

by Honeywell

Description

The Gamewell-FCI Relay Control Element (RCE-95) is the interface between the Gamewell-FCI 600 Series Fire Alarm Control Panel (FACP) analog circuits and building functions such as door holders, elevators, dampers, motors and disconnects. The RCE-95 offers feedback input points for positive confirmation of the controlled device's activity. The RCE-95 works with all 600 Series analog addressable FACPs. For annunciation and feedback at the panel, Gamewell-FCI offers a Relay Control Display (RCD). The RCD is only available with the IF632 and IF650 FACPs.

The RCE-95 is either surface or flush mounted and has an integral LED which annunciates upon device activation.

Operation

The devices connect to the SLC circuit of the FACP via a two-wire non-polarized circuit. In its quiescent mode, the RCE-95 monitors its internal circuitry for status of the device itself and supervises an external control circuit for status.

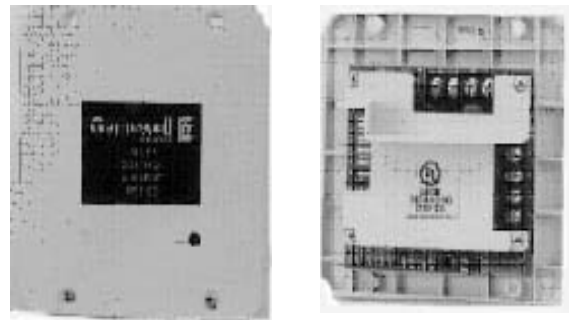
When a status change is detected, the event can be programmed to display on the optional RCD module. When an event is reported to the control panel that requires the activation of the RCE-95, the control panel communicates via the analog circuit to the RCE-95 for activation. The integral LED is also lit for annunciation at the device.

Programming

The RCE-95 is programmed by setting a single DIP switch easily accessible on the RCE-95's printed circuit board. The DIP switch is used to set the address of the device. All other programming is accomplished at the Fire Alarm Control Panel, either through a laptop computer or the control panel operator's display.

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Relay Control Elements



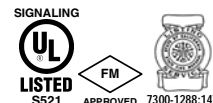
RCE-95

CS-2054ph1.wmf

Features

- Compatible with the Gamewell-FCI 600 Series analog addressable FACPs.
- Form-C dry relay contacts.
- Event or manual controllable relay functions.
- Positive feedback of relay activation.
- LED annunciates activation.
- Fully supervised.
- Surface or flush mounting.
- Field programmable.
- Style 4, 6, or 7 wiring.
- Screw terminals for field wiring connections.

An ISO 9000-2000 Company



GAMEWELL-FCI

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CS-2045 Rev. A page 1 of 2

Mounting

The RCE-95 is designed to mount in a standard 4.688" (11.908 cm) electrical backbox. The RCE-95 should be mounted in an easily visible location so that the built-in LED may be seen for quick indication of proper connection and activation.

Engineer's Specifications

A programmable interface device shall be provided for the control and status reporting of programmed relay control functions. The RCE-95 shall communicate with the Fire Alarm Control Panel via an analog circuit (SLC) over a single pair of wires.

The device shall provide dry contacts and positive feedback of the controlled equipment's status annunciating upon activation. It shall be Gamewell-FCI RCE-95.

Specifications

Input Power:	24 VDC from analog circuit
Standby Current:	0.0005 A
Alarm Current:	0.0015 A
Operating	
Temperature:	0° C to 49°C (32°F to 120°F)
Relative Humidity:	85% non-condensing
Housing	
Requirements:	4.688" (11.908 cm) backbox
Contact Rating:	2.0 amp at 30 VDC 0.2 A at 120 VAC

Ordering Information

Model	Description
RCE-95	Relay control element device. XP95 protocol compatible.
70839	Trim ring for flush mounting the RCE-95.
RCD	Optional relay control display; provides annunciation of the RCE-95 control element devices at the FACP. One needed for every eight RCEs. Compatible only with the IF632 and IF650 FACPs

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