



Description

The MIX-4040 Dual Input Module is an intelligent addressable device designed to be used with a MGC compatible control panel, providing a high rate of exchanged information with fast and secure responses.

The module can be used for alarm, supervisory, or monitor type applications.

The MIX-4040 Dual Input module provides two (2) independent contact monitoring circuits only utilizing one (1) address on the SLC loop.

The module supports one (1) Class A or two (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 monitors two (2) independent input circuits using only one (1) module address.

The module has a panel controlled LED indicator. The LED flashes during normal operation and stays ON steadily when the device is in alarm condition.

The address of each module is set using the MIX-4090 programmer tool. For setting the address on this device, disconnect it from the loop, or ensure that the loop to which is connected is both disconnected from the panel and shorted across the SCL+ and SLC- inputs at the device. Failing to take either of these steps may change the address programming of previously configured sensors on the loop.

Features

- Any combination of MIX-4000 series devices up to 240 can be connected on a single SLC.
- Mounts in a standard 4" square or double gang electrical back box.
- Indicating LED provides module status

Benefits

- Fast, reliable contact monitoring.
- Will automatically set inputs to single Class A or dual Class B according to the configuration sent by the fire alarm panel.
- No EOL resistor required when input is in Class A operation.
- Monitors two (2) independent circuits in Class B using one (1) module address



Technical Specifications

| | |
|---------------------------------|--|
| Normal Operating Value | 15 to 30 VDC |
| Maximum Alarm Current | 3.3mA (LED on) |
| EOL Resistance | 22K Ohms |
| Maximum Input Wiring Resistance | 150 Ohms Total |
| Temperature Range | 32°F to 120°F (0°C to 49°C) |
| Humidity | 10% to 93% Non-condensing |
| Wiring Range on all terminals | 22 to 12 AWG |
| Dimensions | 4.625"H x 4.25" W x 1.125" D |
| Mounting | Typically mounted on a standard 4" square box. Also compatible with double-gang electrical boxes or Mircom BB-400 surface mount box. |
| Standby Current (2 Class B) | 2mA |

Ordering Information

| Model | Description |
|----------|--|
| MIX-4040 | Dual Input Module |
| MIX-4090 | MIX-4000 Addressable Device Programmer |
| MP-302 | EOL on Mounting Plate |
| BB-400 | Surface Mount Electrical Box |



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