



## **Product**

Intelligent Six Relay Control Module

## **Architect and Engineering Specifications**

Intelligent six relay control module shall be a System Sensor model number CR-6. Addressable relay modules are intended for use in an intelligent fire alarm system and shall allow a compatible control panel to switch discrete contacts by code command. The six relay control module shall provide six isolated sets of Form-C contacts, which operate as a double-pole double-throw switch. The module shall allow the control panel to switch these contacts on command. The module shall not provide supervision for the notification appliance circuit (NAC). Module shall have both normally open and normally closed connections available for field wiring.

Each module shall have its own address. A pair of rotary code switches shall be used to set the address of the first module from 01 to 94. The remaining modules shall be automatically assigned to the next five sequential addresses. Because of the possibility of installation error, systems that use binary jumpers or dipswitches to set the module address are not acceptable. Provisions are included for disabling a maximum of three unused modules to release the addresses to be used elsewhere. The modules shall also store an internal identifying code that the control panel shall use to identify the type of module. Systems that require a special programmer to set the module address (including temporary connection at the panel) are labor intensive and not acceptable. Each module responds to regular polls from the system and reports its type and status.

Each module address shall have an associated LED that is controlled by the panel to indicate module status. Coded signals, transmitted from the panel, can cause the LED to blink, latch on, or latch off. Refer to the control panel technical documentation for module LED status operation.

The relay coil shall be magnetically latched to insure that 100% of all auxiliary relays or may be energized at the same time on the same pair of wires. The module will use plug-in terminal blocks for easy wiring. Wiring terminals shall be easily accessible for troubleshooting while installed.

## **Meets Agency Standards**

- ANSI/ UL 864- Control Units and Accessories for Fire Alarm Systems
- ULC S527- Control Units for Fire Alarm Systems
- FM- NFPA 72- National Fire Alarm Code