

# MXL / MXLV

## Network-Option Module Card Cage Model MOM-2

### ARCHITECT AND ENGINEER SPECIFICATIONS

- Provides input terminals for auxiliary DC power
- Two (2) 1/2-width or one (1) full-width option-module slot
- Clamp-type screw terminals for field-wiring connections
- Accepts the following Models:
  - ALD-2I
  - CMI-300
  - CRM-4
  - CSM-4
  - CZM-4
  - MDACT
  - NET-7
  - NIM-1W
  - REP-1



- Mounts in MXL main cabinet; MXLR remote units, or MXL-SS enclosures
- **UL 864 9th Edition Listed, ULC Listed;**  
FM, CSFM, NYMEA and City of Chicago Approved

### Product Overview

The MXL Network-Option Module Card Cage (Model MOM-2) from Siemens Industry – Fire Safety provides the MXL main system, or MXL remote units with card slots for option modules. Each Model MOM-2 supplies connection space for either one (1) full-width option module: (Models ALD-2I; CZM-4 and NIM-1W); or two (2) half-width option modules: (Models CMI-300; CRM-4; CSM-4; MDACT; REP-1, and NET-7).

**Note:** Only one (1) Model CMI-300 and (1) Model MDACT may be used per MXL system. Modules are supplied with card guides.

Model MOM-2 also provides a means for connecting the option modules to the MXL network. Model MOM-2 routes 24V unfiltered / unregulated DC, and 5VDC to power the option modules. The DC power is either routed to Model MOM-2 from Models MMB-1, MMB-2, or Models SMB-1, SMB-2 main board; or to the Model PSR-1 network supply.

Screw terminals are mounted onto Model MOM-2 in order to provide easy access for field-wiring connections. Screw terminals are also provided for connection to an auxiliary power supply for use with Model CSM-4 indicating circuits (when additional audible / visual power is required).

Model MOM-4 mounts in the back boxes of each MXL panel – located at the main MXL, or MXLR panel.

Up to three (3) Model MOM-4 modules can be mounted into Model MME-3, which is the standard MXL enclosure. Six (6) Model MOM-4 modules can be mounted in the large MXL enclosure, which is Model MLE-6. In each of these enclosures, one (1) Model MOM-4 space is required, if a Model TSP-40A strip printer should be installed. Model MSE-3L can house one (1) Model MOM-4 in the panel's enclosure.

### Specifications

Interface between optional circuit cards and the MXL system network shall be provided by an expansion card cage (Model MOM-2). Model MOM-2 shall provide one (1) full-width, edge-connector type plug-in slots for the addition of the following network-option card modules:

- Analog Loop Driver Module [Model ALD-2I]
- Controllable Relay Module [Model CRM-4]
- Controllable Signal Module [Model CSM-4]
- Conventional Zone Module [Model CZM-4]
- CXL Modem [Model CMI-300]
- Network Interface Module [Model NIM-1W]
- Repeater Module [Model REP-1]

Models ALD-2I, CZM-4 and NIM-1R shall each occupy one (1) full slot in Model MOM-2. Models CMI-300, CRM-4, CSM-4, NET-7 and REP-1 shall each occupy one-half slot in Model MOM-2.

## Specifications – (continued)

Model MOM-2 shall also provide a distribution point for option-module power. Model MOM-2 shall supply necessary screw-terminal connections for any option-module field wiring. This shall allow the replacement of modules without the removal of field wiring.

Model MOM-2 shall be mounted in one of the MXL system back boxes.

## Temperature and Humidity Range

Model OMM-2 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).

## Compatible MXL Modules

Model Number	Part Number	Description
ALD-2I	500-891618	Analog Loop Driver
CMI-300	500-891238	CXL Interface Module
CRM-4	500-890401	Controllable Relay Module
CSM-4	500-890402	Controllable Signal Circuit Module
CZM-4	500-890488	Conventional Zone Module;
MDACT	500-699254	Multi-Point Digital Alarm Communicator
NIM-1W	500-699103	Network / Foreign Systems Interface Module
REP-1	500-892954	Network Repeater Module

## Installation and Operation Manual [IOM]

Model Number	Part Number	Description
MOM-2	315-092777	MXL Module Card Cage

**Note:** For further details, refer to MXLV IOM manual: 315-092036.

## Related Documentation

Product	Data Sheet Number
MXLV	5035
Enclosures	5056
Rack-Mount Equipment	5057

## Details for Ordering

Model Number	Part Number	Description
MOM-2	500-892766	MXL Module Card Cage

**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.