

CZI-95

Conventional Zone Interface

General

The Gamewell-FCI Conventional Zone Interface (CZI-95) is designed as the interface between the 600 Series and ILI95-E3 Series® fire alarm control panel's (FACP) analog circuits and the normally-open contact devices or conventional smoke detectors. The Conventional Zone Interface device monitors up to 25 conventional detectors. You can use the Conventional Zone Interface modules with Style B, C, D or E wiring.

Operation

The Conventional Zone Interface can monitor up to 25 conventional smoke detectors via a three-wire circuit. The CZI-95 acts as a remotely located conventional zone. It provides a supervised circuit to connect to conventional-type devices such as smoke detectors or contact devices. If any detector on the CZI-95's circuit goes into alarm, the CZI-95 will report its own address to the main control panel via the analog circuit, and the FACP will initiate the programmed response. The LEDs on the conventional detector and the CZI-95 will both light, indicating that the device is in alarm.

If a trouble is detected on the monitored circuit, the CZI-95 will report the trouble condition to the FACP. The CZI-95 will detect troubles from either the field wiring or a connected device.

Installation

The Conventional Zone Interface device can be either surface or flush-mounted and includes an LED for annunciation. The CZI-95 mounts in a standard 4.0" x 4.688" (10.16 x 11.908 cm) or double-gang electrical backbox. The CZI-95 should be mounted in an easily accessible location, so that the built-in LED indicators may be easily seen and display the proper connection and device activation.

Programming

To program the CZI-95, set a single DIP switch on the device's printed circuit board.

Ordering Information

CZI-95: Conventional zone interface for monitoring contact devices or conventional smoke detectors for FACP's analog circuits. Monitors up to 25 conventional detectors, XP95 protocol compatible.

70839: Trim ring for flush mounting the CZI-95



CZI-95

FEATURES & BENEFITS

- Compatible with the Gamewell-FCI, 600 Series and ILI95-E3 Series analog addressable FACPs
- Monitors up to 25 normally open contact devices
- Monitors conventional smoke detectors
- Provides an LED for alarm annunciation
- Uses either surface or flush mounted
- Field programmable
- Contains screw terminals for field wiring connections
- Available for Style B, C, D, and E wiring

CZI-95 Technical Specifications

SPECIFICATIONS

Standby Current: : 0.010A

Max. Alarm Current: .102A

Operating Temperature: 32°F to 120°F (0°C to 49°C)

Relative Humidity: 93% non-condensing.

Dimensions: 4.0" x 4.688"

(10.16 x 11.908 cm) double-gang backbox

Each 600 Series and ILI95-E3 Series analog circuit can support up to 40 CZI-95s. However, the IF610 system can support up to 40 CZIs in total, per system with a maximum loading of 40 CZI-95s per a single circuit.

ENGINEER'S SPECIFICATIONS

Addressable interface devices shall be provided for the monitoring and supervision of conventional-type devices connected to the Fire Alarm Control Panel. The modules shall monitor either normally-open dry-contact type devices or shall provide a remote conventional zone as shown on the drawings. The remote conventional zone may be programmable for alarm verification and shall have the capacity to monitor up to 25 conventional smoke detectors. The addressable interface devices shall communicate to the main control panel via the analog addressable circuit. The device shall be Gamewell-FCI model CZI-95 and shall be capable of ANDing Type Zones and cross zoning. Each 600 Series and ILI95-E3 Series analog circuit can support up to 40 CZI-95s. However, the IF610 system can support up to 40 CZIs in total, per system with a maximum loading of 40 CZI-95s per a single circuit.

STANDARDS

The CZI-95 is designed to comply with the following standards:

UL STANDARDS

UL Standard 864 9th Edition

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult the factory for the latest listing status.

UL Listed: S521

FM Approved

FDNY: Approved

CSFM: 7300-1703:0135

ISO 9001 Certification

For a complete listing of all compliance approvals and certifications, please visit:

<http://www.gamewell-fci.com/en-US/documentation/Pages/Listings.aspx>

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

Country of origin: U.S.A.

Honeywell Gamewell-FCI

12 Clintonville Road

Northford, CT 06472-1610

203.484.7161

www.gamewell-fci.com

CS-2043 | D | 04/19

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