



## Description

The MIX-4070 SLC Short Circuit Isolator Module is designed to be used with an MGC compatible control panel.

The Isolator Module allows part of the communication loop to continue operating when a short circuit occurs on it.

An LED indicator blinks in the normal condition and illuminates steadily during a short circuit condition. Only the LEDs on the devices next to the short illuminate steady for easy identification of a faulty SLC section.

The module will automatically restore the entire communication loop to the normal condition when the short circuit is removed.

This is a hardware only device and does not require an address.

There are no limits to the number of MX-4070 devices installed on the SLC as long as the total loop current limit is respected.

## Features

- Mounts in a standard 4" square or double gang electrical back box
- Indicating LED provides module status
- Automatic action, no device address required

## Benefits

- Short Circuit isolation, allowing the remaining devices to continue operating
- Easily identify a faulty SLC section
- Self-restoring

## Technical Specifications

|                           |  |
|---------------------------|--|
| Normal Operating Value    | 15 to 30 VDC   |
| Activation Current        | 9.6mA  |
| Standby Current           | 0.6mA  |
| Temperature Range         | 32°F to 120°F (0°C to 49°C)  |
| Humidity                  | 10% to 93% Non-condensing  |
| Wiring range on 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. |

## Ordering Information

| Model    | Description                   |
|----------|-------------------------------|
| MIX-4070 | Short Circuit Isolator Module |
| BB-400   | Surface Mount Electrical Box  |

### Canada

25 Interchange Way Vaughan, ON L4K 5W3  
Telephone: (905) 660-4655 | Fax: (905) 660-4113

### U.S.A.

4575 Witmer Industrial Estates Niagara Falls, NY 14305  
Toll Free: (888) 660-4655 | Fax Toll Free: (888) 660-4113

www.mircom.com



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