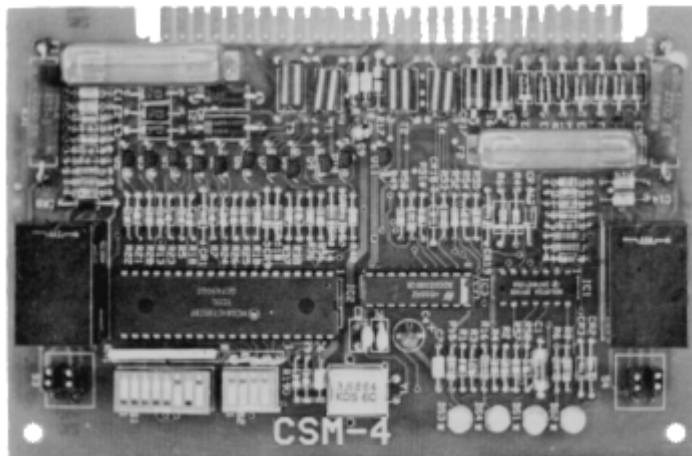


# MXL / MXLV

## Controllable Signal / Releasing Module Model CSM-4

### ARCHITECT AND ENGINEER SPECIFICATIONS

- Supervised alarm notification appliance circuits (NACs)
- Operates audible or visual modules
- Two (2) Class A [Style Z] or Class B [Style Y] circuits
- 24VDC, 1.5 Amps per circuit
- City tie or leased-line output
- Releasing service
- Fully programmable
- Coded audibles
- On-board microprocessor
- March Time / Uniform Code 3
- Automatic / manual control
- Silenceable / non-silenceable option
- Selectable-degrade operation



- Circuits power limited, per NEC 760
- NFPA 2001
  - Sinorix™ Engineered Fire Suppression
- ©UL 864 9th Edition Listed, ©ULC Listed CSFM and NYC Fire Dept. Approved

### Product Overview

The Controllable Signal Module (Model CSM-4) provides two (2) fully-supervised, programmable notification appliance circuits. Model CSM-4 supplies two (2) Class B [Style Y] or Class A [Style Z] output circuits for the supervision and control of listed audible or visual notification appliances, such as: horns, bells, strobes, etc. Each circuit can provide up to 1.5 amps (24 VDC) of current to power notification appliances.

Any output on a Model CSM-4 may be configured as either a supervised connection to a local energy type Master City Box or a supervised connection to a Leased Line remote monitoring system. Model CSM-4 circuits may also be configured for pre-action or deluge releasing service, per NFPA 2001, Sinorix™ Engineered Fire Suppression.

Each circuit or output may be controlled automatically through the program logic of the MXL panel or manually, using the MXL keypad.

Automatic control may also be time-based. Each circuit or output can be manually 'armed' or 'disarmed' through the MXL keypad. When any circuit or output has been 'disarmed,' the MXL liquid-crystal display (LCD) annunciator will indicate the affected circuit or output, and the "Partial System Disable" LED will illuminate, until the circuit or output has been returned to the 'armed' condition.

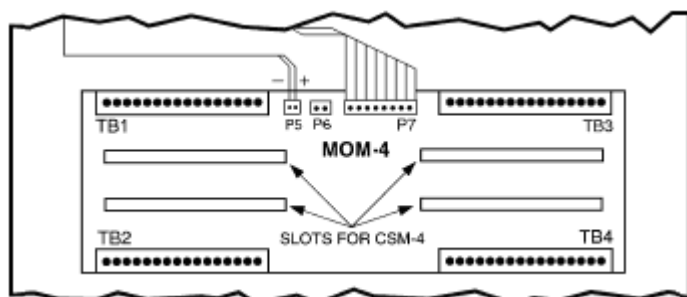
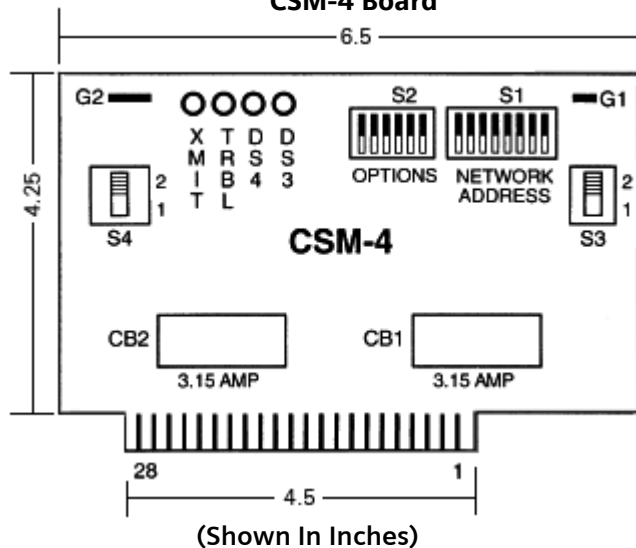
Model CSM-4 contains an on-board microprocessor that allows notification-circuit outputs to function in a degrade mode, even if the main MXL processor or the local network communication link has failed. Each circuit's degrade mode of operation can be separately configured to respond to an alarm in the following manner: 'Off'; 'On'; 'Continuously' or '1-Second On — 1-Second Off'.

In a degrade mode, each Model CSM-4 will respond to an alarm from any intelligent / analog initiating device (Model ALD) or conventional zone module (Model CZM) connected in the same local enclosure.

**Controllable Signal / Releasing Module 5001**

## Dimensions

### CSM-4 Board



CSM-4 Installation Slots

## Details for Ordering

Model Number	Part Number	Description
CSM-4	500-890402	Controllable Signal / Releasing Module

## Installation and Operation Manuals [IOMs]

Model Number	Part Number	Description
CSM-4	315-090854	Controllable Signal / Releasing Module

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

## Related Documentation

Product	Data Sheet Number
MXL	5000
MXLV	5035

## Temperature and Humidity Range

Model CSM-4 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 at a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

**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.