

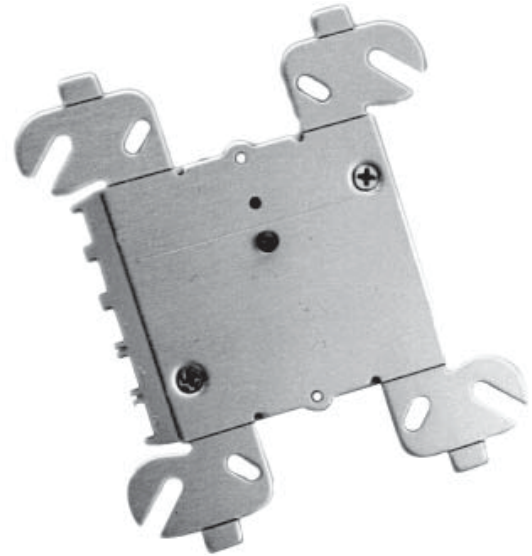


M500X Isolator Module



Description:

The 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.



M500X

Operation:

The M500X Fault Isolator Module is used in conjunction with the FX2000 Series Fire Alarm panel to protect the system against wire-to-wire short circuits on the analog loop. The modules should be spaced between groups of sensors or modules in a loop to protect the rest of the loop. In the event of a short circuit between any two fault isolator modules, both modules immediately switch to an open circuit condition and isolate any group of sensors between them. The remaining units on the circuit will continue to operate in a normal fashion (must be wired in Class 'A' or Style 6). A maximum load of 25 devices can be connected to an isolator to insure that the isolator powers up correctly.

Features:

- Used to protect the system against wire-to-wire short circuits on the analog loop
- Module will restore communications loop to normal when short circuit is removed
- UL Listed
- Used with FX2000 Series Fire Alarm Control Panels
- LED indicator for normal and short conditions

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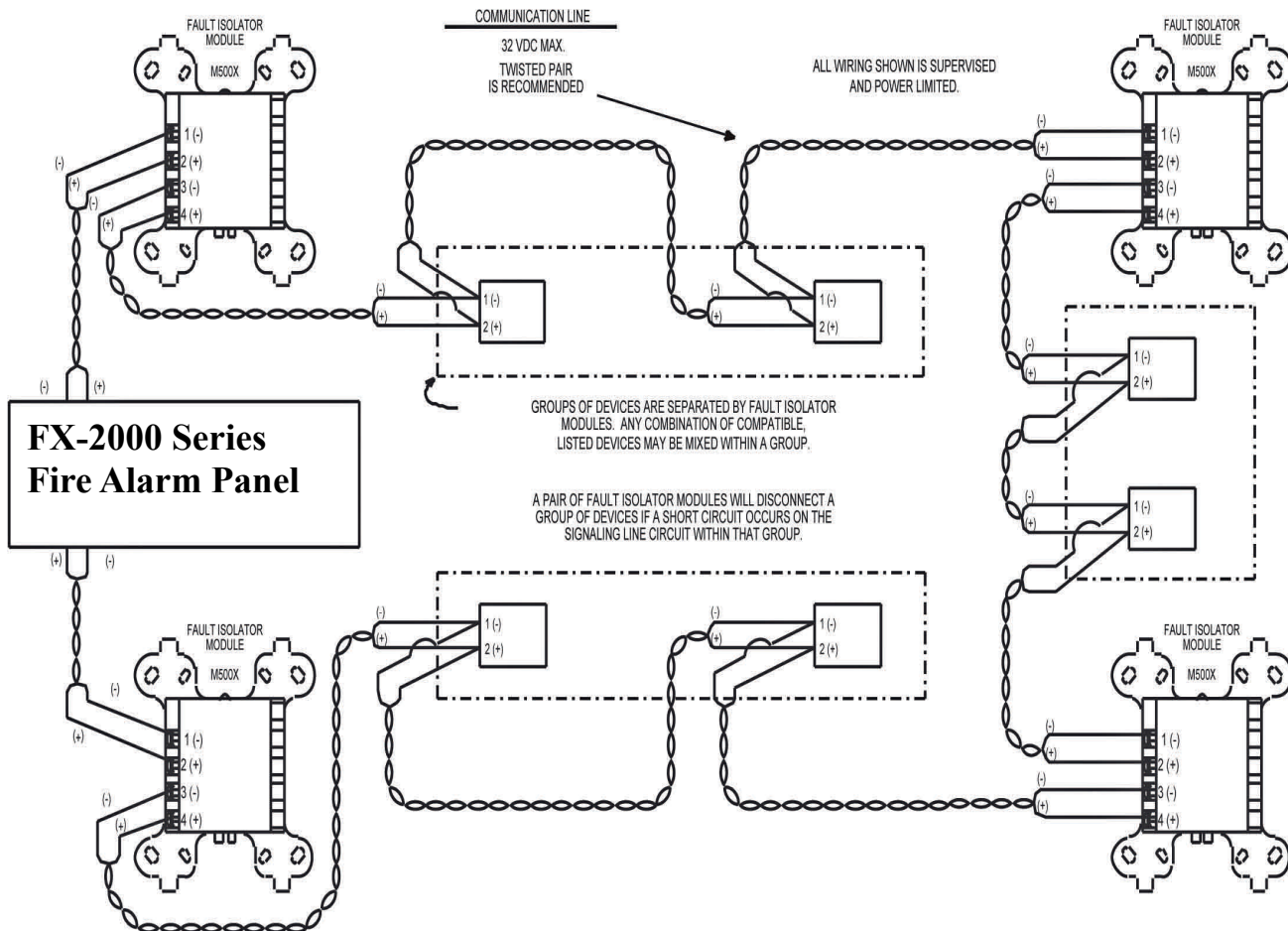
Specifications:

Standby Current:	450 uA max
Isolation Current:	5 mA max
EOL Resistance:	47K Ohms
Fault Detection Delay:	250 ms min.
Fault Detection Threshold:	4 volts
Line Restoration Threshold:	7 volts
Dimensions:	4.65"H x 4.25"W x 1.1"D
Weight:	6.3 ounces

Ordering Information:

Model No.	Description
M500X	Isolator Module
SM500X	Data Specification Sheet

M500X Fault isolator module wiring:



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