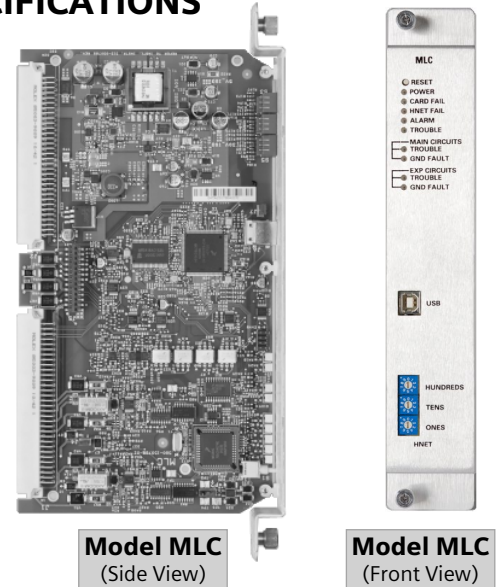


FireFinder® XLS

MXL Line Card Model MLC

ARCHITECT AND ENGINEER SPECIFICATIONS

- *Alarm, Trouble, Supervisory, Security* and *Status* reporting
- Two (2) intelligent analog device circuits
 - 60 intelligent devices per circuit
- Accepts remote conventional-zone modules
- Degradate mode
- Supports audible bases
- On-board microprocessor
- On-Board, ground-fault detection
- Programmable Input / Output module
- Short-circuit isolation with Model LIM-1
- Remote smoke-detector-sensitivity adjustor
- Independent control of detector relays
 - Up to 60 relays per circuit
- Intelligent contact monitoring devices
- 'Class B' (Style 4) or 'Class A' (Style 6) wiring position
 - Supports T-Tap wiring for 'Class B' circuits



Model MLC
(Side View)

Model MLC
(Front View)

- @UL 864 9th Edition Listed;
CSFM Approved

Product Overview

The MXL Line Card (Model MLC) is an optional card for the FireFinder XLS fire alarm control panel (FACP) that supplies two (2) intelligent analog circuits, utilizing the Model 'I' -series; Model 'ID' -series; Model 'IL' -series or Model 'FP' -series type intelligent devices.

Model MLC occupies two (2) addresses on the HNET network, and – through the use of a unique communications protocol – devices connected to the Model MLC circuits are dynamically supervised by FireFinder XLS.

Smoke detectors are monitored for sensitivity / obscuration, and notification is given when the sensitivity / obscuration is outside normal parameters.

Specifications

Each of the Model MLC circuits supports the use of up to 60 *Alarm; Trouble; security; status,* and *supervisory*-type devices. Further, remote conventional initiating-device zone modules (Model CZM-1B6); intelligent monitoring devices (Model TRI), and intelligent control points (Model ICP-B6) are also supported by Model MLC circuits.

Specifications – (continued)

Sensitivity of certain smoke detectors can be queried and adjusted at the FireFinder XLS control panel. Further, sensitivity / obscuration, as well – as other device information – can be displayed and printed at the FireFinder XLS.

Model MLC supports the use of relay bases and audible bases (independently controllable). To provide analog-loop, short-circuit isolation, the Model LIM-1 module can be used to prevent a single short circuit from interrupting loop-device communication.

Each Model MLC circuit can be wired in either a 'Class B' (Style 4) or 'Class A' (Style 6) configuration. When using the (Style 4) method, T-Tap wiring is permitted with no loss of supervision.

Model MLC has an on-board microprocessor, which provides the ability to function in a degrade mode and initiate alarm conditions, even if the FireFinder XLS main central-processing unit (CPU) fails. Model MLC plugs into one (1) card slot in the Model CC-5 or Model CC-2 card cage.

Temperature and Humidity Range

Model MLC is ®UL 864 9th Edition Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

Related Documentation

Product	Data Sheet Number
FireFinder XLS Overview	6300

Details for Ordering

Model	Part Number	Description
MLC	S54431-B4-A1	MXL Addressable Line Card for FireFinder XLS

Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.