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Mircom MIX-4040 Dual Input Module Instruction Manual

MGC™

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INSTALLATION AND MAINTENANCE INSTRUCTIONS

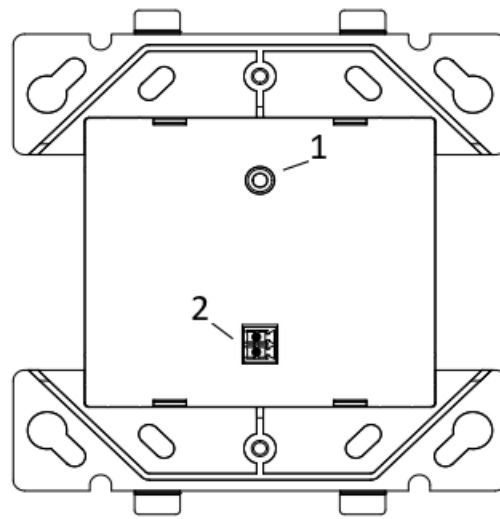## MIX-4040 DUAL INPUT MODULE

ABOUT THIS MANUAL

This manual is included as a quick reference for installation. For further information on the use of this device with a FACP, please refer to the panel's manual.

Note: This manual should be left with the owner/operator of this equipment.

MODULE DESCRIPTION

The MIX-4040 Dual Input module is designed to operate with a listed compatible intelligent fire system control panel. The module can support one Class A or 2 Class B inputs. When configured for Class A operation, the module provides an internal EOL resistor. When configured for Class B operation, the module can monitor two independent input circuits while using only one module address. The address of each module is set using the MIX-4090 programmer tool and up to 240 units may be installed on a single loop. The module has a panel controlled LED indicator.

FIGURE 1 MODULE FRONT:

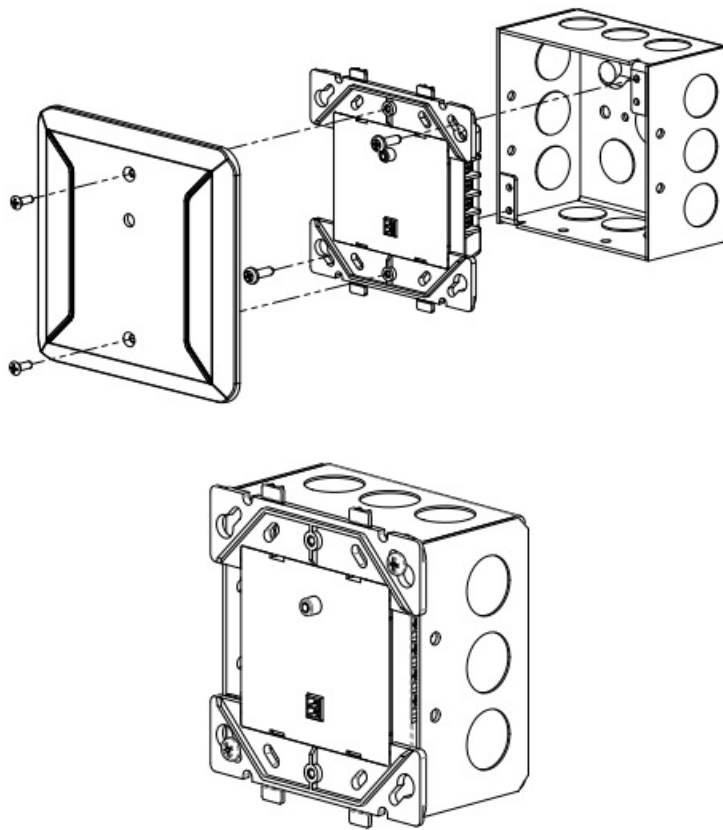1. LED
2. PROGRAMMER INTERFACE

SPECIFICATIONS

Normal Operating Voltage:	15 to 30VDC
Alarm Current:	3.3mA
Standby Current:	2mA with two 22k EOL
EOL Resistance:	22k Ohms
Maximum Input Wiring Resistance:	150 Ohms total
Temperature Range:	32F to 120F (0c to 49C)
Humidity:	10% to 93% Non-condensing
Dimensions:	4 5/8"H x 4 1/4" W x 1 1/8" D
Mounting:	4" square by 2 1/8" deep box
Accessories:	MIX-4090 Programmer BB-400 Electrical Box MP-302 EOL on mounting plate
Wiring range on all terminals:	22 to 12 AWG

MOUNTING

Notice: You must disconnect power from the system before installing the module. If this unit is being installed in a system that is currently operational, it is necessary to inform the operator and the local authority that the system will be temporarily out of service.

The MIX-4040 module is intended to be mounted in a standard 4″ square back-box (see Figure 2). The box must have a minimum depth of 2 1/8 inches. Surface mounted electrical boxes (BB-400) are available from Mircom.
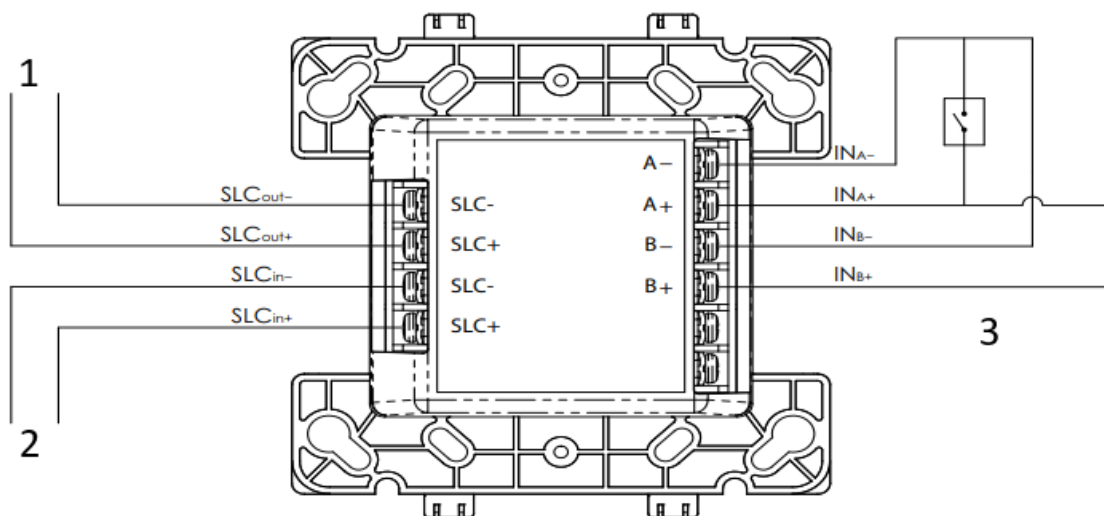
FIGURE 2 MODULE MOUNTING:

WIRING:

Note: This device should be installed as per applicable requirements of the authorities having jurisdiction. This device shall be connected to power limited circuits only.

1. Install the module wiring as indicated by the job drawings and appropriate wiring diagrams (see Figure 3 for an example of wring for a Class A connected device and Figure 4 for an example of Class B)
2. Use the programmer tool to set the address on the module as indicated on the job drawings.
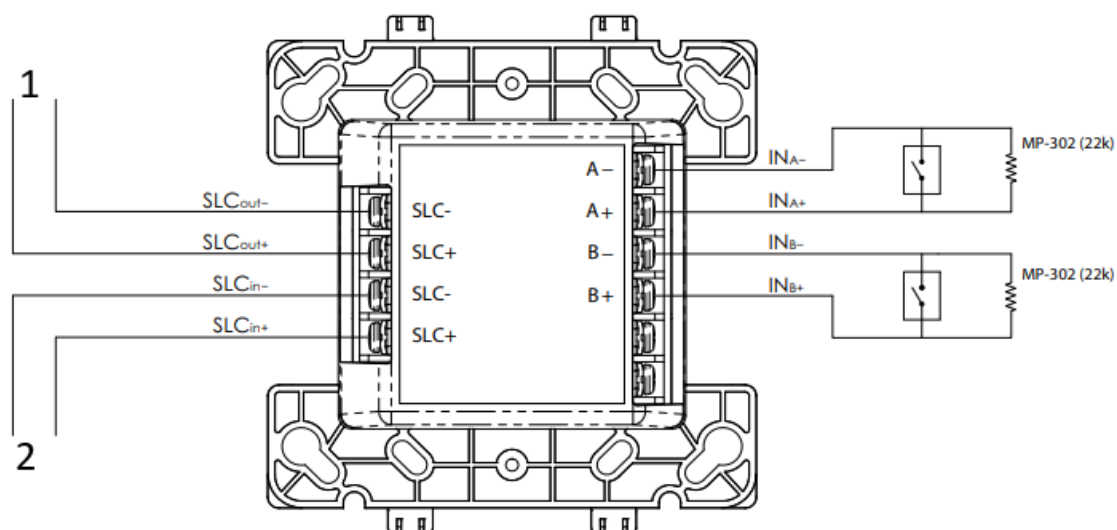3. Mount the module in the electrical box as shown in figure 2.

FIGURE 3 SAMPLE CLASS A WIRING:

1. TO PANEL OR NEXT DEVICE
2. FROM PANEL OR PREVIOUS DEVICE

3. E.O.L RESISTOR INSDE THE MODULE

FIGURE 4 SAMPLE CLASS B WIRING:

1. TO PANEL OR NEXT DEVICE
2. FROM PANEL OR PREVIOUS DEVICE

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Documents / Resources

Mircom MIX-4040 Dual Input Module [pdf] Instruction Manual
MIX-4040 Dual Input Module, MIX-4040, Dual Input Module, Input Module, Module

References

- **Mircom - Smart Buildings. Smarter Solutions.**
- **Manual-Hub.com - Free PDF manuals!**
- **User Manual**