



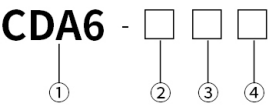
- 特点 Features
- 动作延时时间0.1s~10s可调，以避免尖峰电流。
 - 上电延时时间0.1s~10s可调，以避免电动机类负载启动电流。
 - 6档电流规格可选。
 - 内置隔离电流互感器，同时可外接电流互感器扩大监控电流范围。
 - 工作电源电压AC 85-240V。
 - 继电器工作状态通过LED指示灯指示。
 - 超小体积，仅18mm宽度，35mm卡轨安装。
- The action delay time is adjustable from 0.1s to 10s to avoid peak current.
- The power-up delay time is adjustable from 0.1s to 10s to avoid the start-up current of the motor load.
- 6-speed current specifications are optional.
- Built-in isolated current transformer, and at the same time, an external current transformer can be connected to expand the monitoring current range.
- The working power supply voltage is AC 85-240V.
- The working status of the relay is indicated by an LED indicator.
- Ultra-small size, only 18mm width, 35mm card rail installation.



特点 Features

- 电梯过载监控，轻载监控
 - 单相电机监控电流监控
 - 电流过载/欠载指示及保护
- Elevator overload monitoring, light load monitoring
 - Single-phase motor monitoring current monitoring
 - Current overload/under load indication and protection

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	CDA6	交流电流监控继电器 AC current monitoring relay
②	输出触点功能 Output contact function	1	过流保护 Overcurrent protection
		2	欠流保护 Undercurrent protection
		3	过 / 欠流保护 Over/under current protection
		4	过欠流保护 Over/undercurrent window
③	输出触点 Output contact	10	输出触点 10A Output contact 10A
		16	输出触点 16A Output contact 16A
④	电流检测范围 Current detection range	A05	0.05-0.5A
		A1	0.1-1A
		A2	0.2-2A
		A5	0.5-5A
		A8	0.8-8A
		A16	1.6-16A

技术参数 Technical Parameters

		CDA6-1	CDA6-2	CDA6-3	CDA6-4
功能 Function		过流保护 Overcurrent protection	欠流保护 Under-current protection	过/欠流保护 Over/under current protection	过欠流保护 Over/under current
电源端子 Power terminal		A1-A2			
额定电源电压 Rated supply voltage		AC85-240V			
额定电源频率 Rated power frequency		50/60Hz			
消耗功率 Power consumption		max 25VA			
电源允许波动范围 Allowable fluctuation range of power supply		-15%;+10%			
电流设置范围 Current setting range		0.05A-0.5A/0.1A-1A/0.2A-2A/0.5A-5A/0.8A-8A/1.6A-16A			
测量电流频率 Measuring current frequency		AC50HZ			
最大通过电流 Maximum passing current		1A/2A/5A/8A/12A/22A			
电流设定方式 Current setting method		旋钮设定 Knob setting			
动作延时时间 Action delay time		0.1s~10 s			
电源指示灯 Power indicator		绿色 LED Green LED			
设定精度 Setting accuracy		10%			
电流测量精度 Current measurement accuracy		5% (0.05-0.5A 为 10%)			
温度波动误差 Temperature fluctuation error		<0.1%/°C			
滞后值 Hysteresis value		5%			
输出触点参数 Output contact parameters	10A	1*10A 250VAC/24VDC			
	16A	1*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			
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		1×2.5mm² 或 or 2×1.5mm² 0.8N·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)

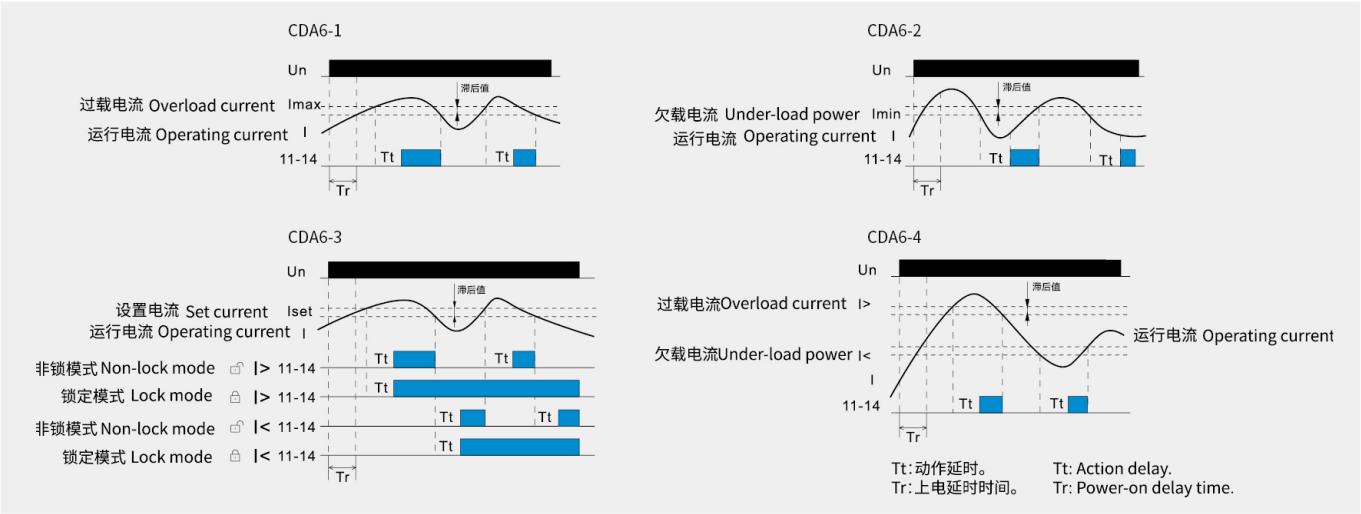
类型与额定值 Type and Rating
AC-15:Ue/Ie 2.5A/250VAC(输出触点Output contact 10A) AC-15:Ue/Ie 5A/250VAC(输出触点Output contact 16A)

常用型号 Common Model

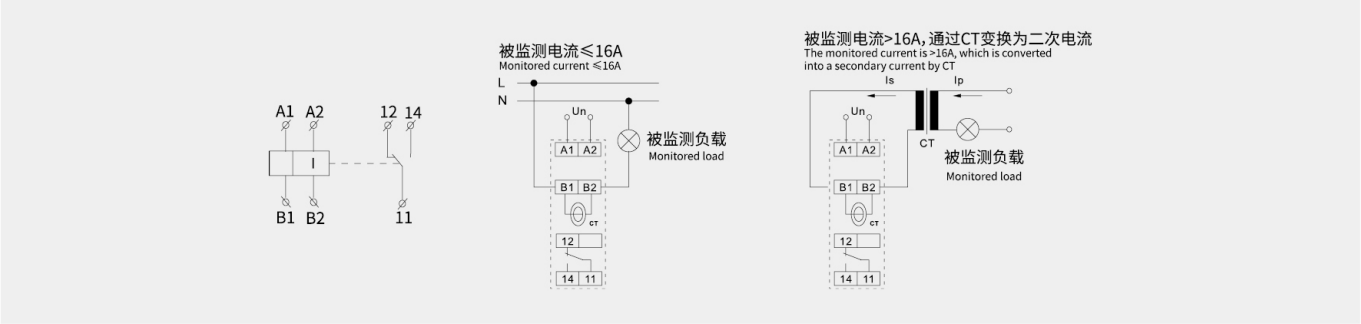
产品型号 Product model	功能 Feature	监测电流范围 Monitoring current range	输出触点参数 Output contact parameters
CDA6-116A2	过流保护 Overcurrent protection	0.2-2A	1组输出触点Ith:16A,Ie:5A 1 set of output contacts Ith:16A, Ie:5A
CDA6-116A5		0.5-5A	
CDA6-116A8		0.8-8A	
CDA6-116A16		1.6-16A	
CDA6-216A2	欠流保护 Undercurrent protection	0.2-2A	1组输出触点Ith:16A,Ie:5A 1 set of output contacts Ith:16A, Ie:5A
CDA6-216A5		0.5-5A	
CDA6-216A8		0.8-8A	
CDA6-216A16		1.6-16A	

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.

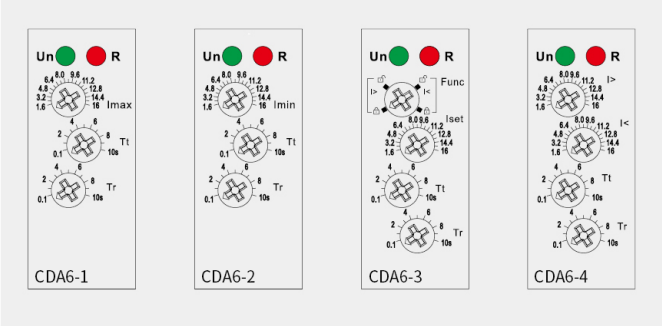
功能图 Function Diagramw



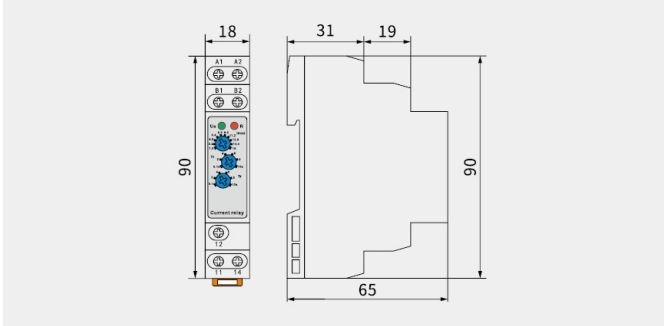
接线图 Wiring Diagram



面板图 Panel 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.