

MGC MIX-4040 Dual Input Module Instruction Manual

Home » MGC » MGC MIX-4040 Dual Input Module Instruction Manual

Contents [hide

- 1 MGC MIX-4040 Dual Input
- Module
- **2 ABOUT THIS MANUAL**
- **3 MODULE DESCRIPTION**
- **4 FIGURE 1 MODULE FRONT**
- **5 MOUNTING**
- **6 SPECIFICATIONS**
- 7 WIRING
- 8 Documents / Resources
 - 8.1 References
- 9 Related Posts



MGC MIX-4040 Dual Input Module



ABOUT THIS MANUAL

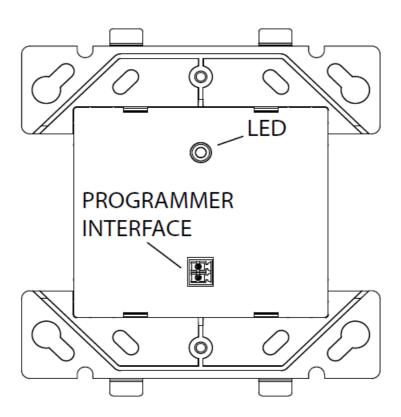
This manual is included as a quick reference for installation. For fur-ther information on the use of this device with a FACP, please refer to the panel's manual.

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 sup-port one Class A or 2 Class B inputs. When configured for Class A operation, the module provides an internal EOL resistor. When con-figured 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.

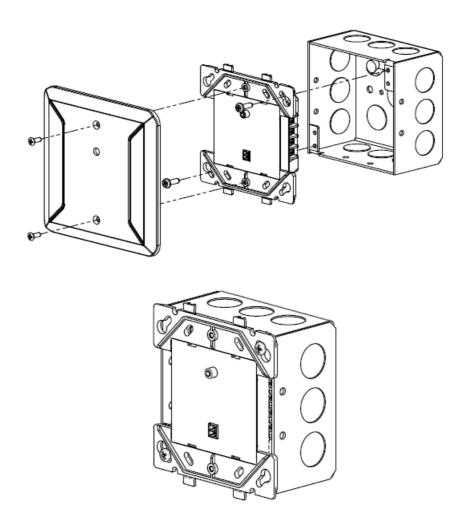
FIGURE 1 MODULE FRONT



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 backbox (see Figure 2). The box must have a minimium depth of 2 1/8 inches. Surface mounted electrical boxes (BB-400) are available from Mircom.

FIGURE 2 MODULE MOUNTING:



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

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:

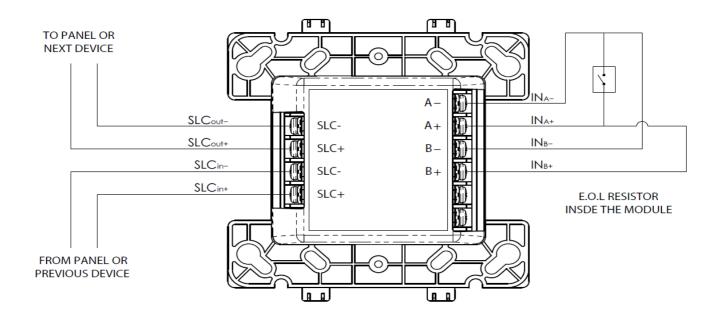
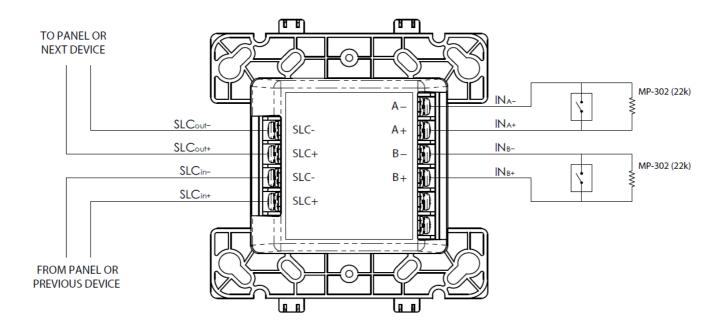


FIGURE 4 SAMPLE CLASS B WIRING:



Documents / Resources



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

References

- M Fire Alarm Resources | Download fire alarm documents
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