

M500X Fault Isolator Module

Specifications

Normal Operating Voltage:	15 - 32 VDC
Stand-by Current:	450 μ A
Temperature Range:	32°F to 120°F (0°C to 49 °C)
Humidity:	10 to 93% Non-condensing
Dimensions:	4 1/2" H \times 4" W \times 1/4" D (Mounts to a 4" square by 2 1/8" deep box)

Before Installing

This information is included as a quick reference installation guide. Refer to the control panel installation manual for detailed system information. If the modules will be installed in an existing operational system, inform the operator and local authority that the system will be temporarily out of service. Disconnect power to the control panel before installing the modules.

NOTICE: This manual should be left with the owner/user of this equipment.

General Description

M500X Fault Isolator Modules enable part of the communications loop to continue operating when a short circuit occurs on it. An LED indicator blinks in the normal condition and turns on during a short circuit condition. The module will automatically restore the entire communications loop to the normal condition when the short circuit is removed.

Compatibility Requirements

To insure proper operation, these modules shall be connected to listed compatible system control panels only.

NOTE: In general, up to 25 addressable devices may be grouped between isolator modules. However, for the purposes of determining the number of devices between isolator modules, one 3251 is equivalent to 12 addressable devices. For example, (13) 2251's and (1) 3251 may be grouped between two isolator modules.

Mounting

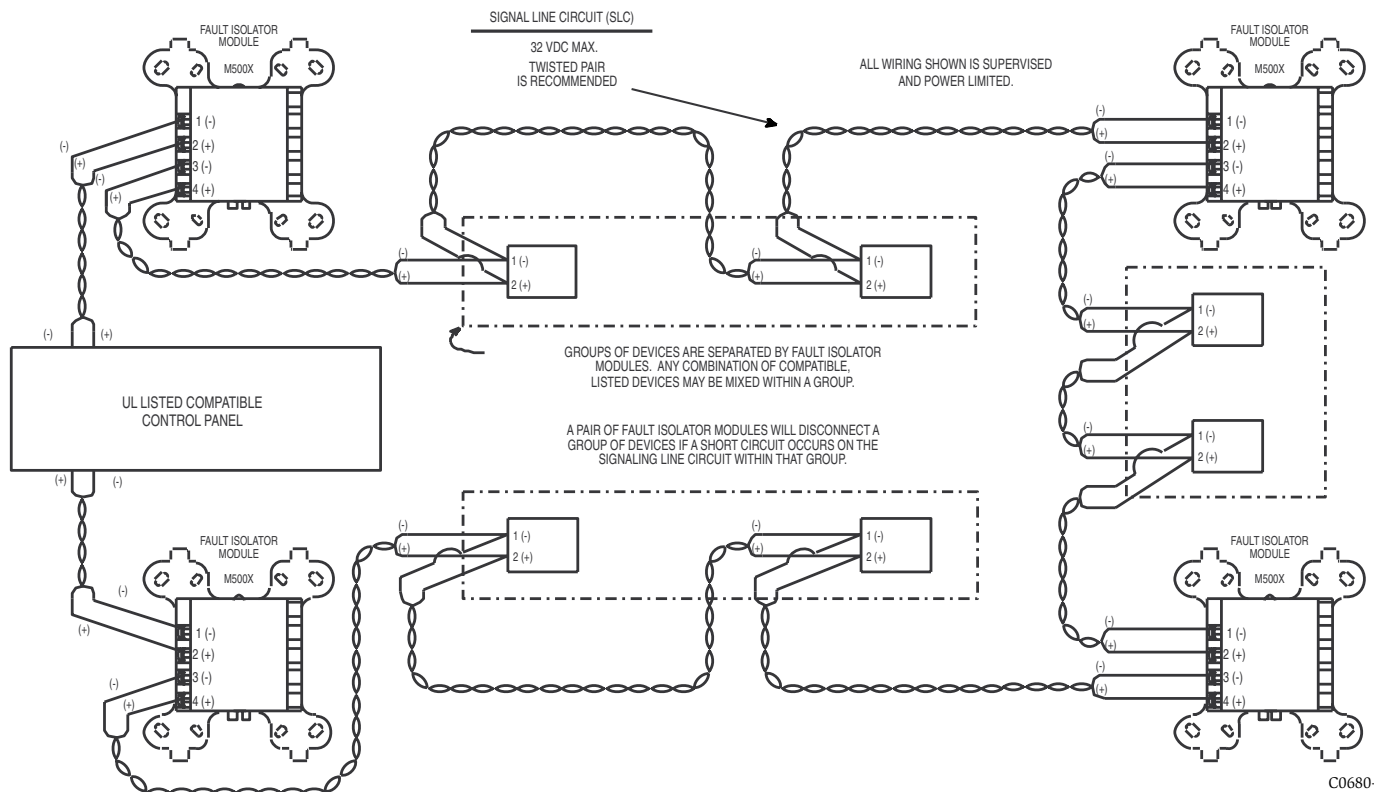
M500X modules mount directly to 4" square electrical boxes. The box must have a minimum depth of 2 1/8".

Wiring

NOTE: All wiring must conform to applicable local codes, ordinances and regulations.

1. Install module wiring in accordance with the job drawings and the wiring diagram in Figure 1.
2. Secure module to electrical box (supplied by installer).

Figure 1. M500X Fault isolator module wiring:



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