Gamewell FCI FIRE CONTROL INSTRUMENTS

by Honeywell

MS-95

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 03/10/14

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Description

The Gamewell-FCI MS-95 is an easily recognized manual pull station with the distinctive bulls-eye design compatible with the Gamewell-FCI addressable 600 Series Fire Alarm Control Panels (FACPs). The MS-95 is approved to UL Standard 38 for manual stations, meets architectural requirements in all building interiors, and is readily noticed in a fire emergency. The addressable MS-95 manual pull station with a rugged toggle switch design offers exceptional resistance to accidental alarms caused by vibration and sudden shock. The MS-95 can be used for surface and semi-flush installations.

Operations

The manual pull station is activated by pulling forward on the readily identified bulls-eye alarm lever labeled “PULL” in distinctive white letters. Once pulled, this lever locks in the alarm position and remains there until manually reset.

To reset the alarm lever, the front cover of the pull station is released by turning the screw on the top of the cover or turning the key (on certain models). This unlocks the front cover which is then lowered. Once the front cover is lowered, the toggle switch is reset.

An optional breakglass rod may be used with all stations. The self-clearing design prevents jamming of the station and there is no danger to the operator from broken particles of glass. Space is provided within the station housing for storage of an additional replacement glass rod.

The MS-95 connects directly to the analog addressable circuit via two wires. The electronic circuitry has been designed to transmit data that can be interpreted as three (3) output operations:

- normal standby operation
- alarm operation
- trouble operation

In its standby mode of operation, the pull station’s circuit monitor the switch for alarm conditions. A trouble condition

Addressable Manual
Pull Station Alarm

CS-2053ph1.wmf

MS-95

Features

- Compatible with the Gamewell-FCI 600 Series analog addressable control panels.
- Field programmable.
- Durable construction.
- Compact design, blends with surroundings.
- Recessed pull lever prevents accidental operation.
- Surface or semi-flush installation.
- Double action option.
- Key reset option.
- Meets ADA requirements.
- Visible status LED.
- Terminal block model available (MS-95T).

An ISO 9000-2000 Company

SIGNALING UL LISTED S281 7150-1288:148

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Operations (Continued)

occurs when the pull station is addressed by the control panel and either reports back a trouble response or does not respond at all. With the standard priority interrupt feature, the MS-95 will report its condition virtually instantaneously to the Gamewell-FCI FACP.

Programming

Programming of the MS-95 manual station address is accomplished by setting a single DIP switch easily accessible on the device's printed circuit board. All other programming is accomplished at the FACP.

Engineer's Specifictions

The analog addressable manual pull station shall contain the electronic interface circuitry required for individual device identification, alarm reporting andtrouble supervision. It shall communicate to the main control panel via the analog addressable circuit. The single-action station shall consist of a die-cast aluminum housing fitted with a pull out lever which, when operated, locks in position after activating an alarm initiating contact.

Specifications

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
Material:	Die-cast aluminum
Finish:	Fire alarm red, smooth gloss enamel. Raised cast letters are highlighted. Target background for pull lever is white glossed enamel.
Dimensions MS-95:	4 .625" high x 3.25" wide x 2.0" deep (11.75 H x 8.26 W x 5.08 D cm)(from the backplate).
MS-95T:	4.625" high x 3.25" wide x 1.625" deep (11.75 H x 8.26 W x 4.13 cm) (from the backplate).
MS-95 with key reset option:	6.25" high x 3.25" wide x 2.0" deep (15.88 H x 8.26 W x 5.08 D cm) (from backplate) with Cat 60 Key.
Surface Backbox P/N 28762:	4.625" high x 3.25" wide x 2.375" deep (11.75 H x 8.26 W x 6.03 D cm) tapped for 3/4" conduit.
Surface Backbox 71961:	6.25" high x 3.0" wide x 3.25" (15.88 H x 7.6 W x 8.26 D cm) deep.

Ordering Information

Model	Description
MS-95	Analog addressable m
MS-95T	Analog addressable m terminals.
30653	Double action option.
30653-01	Key reset option.
30653-02	Key reset/double action option.
27060	Breakglass rod.
28762	Surface backbox.
50397G	Weather proof gasket for MS-95 station.
72198	NYC backplate manual station backplate with 1" (2.54 cm) white stripe.
71961	Backbox, surface for key reset options.

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