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# GEMC-RM3008 RELAY MODULE DATA SHEET

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## GENERAL DESCRIPTION

The GEMC-RM3008 is an 8-channel relay interface accessory for use with the Gemini C-Series control panels. The GEMC-RM3008 relay board comes pre-mounted in a metal housing and connects onto the GEMC control panel Burglary or Fire bus along with other accessories such as keypads and zone expansion modules. Up to eleven (11) GEMC-RM3008 units may be used within a GEMC-Series system.

Eight independent programmable dry-contact unsupervised relay outputs are provided for controlling bells, door latches, lights and other similar devices. The panel controls the closure of each relay. Refer to installation instructions for the control panel in use for wiring requirements in UL-listed applications.

## SPECIFICATIONS

### Electrical Ratings

**Input Power:** 12.6 - 11.8VDC, 22mA + 12mA per energized relay, total 118mA of all relays energized.

### Contact Ratings:

**Voltage:** 30VAC or 30VDC maximum.

**Current:** 2A maximum (resistive load).

**Maximum Wiring Length for each run (on Fire Bus or GEMC-BM burg bus):** 750 feet with #22AWG, 1000 feet with #18AWG.

**Maximum Wiring Length for each run (on GEMC-BM/PS burg bus):** 20 feet with #22AWG, 40 feet with

#18AWG. **Note:** Do not use bus power to power devices on relay outputs or wire length must be reduced by half for each 120mA used.

## PHYSICAL

**Metal Housing (H x W x D):** 10 5/16" x 8 3/8" x 3"

## AGENCY LISTINGS

UL Listed: Burglary and Fire Warning System Control Unit Accessory

UL365: Police Station Alarm Units

UL609: Local Burglar Alarm Units and Systems

UL864 9th Edition: Commercial Fire

UL985: Household Fire Warning System Units

UL1023: Household Burglar Alarm System Units

UL1610: Central Station Burglar Alarm Units

NFPA 72 National Fire Alarm Code

Security Industry Association (SIA) False Alarm Reduction Standard CP-01

CSFM: California State Fire Marshall (Pending)

FM Approval: (Pending)

NYCFD: NYC Fire Department (Pending)

## ORDERING INFORMATION

**GEMC-RM3008:** Relay Output Module, provides (8) Form C outputs, suitable for Commercial Fire and/or Burg applications.

