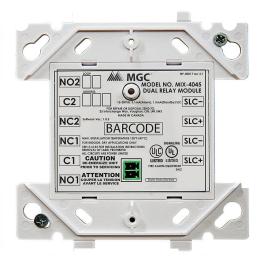## Features

- 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.
- Two individually controllable contacts per module.
- Each contact provide access to normally closed and normally open sides.
- Contact position is verified by the module. Stuck or inoperative contacts are reported as a trouble.

Description

The MIX-4045 Dual Relay Module is an intelligent addressable device designed to be used with an MGC compatible control panel, providing high rates of information exchange and fast and secure responses.

The MIX-4045 Dual Relay Module controls 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 the Fire panel can control each contact individually.

Contacts are electrically isolated from the Fire alarm panel at all times. Refer to MIX-4046 if a supervised output is required.

The contact position is verified by the module at all times. If a contact is not at the required position during standby or active conditions, a trouble will be reported by the panel.

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.

Benefits

- The SLC and externally powered connections are on opposite sides of the device for easy installation (no need to install an additional barrier).
- Supports group activation capability for fast reaction time
- Provides two (2) outputs using only one (1) module address

CATALOG NUMBER

9508

Technical Specifications

Normal Operating Value	15 to 30 VDC
Maximum Alarm Current	3.1 mA
Standby Current	1.5 mA
Temperature Range	32ºF to 120ºF (0ºC to 49ºC)
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.

Ordering Information

Model	Description
MIX-4045	Dual Relay Module
MIX-4090	MIX-4000 Addressable Device Programmer
BB-400	Surface Mount Electrical Box