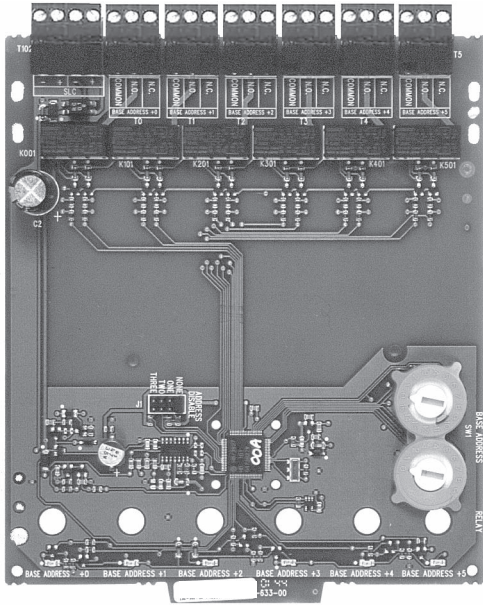# RCM-SS

Six-Relay Addressable Control Module

Description

Gamewell's Smart*Scan*™ **RCM-SS six-relay control module** provides an intelligent alarm system with six Form-C relays.

The first module is addressed from 01 to 94 while the remaining modules are automatically assigned to the next five higher addresses. Provisions are included for disabling a maximum of three unused modules. A single isolated set of dry relay contacts is provided for each module address, which is capable of being wired for either a normally-open or normally-closed operation. The module allows the control panel to switch these contacts on command. No supervision is provided for the controlled circuit.

Each RCM-SS module has panel-controlled green LED indicators. The panel can cause the LEDs to blink, latch on, or latch off.

Product Line Information

RCM-SS: Six-relay control module.

BB-XP: Optional cabinet for one or two modules. *Dimensions, DOOR:* 9.234" (23.454 cm) wide (9.484" [24.089 cm] including hinges), x 12.218" (31.0337 cm) high, x 0.672" (1.7068 cm) deep; *BACKBOX:* 9.0" (22.860 cm) wide (9.25" [23.495 cm] including hinges), x 12.0" (30.480 cm) high x 2.75" (6.985 cm); *CHASSIS (installed):* 7.150" (18.161 cm) wide overall x 7.312" (18.5725 cm) high interior overall x 2.156" (5.4762 cm) deep overall.

BB-25: Optional cabinet for up to six modules mounted on CHS-6 chassis *(below)*. *Dimensions, DOOR:* 24.0" (60.96 cm) wide x 12.632" (32.0852 cm) high, x 1.25" (3.175 cm) deep, hinged at bottom; *BACKBOX:* 24.0" (60.96 cm) wide x 12.550" (31.877 cm) high x 5.218" (13.2537 cm) deep.

CHS-6: Chassis, mounts up to six modules in a BB-25 cabinet.

Features

- Six addressable Form-C relay contacts.
- Removable 12 AWG (3.25 mm²) to 18 AWG (0.9 mm²) plug-in terminal blocks.
- Status indicators for each point.
- Unused addresses may be disabled.
- Rotary address switches.
- Compatible with Gamewell's 602, 610, 632, 654 and 658 FACPs with Smart*Scan*™ SLC.
- Mount one or two modules in a BB-XP cabinet (optional).
- Mount up to six modules on a CHS-6 chassis in a BB-25 cabinet (optional).
- Mounting hardware included.

Listings

Listings and approvals below apply to the RCM-SS Six-Relay Addressable Control Module. In some cases, the module may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- UL Listed: file S521.
- CSFM approved: file 7300-1288:169.
- MEA approved: file 368-01-E Vol. II.

Gamewell
A 150-Year Tradition

Specifications

Standby current

1.45 mA (SLC current draw with all addresses used; if some addresses are disabled, the standby current decreases).

Alarm current

32 mA (assumes all six relays have been switched once and all six LEDs solid ON).

Temperature range

32°F to 120°F (0°C to 49°C).

Humidity

10% to 85% noncondensing.

Dimensions

6.8" (172.72 mm) high x 5.8" (147.32 mm) wide x 1.0" (25.40 mm) deep.

Shipping weight

1.1 lb. (0.499 kg) including packaging.

Mounting options

CHS-6 chassis, BB-25 cabinet.

Relay current

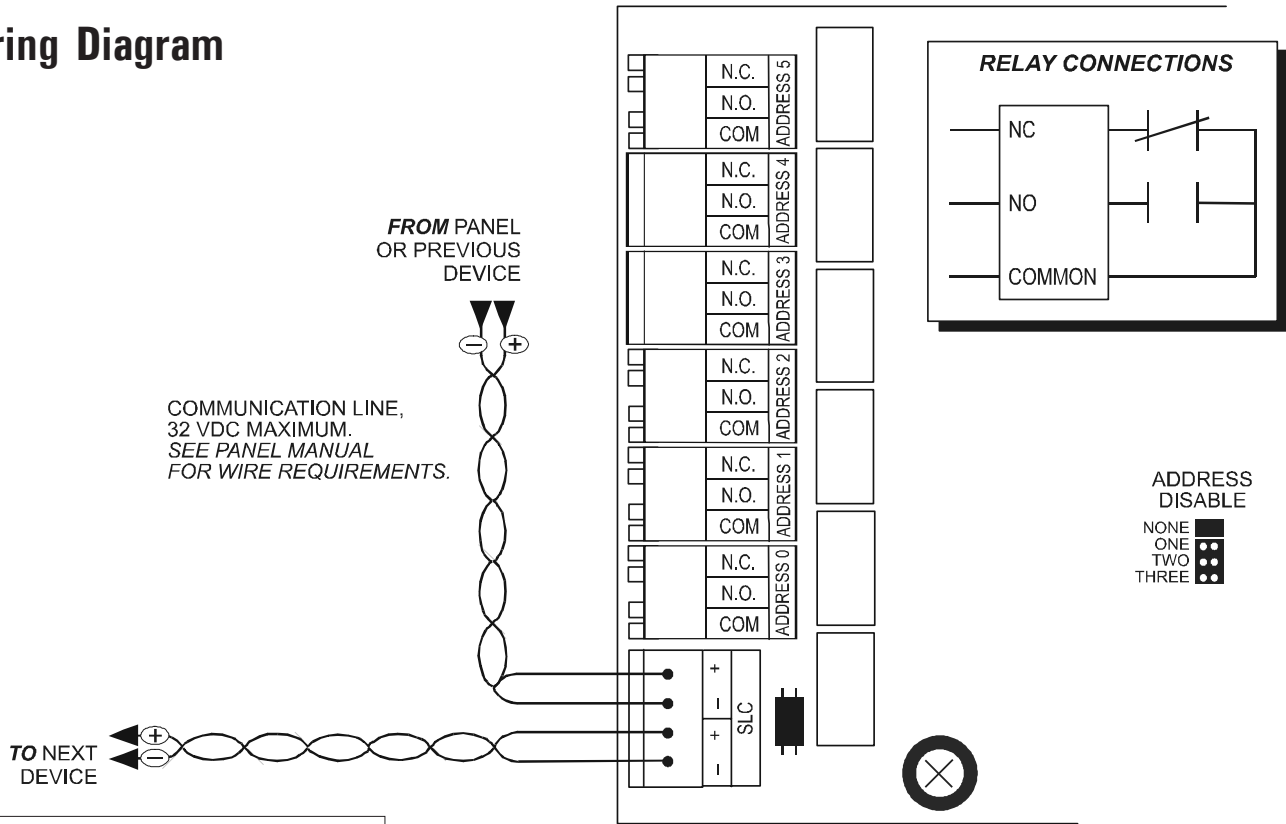30 mA/relay pulse (15.6 ms pulse duration), pulse under panel control.

Relay contact ratings

30 VDC; 70.7 VAC.

Current ratings

- 3.0 A @ 30 VDC maximum, resistive, non-coded.
- 2.0 A @ 30 VDC maximum, resistive, coded.
- 1.0 A @ 30 VDC maximum, inductive (L/R = 2 ms), coded.
- 0.5 A @ 30 VDC maximum, inductive (L/R = 5 ms), coded.
- 0.9 A @ 110 VDC maximum, resistive, non-coded.
- 0.9 A @ 125 VAC maximum, resistive, non-coded.
- 0.7 A @ 70.7 VAC maximum, inductive (PF = 0.35), non-coded.
- 0.5 A @ 125 VAC maximum, inductive (PF = 0.35), non-coded.

Wiring Diagram

Gamewell
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A Honeywell Company

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