



## **Product**

Intelligent Ten Input Monitor Module

## **Architect and Engineering Specifications**

Intelligent ten input monitor module shall be a System Sensor model number IM-10. Addressable monitor modules are intended for use in an intelligent fire alarm system and are intended to interface between a control panel and normally open contact devices, such as pull stations, security contacts, or flow switches. A common signaling line circuit (SLC) input is used for all modules, and the initiating device loops share a common supervisory supply and ground. Otherwise, each monitor shall operate independently from the others. Status conditions are reported as normal, open or short.

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 90. The remaining modules shall be automatically assigned to the next nine 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 green 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