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MGC MIX-4045 Dual Relay Module Instruction Manual

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MGC MIX-4045 Dual Relay Module

INSTALLATION AND MAINTENANCE INSTRUCTIONS

MIX-4045 DUAL RELAY MODULE
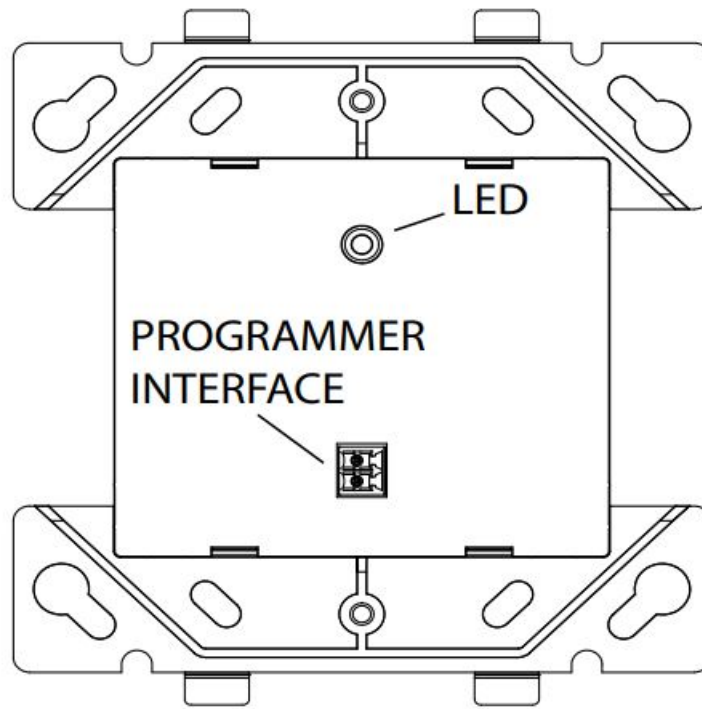
ABOUT THIS MANUAL
This manual is included as a quick reference for installation. For fur-ther information on the use of this device with a FACP, please refer to the panel's manual.
Note: This manual should be left with the owner/operator of this equipment.

MODULE DESCRIPTION
The MIX-4045 Dual Relay module is designed to operate with a listed compatible intelligent fire system control panel. The module can con-trol two independent circuits while using only one module address. The module provides two form C (SPDT) contacts rated at 2A @ 30VDC or 0.5A at 125VAC and a compatible panel can switch dis-crete contacts by code command. Circuit connections to the relay contacts are not supervised by the module. The module supports group activation capability for fast reaction time. The SLC and non-power limited connections are on opposite side of the device for easy installation (no need to install an additional barrier). 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.
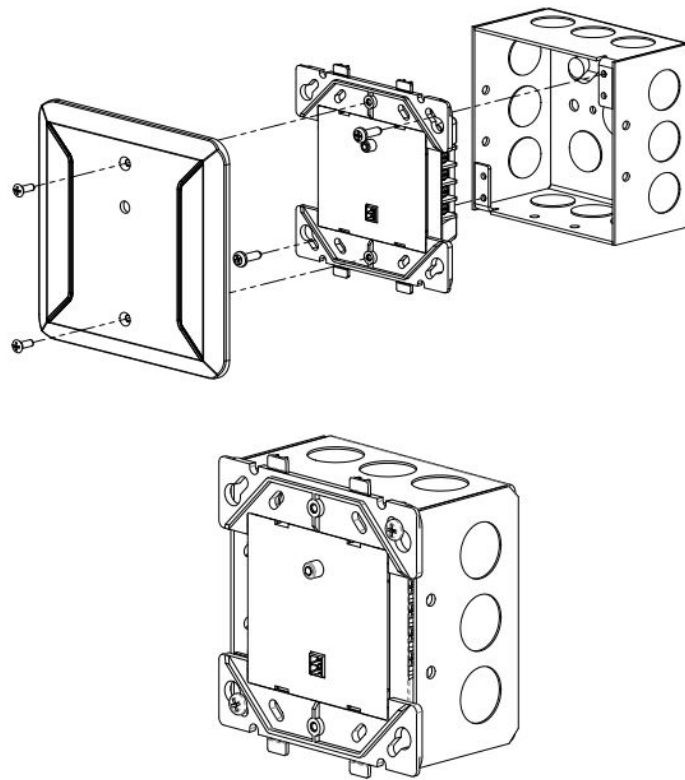
FIGURE 1 MODULE FRONT:

SPECIFICATIONS

- **Normal Operating Voltage:** 15 to 30VDC
- **Alarm Current:** 3.1mA
- **Standby Current:** 1.5 mA
- **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
- **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-4045 module is intended to be mounted in a standard 4" square back-box (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.
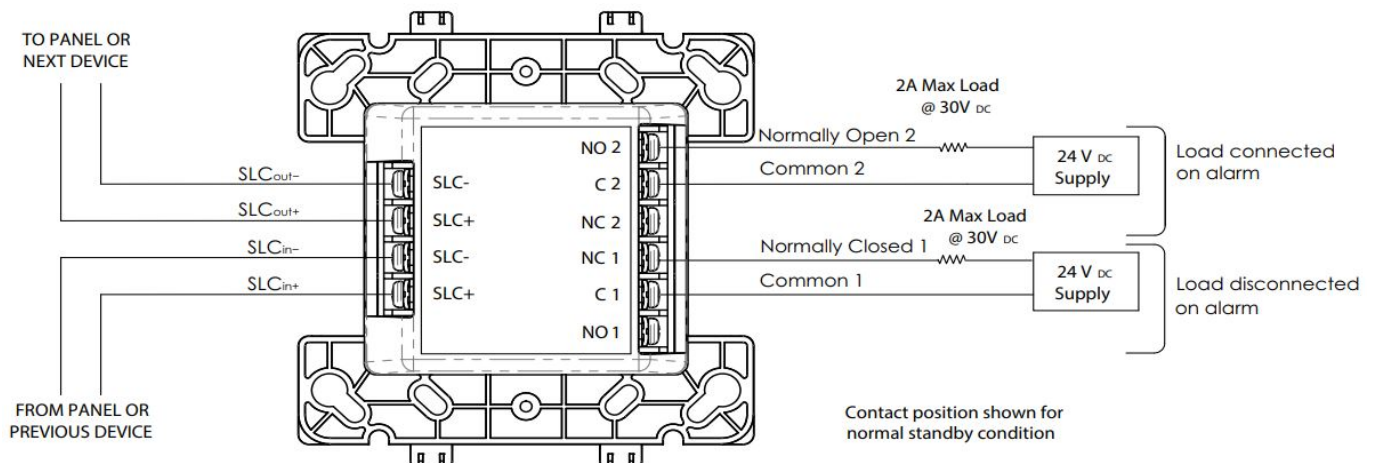
FIGURE 2 MODULE MOUNTING:

WIRING:

Note: This device should be installed as per applicable requirements of the authorities having jurisdiction.

1. Install the module wiring as indicated by the job drawings and appropriate wiring diagrams (see Figure 3 for an example of wiring for two connected devices).
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 RELAY WIRING:

firealarmresources.com
25 Interchange way, Vaughan Ontario. L4K 5W3
Phone: 905.660.4655;
Fax: 905.660.4113
Web: www.mircom.com

Documents / Resources

MGC MIX-4045 Dual Relay Module [pdf] Instruction Manual
MIX-4045 Dual Relay Module, MIX-4045, Dual Relay Module, Relay Module, Module

References

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