

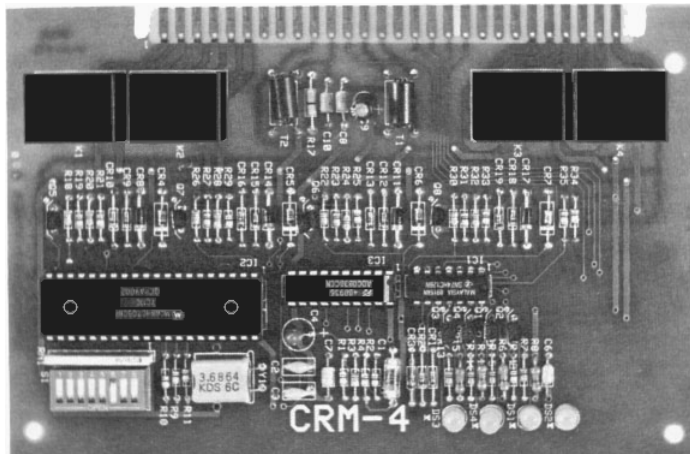
MXL / MXLV

Controllable Relay Module

Model CRM-4

ARCHITECT AND ENGINEER SPECIFICATIONS

- Four (4) independent relays
- Four (4) single-pole, double-throw (SPDT) 'Form C' relay contacts
- On-board microprocessor
- 2 Amps. @ 30 VDC / 120 VAC, resistive
- Fully programmable
- Time-based operation
- Automatic / manual control
- Supervised coils
- **UL 864 9th Edition Listed, ULC Listed;**
FM, CSFM, NYC Fire Department and
City of Chicago Approved



Product Overview

The Controllable Relay Module (Model CRM-4) is designed to provide auxiliary control of building functions, such as: door-holder release; elevator capture; smoke control; lock release, etc.

Model CRM-4 plugs into one-half slot in the either the Model MOM-4 or Model MOM-2 expansion card cage. Model CRM-4 provides four (4) fully programmable relays. Each relay contains one (1) set of SPDT contacts rated at 2 Amps at 30 VDC / 120 VAC, resistive. All relay coils are supervised to insure proper operation.

Individual relays can be automatically activated or deactivated through control by event and time-based logic contained in Model MMB. Each relay may also be either manually controlled or 'disarmed', and the Model MKB annunciator will indicate the affected relay and the 'partial system disable' indicator will illuminate until the relay is returned to an 'armed' condition.

Four (4) on-board light-emitting diodes (LEDs) are provided. Two (2) diagnostic LEDs provide positive indication of network communication for Model CRM-4. The remaining two (2) LEDs are end-user programmable, via MXL software.

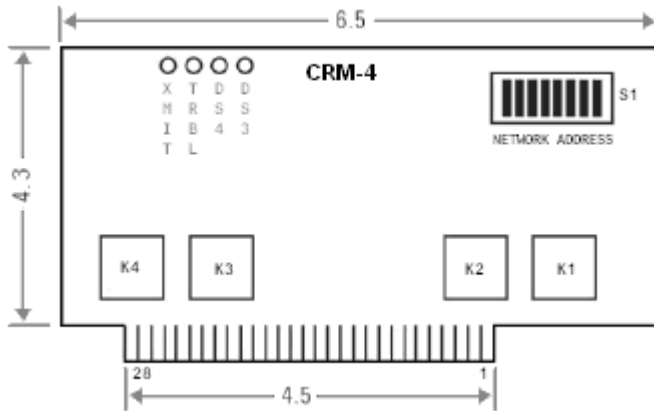
Specifications

External control of auxiliary functions shall be provided by Model CRM-4. Each relay shall provide one (1) set of SPDT contacts rated at 2 Amps at 30 VDC / 120 VAC, resistive. Relay coils shall be supervised.

Model CRM-4 shall interface with the expansion card cages (Model MOM-4 or Model MOM-2), using gold-plated edge connectors. Model CRM-4 shall occupy a one-half slot in Model MOM-4 or Model MOM-2. Up to four (4) Model CRM-4 modules may be plugged into each Model MOM-4 card cage, or two (2) Model CRM-4 modules may be plugged into each Model MOM-2 card cage.

Activation or deactivation of each relay shall be controlled automatically through event or time-based programming contained in the MXL panel. Each relay shall be capable of manual control through the MXL keypad. If a relay function is 'disarmed' using the MXL keypad, the system shall display a message indicating the disarmed relay, and the 'partial system disable' indicator shall illuminate until the relay is restored to the 'armed' condition.

Dimensions



(Shown In Inches)

Temperature and Humidity Range

Model CRM-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).

Details for Ordering

Model Number	Part Number	Description
CRM-4	500-890401	Controllable Relay Module

Installation and Operation Manuals [IOMs]

Model Number	Part Number	Description
CRM-4	315-090853	Controllable Relay Module

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

Related Documentation

Product	Data Sheet Number
MXL	5000
MXLV	5035

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.