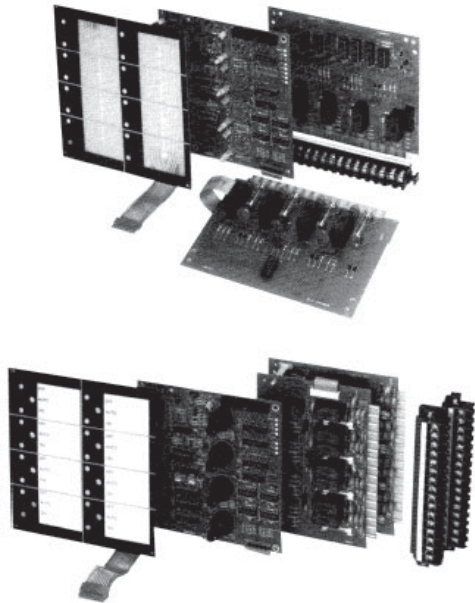


600 Series Modules

Relay (RM-8), Building Control (BC-8)



g2060ph1.jpg

Description

The 600 Series Building Control (BC-8) Module and Relay Module (RM-8) control building functions such as door holders, elevator recall, dampers, motors, and disconnects. These modules are installed in the IF632 and IF650 fire alarm control panels by the user for control-by-event programming of these building functions.

The Relay Module (RM-8) is equipped with one Form-C relay per point. The relays are rated at 10 amps. Relay contacts are individually fused. Each relay has a feedback point for positive annunciation of an event. The

Relay module has an optional display for LED annunciation and feedback status. Each relay has a switch on the display for programming. There is space on the display module for custom labeling.

The Building Control Module (BC-8) has a set of Form A/B (jumper programmable) 10 amp relays. Each set has one ON and one OFF relay. The relay contacts are rated at 10 amps and are fuse protected. There is one feedback point per relay for positive annunciation of the event. The Building Control Module operates with the Building Display Module. The Building Display Module has a tactile switch, LEDs for annunciation and a rotary switch for ON/OFF/AUTO control.

Operation

The 600 Series Relay and Building Control Modules have been designed to operate on command from the main CPU of the IF632 and IF650 control panels. Based on the user program, the outputs are activated on specific alarm conditions. The LEDs on the display panel will annunciate either the state of the outputs or the condition of the feedback point, depending on programming. The Building Control Module's relays can be manually controlled at anytime through the use of the three position switch located on the display module.

Both the Relay Module and Relay Control Module can be programmed for sequential restore from the 600 Series Control Panel to prevent a voltage surge upon reset.

Features

- Eight relays or circuits per module
- Positive feedback point per relay
- Compatible with both the Identiflex 632 and 650 systems
- LED annunciation activation and status-per-relay and control point
- Tactile switch per relay/control point for programming, control, and bypass
- Requires one MPU bus position
- Contacts rated 10 A at 250 VAC or 30 VDC
- Fully programmable through the CPU
- Building control module provides ON/OFF/AUTO display and control
- Sequential restoration of contacts
- Ground fault detection.
- Fuse protected

Listings

Listings and approvals below apply to the basic Relay (RM-8) and Building Control (BC-8) 600 Series Modules. In some cases, certain modules 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: files 7165-1288:144, 7165-1288: 146
- MEA approved: file 132-95-E

Engineer's Specifications

Relay Output Control Modules shall be provided to interface between building control functions and the fire alarm system. Relay outputs shall be rated at 10 amps and shall be fused for protection. Relay outputs shall be provided with a feedback point for confirmation of control. Fan control points shall have ON/OFF/AUTO rotary switches provided for manual override capability. Outputs shall be field programmable with sequential restore. Output modules shall be Gamewell 600 Series Relay Module or Building Control Module.

Standard Applications

The 600 Series Relay and Building Control Modules are designed to provide a flexible interface to building control functions. If the fire alarm system is required to control elevators, door holders, dampers or other building functions, these modules provide the means of control. Each of the modules has 8 outputs. In the 8 output configuration, the modules utilize one of the 16 possible MPU bus positions.

Ordering Information

- RM-8** Four-circuit relay module with four-circuit expander, standard display, mounting hardware, and terminal strips.
- BC-8** Four-circuit building control module with four-circuit expander, standard display, mounting hardware, and terminal strip.

Specifications

Standby current

20 mA plus 9 mA per inactive feedback point plus 12 mA per active feedback point

Alarm current

22 mA per active output plus standby current



by Honeywell

Gamewell-FCI

12 Clintonville Road
Northford, CT 06472-1610

Phone: 203-484-7161

Fax: 203-484-7118

www.gamewell-fci.com

A Honeywell Company
© 2006 Gamewell-FCI

Specifications and wiring information are provided for information only and are believed to be accurate. Gamewell-FCI assumes no responsibility for their use. Data and design are subject to change without notice. Installation and wiring instructions shipped with the product shall always be used for actual installation. For more information, contact Gamewell-FCI.