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	2 组转换触点 2 sets of conversion contacts
	10A	2*10A 250VAC/24VDC
	16A	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 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		80g

国际认证规格 International Certification Specifications

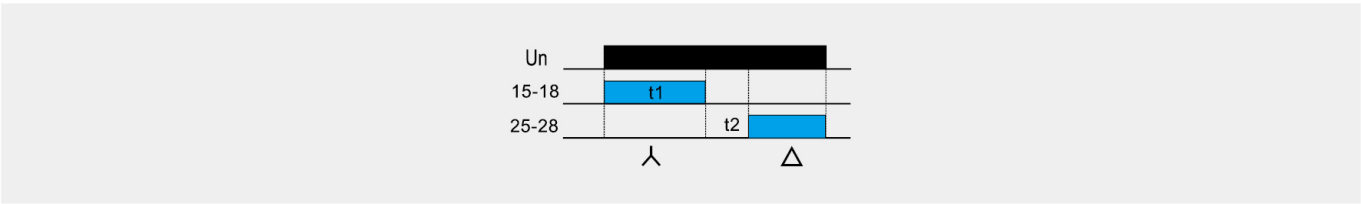
认证规格 Certification specifications	规格 Specifications	文件No. Document
CCC	GB/T 14048.5	请咨询昌得代表处 Please consult the CNTD Representative Office
CE	EN 60947-5-1	

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

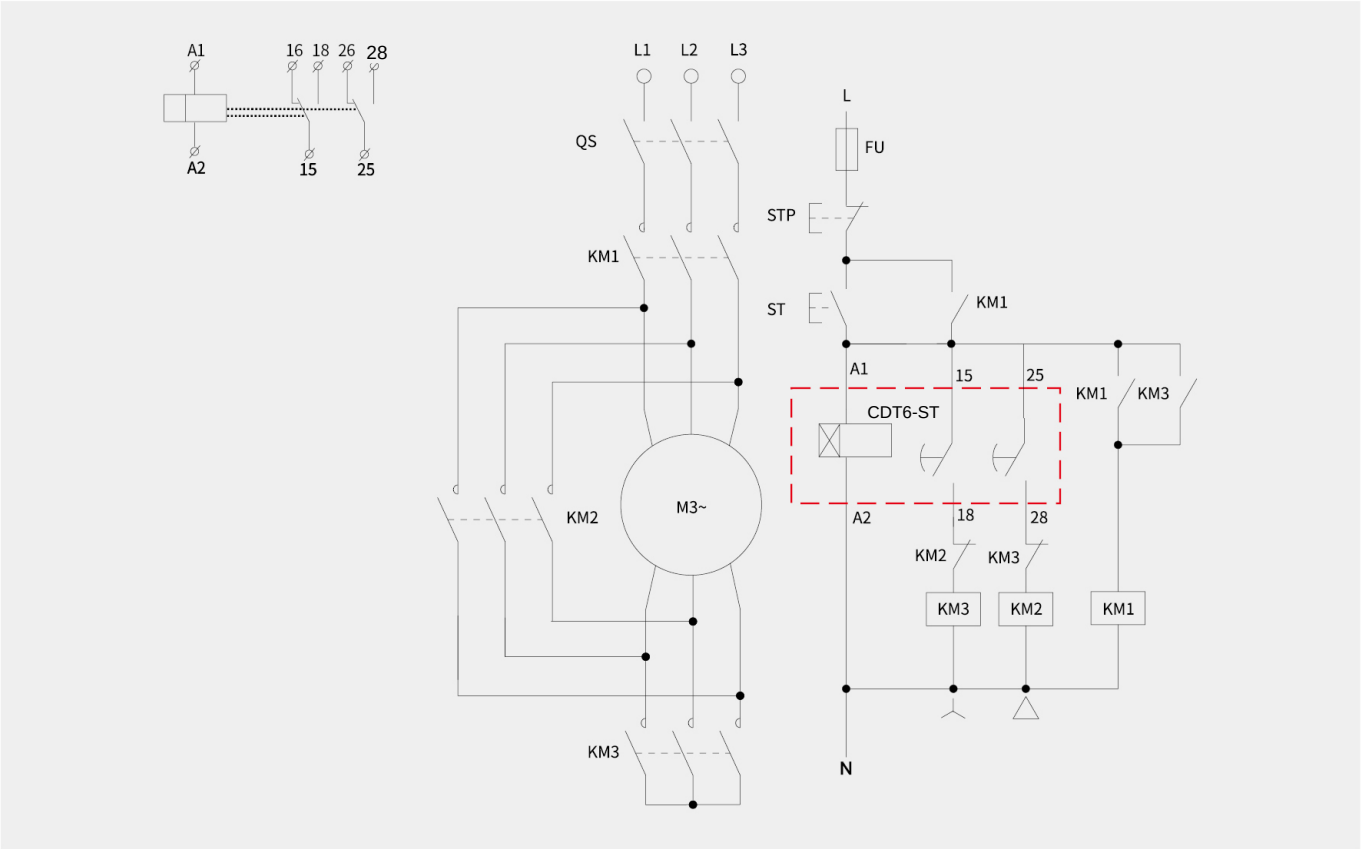
CCC(GB/T 14048.5)、CE(EN 60947-5-1)

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)

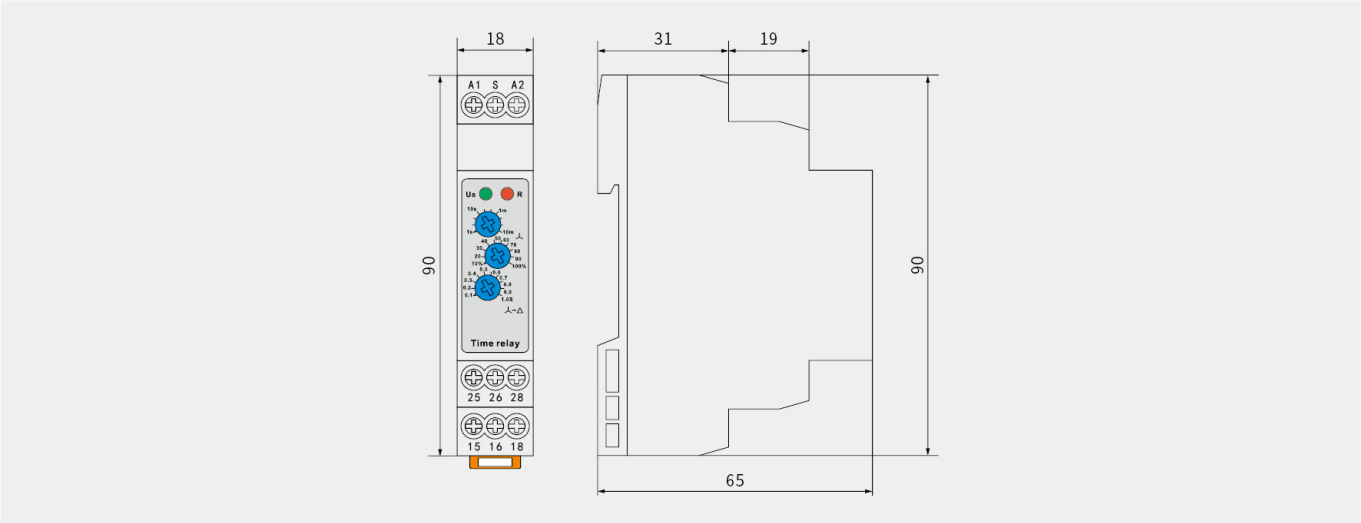
功能图 Function Diagramw



接线图 Wiring Diagram



外形与尺寸 Shape and Size (mm)



使用注意事项 Using Precautions

本公司产品是作为工业产品而设计生产，严格遵守工业产品标准。我司明确声明，除非经过特殊设计并得到我司明确书面确认，我司产品不适用于以下应用场合：

- 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.