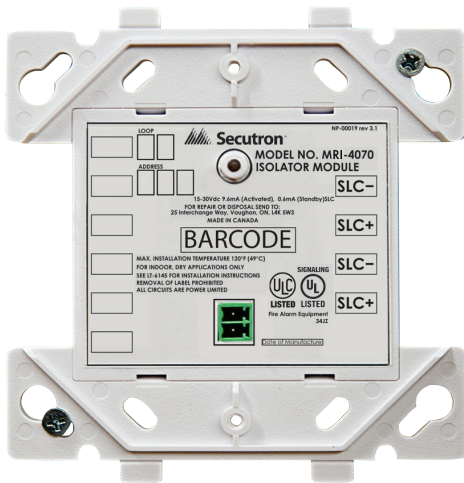


MRI-4070

SHORT CIRCUIT ISOLATOR MODULE



Description

The MRI-4070 SLC Short Circuit Isolator Module is designed to be used with a compatible fire alarm control unit.

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 MRI-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
MRI-4070	Short Circuit Isolator Module
BB-400	Surface Mount Electrical Box



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