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Gamewell FCI FIRE CONTROL INSTRUMENTS by Honeywell

Series

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 03/10/14

Description

The Gamewell-FCI XP-95 Series bases provide superior flexibility for the installation of the Gamewell-FCI, XP95 family of addressable detectors. Whether the project requires a 4.0" (10.16 cm), relay or sounder base, the XP95 family has a base to meet building aesthetics, constraints, retrofit limitations or functional needs. The device address is held in the base, ensuring that the device address will not be changed no matter how often a detector is replaced, and verifying a consistent match between device type and device address.

Each XP95 analog addressable head is compatible with a wide variety of XP-95 bases, ranging from one-piece low-profile units to four-wire relay and sounder bases that can be controlled individually or as a group. The XP95 Series of detector bases has been designed to enable sensors to be plugged-in with minimum force and to have a "one-way-only" fit. Relay and sounder bases can be addressed and controlled individually or by a group in response to the sensor alarms.

Programming

The only programming required at the Series 95 sensors is address setting, via the patented XPert addressing card. The card is inserted into the sensor base. When the sensor head is inserted into the base, the address is automatically relayed to the sensor. Changing the sensor does not require additional programming since the address remains on the XPert Card located in the base. All other sensor-specific programming is accomplished at the Fire Alarm Control Panel (FACP). The XPert addressing card ensures that only the correct device types can be installed in given locations after cleaning or other maintenance operations.

Installation

The complete range of Series 95 addressable mounting bases will accept any of the Series 95 sensors. The bases have a wide interior diameter for ease of access to wires and terminals. The design of the base is such that the

Analog Addressable Sensors

CS-2048ph1.wmf

Series 95

Features

- Compatible with all of the Gamewell-FCI 600 Series analog addressable detectors
- Base options include:
  - 4.0" (10.16 cm) or 6.0" (15.24 cm) ultra-low-profile bases feature "one-way" fit with low insertion force
  - 6.0" (15.24 cm) relay base (4 wire)
  - Audible alarm sounder bases controlled individually or by group
- Device address is stored in the sensor base
- Address is set by patented XPert addressing card
- Compatible with all Gamewell-FCI XP95 protocol detection devices

An ISO 9000-2000 Company

SIGNALING UL LISTED S1195

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Installation (Continued)
sensor will fit in only one way, and a simple clockwise motion (without force) is required to plug-in the sensor. The mounting base will have provisions for the insertion of the XPert addressing card as a means for programming and maintaining the sensor's address.

The XP95-B4 base 4.0" (10.16 cm) will mount directly to a 3.5" (8.89 cm) octagonal box (Raco 110 or equal) or a 4" (10.16 cm) octagonal box (Raco 125 or equal) with a round cover/plaster ring (Raco 727 or equal). The other Series 95 bases 6.0" (15.24 cm) will mount directly to a 3.5" (8.89 cm) octagonal box (Raco 110 or equal); to a 4.0" (10.16 cm) octagonal box (Raco 125 or equal); or to a 4.0" (10.16 cm) square backbox (Raco 190 or equal).

Engineer's Specifications

The contractor shall furnish and install, as indicated on the plans, either dual-chamber ionization (Gamewell-FCI model XP95-I) or photoelectric (Gamewell-FCI model XP95-P) smoke sensors, analog addressable multisensor (XP95-M) or electronic thermal sensor (Gamewell-FCI model XP95-T) with one of the several addressable mounting base available options. The combination sensor head and twist-lock mounting base shall be UL Listed and UL Listed as compatible with the Gamewell-FCI 600 Series analog addressable fire alarm control panels. The base shall permit free interchange of sensor heads without requiring any additional wiring or additional programming of the head or base.

Specifications

4" Base
Model: XP95-B4

Alarm Current:	N/A
Standby Current:	N/A
Relay Rating:	N/A
Sounder Level:	N/A
Captive Terminals:	Yes

6" Base
Model: XP95-B6EZ

Alarm Current:	N/A
Standby Current:	N/A
Relay Rating:	N/A
Sounder Level:	N/A
Captive Terminals:	Yes

Specifications (Conti

Relay Base
Model: XP95-B6R4

Alarm Current:	0.0036 A
Standby Current:	2 µA.
Relay Rating:	0.04 A @ 125 VAC resistive loading.
Sounder Level:	N/A
Captive Terminals:	Yes

Sounder Base
Model: XP95-B65NDR

Alarm Current:	0.030 A
Standby Current:	2 µA.
Relay Rating:	N/A
Sounder Level:	85 dB @ 10 ft.(3.048 m)
Captive Terminals:	Yes

Ordering Information

Model	Description
XP95-B4	4.0" (10.16 cm) mounting base with XPert addressing card
XP95-B6R4	6.0" (15.24 cm) relay base (four-wire) with XPert addressing card
XP95-B6EZ	6.0" (15.24 cm) ultra-low-profile EZ-fit mounting base with XPert addressing card
XP95-B6SNDR	6.0" (15.24 cm) mounting base with XPert addressing card and audible alarm sounder in the base (MB-SDR-XP95)
30203	Remote LED (24 VDC)
71112	Additional Bbank XPert addressing cards

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