



Product

Conventional Six Zone Interface Intelligent Module

Architect and Engineering Specifications

Conventional six zone interface intelligent module shall be a System Sensor model number CZ-6. The module shall provide an interface between the intelligent alarm system and a two-wire conventional detection zone. All two-wire detectors being monitored must be two-wire UL compatibility listed with the modules. The module shall transmit the status of a zone of two-wire detectors to the fire alarm control panel. Status conditions are reported as normal, open or alarm. A common signaling line circuit (SLC) input shall be used for all modules, and the initiating device circuits will share a common external supply. Otherwise, each module shall operate independently from the others. The interface module shall supervise the zone of detectors and the connection of the external power supply.

The module shall supervise the zone of detectors and the connection of the external power supply. The module shall provide terminal connections for a resettable external supply voltage to provide power to the initiating device circuit (IDC) or zone of two-wire smoke detectors. Module shall have ability to signal faults related to open circuit or no power supply connected.

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 two 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 IDC (zone) shall be wired for Class A (Style D) or Class B (Style B) operation. 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