Mircom MIX-M501MAP Monitor Module Instruction Manual

Contents

Mircom™

Mircom MIX-M501MAP Monitor Module

Specifications

- **Nominal Operating Voltage:** 15-32 VDC
- **Maximum Alarm Current:** 600 uA
- **Average Operating Current:** 400 µA, 1 communication every 5 seconds, 47k EOL
- **EOL Resistance:** 47K Ohms
- **Maximum IDC Wiring Resistance:** 40 Ohms
- **Maximum IDC Voltage:** 11 Volts
- **Maximum IDC Current:** 400µA
- **Temperature Range:** 32°F to 120°F (0°C to 49°C)
- **Humidity:** 10% to 93% Non-condensing
- **Dimensions:** 1.3″ H × 2.75″ W × 0.65″ D
- **Wire Length:** 6″ minimum

BEFORE INSTALLING

This information is included as a quick reference installation guide. Refer to the control panel installation manual for detailed system information. If the modules will be installed in an existing operational system, inform the operator and local authority that the system will be temporarily out of service. Dis-connect power to the control panel before installing the modules.
NOTICE: This manual should be left with the owner/user of this equipment.

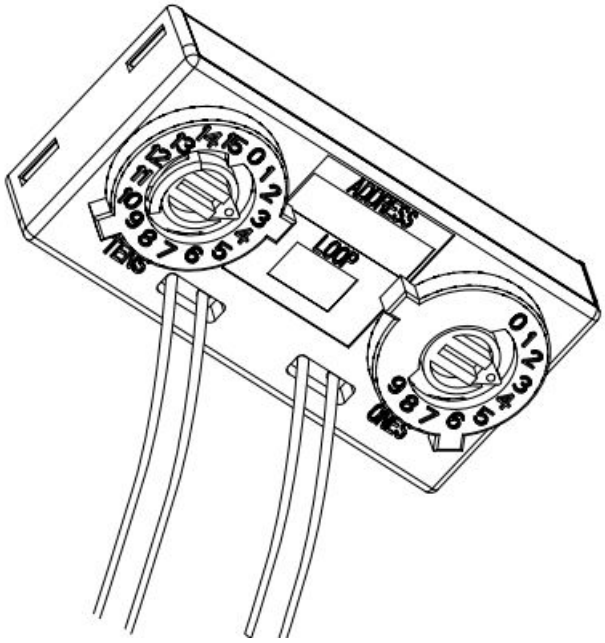
GENERAL DESCRIPTION

The MIX-M501MAP monitor module can be installed in a single gang junction box directly behind the monitored unit. Its small size and light weight allow it to be installed without rigid mounting (see Figure 1). The MIX-M501MAP is intended for use in intelligent, two-wire systems where the individual address of each module is selected using rotary decade switches. It provides a two-wire initiating circuit for normally open contact fire alarm and security devices.

COMPATIBILITY REQUIREMENTS

To ensure proper operation, this module should only be connected to a com-patible control panel.

FIGURE 1:

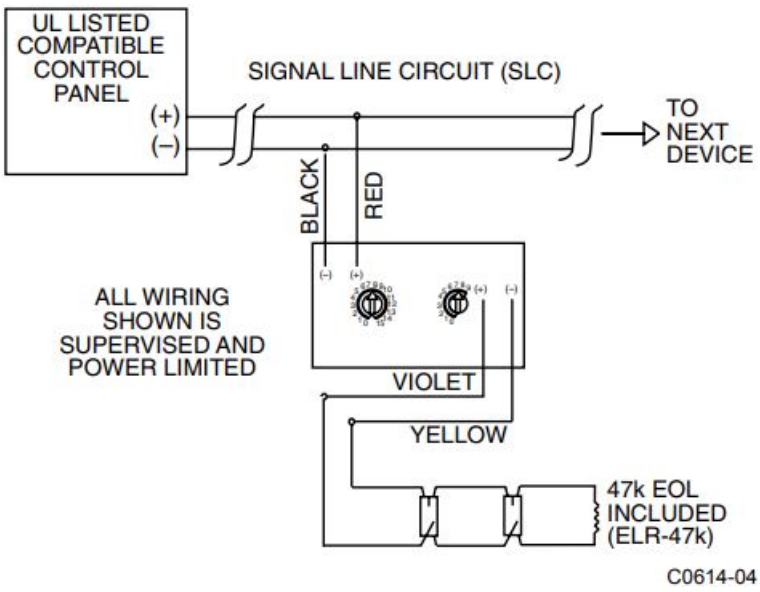


MOUNTING AND WIRING

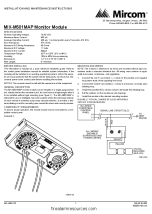
NOTE: This module is intended to be wired and mounted without rigid con-nections inside a standard electrical box. All wiring must conform to appli-cable local codes, ordinances, and regulations.

1. Connect the red (+) and black (–) wires to the positive and negative loop power leads of the signaling line circuit.
2. Connect the violet (+) and yellow (–) wires to a two-wire, normally open initiating loop.
3. Install the specified EOL resistor value to terminate the initiating loop.
4. Set the address on the module per job drawings.
5. Install the module in the desired mounting location.

FIGURE 2. TYPICAL 2-WIRE STYLE B INITIATING CIRCUIT CONFIGURATION



Documents / Resources

	Mircom MIX-M501MAP Monitor Module [pdf] Instruction Manual MIX-M501MAP Monitor Module, MIX-M501MAP, Monitor Module, Module

References

- Fire Alarm Resources | Download fire alarm documents