ALPHA INTELLIGENT ADDRESSABLE MODULES

MIX-100 SERIES

MIX-101P

MIX-100P

MIX-100S

MIX-100X

Features

- Designed to meet a wide range of applications

- For use with the FX-350 Series Fire Alarm Control Panels

- Fast response time

- Priority Interrupt feature on monitor modules

- Monitor modules can be wired as a Class A (Style D) or Class B (Style B)

- Each module can be addressed from 1 to 126

- Eight position dip switch for address setting

- Red light indicator

- Modules mount in standard 4″ junction box

Description

Mircom's Alpha Series Intelligent Addressable Modules are designed to meet a wide range of applications. The monitor and control modules can be used to supervise and activate sounders, strobes, door closers, pull stations, waterflow switches, conventional smoke detectors and more. An eight position dip switch allows for the address setting of the device and the wiring class/style of the devices that are connected to the module. All modules mount in a standard 4" x 4" x 2 1/8" junction box.

Intelligent Addressable Priority Monitor Module (MIX-100P)

The Intelligent Addressable Priority Monitor Module (MIX-100P) provides an address for a group of UL/ULC Listed normally open (N.O.) initiating devices, such as heat detectors, beam smoke detectors, 4-wire smoke detectors, waterflow switches, manual pull stations, etc. wired in a Class A (Style D) or Class B (Style B) initiating circuit. The MIX-100P is equipped with a priority interrupt to provide a fast response to emergency conditions. The MIX-100P has an activated red LED.

Intelligent Addressable Priority Mini-Monitor Module (MIX-101P)

The Intelligent Addressable Priority Mini Monitor Module provides an address for a group of UL/ULC Listed Normally Open (N.O.) initiating devices, such as heat detectors, projected beam smoke detectors, 4-wire smoke detectors, waterflow switches, manual pull stations, etc. wired in a Class A (Style D) or Class B (Style B) initiating circuit. The MIX-101P is equipped with a priority interrupt to provide a fast response to emergency conditions. The MIX-101P has an activated red LED.

Intelligent Addressable Relay Module (MIX-100R)

The Intelligent Addressable Relay Module connects to the same loop as the initiating devices and provides two isolated sets of Form-C contacts to control a variety of normally open or normally closed contact applications cuch as fan operation and door closures. The MIX-100R has an activated red LED which follows the state of the relay contacts.

CATALOG NUMBER

5675

Intelligent Addressable Supervised Control Module (MIX-100S)

The MIX-100S Control module provides supervised monitoring of wiring to signal devices that require an external power supply to operate, such as horns, strobes, bells or speaker isolators. Conventional signals will require a 24 VDC power source and speakers will require an audio input. The red LED will illuminate when the module is activated. The module is capable of Class A (Style Z) or Class B (Style Y) supervision.

Fault Isolator Module (MIX-100X)

The MIX-100X Fault Isolator Module is used to protect the system against wire-to-wire short circuits on the analog loop. The modules should be spaced between groups of sensors or modules in a loop to protect the rest of the loop. In the event of a short circuit between any two fault isolator modules, both modules immediately switch to an open circuit condition and isolate any group of sensors between them. The remaining units on the circuit will continue to operate in a normal fashion (must be wired in Class 'A' or Style 6).

Specifications

General Specifications

Operating Voltage	16-28 VDC
Communication	Class A (Style D) or Class B (Style B) switch selectable
Relative Humidity	0% to 95% (No condensation or icing)

Operating Temperature	0°F to +155°F (-20°C to +70°C)
Housing/Cover Plate Finish	White Polycarbonate

MIX-100P and MIX-101P

Current Consumption	600 µA	
Alarm Current	4.6 mA (LED on)	
Dimensions	MIX-100P	4.0" W x 4.0" H x 1.3" D
	MIX-101P	3.0" W x 2.0" H x 0.75" D
Weight	MIX-100P	3.0 oz. (85.8g)
	MIX-101P	1.5 oz. (42.6g.)

MIX-100X

Current Consumption	35µA at 24V
Max. Line Current	1 Amp
Line Resistance	0.2 ohm
Dimensions	4.0" W x 4.0" H x 1.3" D
Weight	3.0 oz. (85.8g)

MIX-100S

Current Consumption	1 mA	
Source Power	Signals	24 VDC regulated
	Speakers	70.7 V RMS
Ratings	2A @ 30VDC, 0.6A @ 125VAC	
Dimensions	4.0" W x 4.0" H x 1.3" D	
Weight	3.0 oz. (85.8g)	

MIX-100R

Current Consumption	250 µA
Ratings	2A @ 24VDC, 0.5A @ 30VAC
Dimensions	4.0" W x 4.0" H x 1.3" D
Weight	3.0 oz. (85.8g)

Ordering Information

Model	Description
MIX-100P	Intelligent Addressable Priority Monitor Module
MIX-101P	Intelligent Addressable Priority Mini Monitor Module
MIX-100R	Intelligent Addressable Relay Module
MIX-100S	Intelligent Addressable Supervised Control Module
MIX-100X	Fault Isolator Module