

by Honeywell

Description

Gamewell-FCI's Building Control Element (BCE-95) is the interface between the IF632 or IF650 Fire Alarm Control Panel (FACP) and building functions that require a three position (HOA) (On/Off/Auto) control capability. The BCE-95 connects to the panel via the SLC circuit. The BCE-95 is assigned to a display (BCD) at the FACP via software programming. The BCD provides annunciation, control and feedback of the BCE-95 at the main FACP. The BCE-95 offers feedback input points for positive confirmation of the controlled device's activity.

The BCE-95 is for either surface or flush mounted and has an integral LED that lights at device activation.

Operation

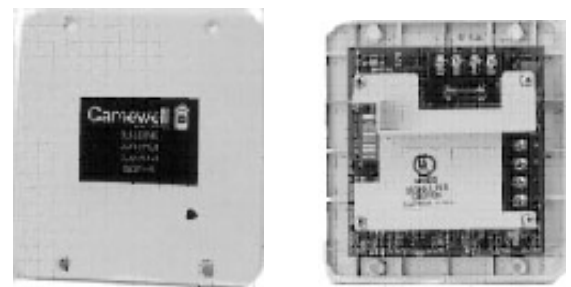
When an event is reported to the FACP that requires the activation of the BCE-95, the FACP communicates via the analog circuit to the BCE-95, and the selected building control relay is actuated. The integral LED then lights for annunciation of the device.

In the event that a manual command is transmitted from the building control display (BCD) at the control panel, the BCE-95 device will respond and override the auto-programmed activation until the alarm event has been resolved and reset

Programming

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

Building Control Element



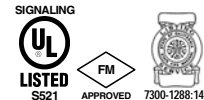
BCE-95

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Features

- Compatible with IF632 & IF650 FACP's.
- LED annunciates activation.
- Fully supervised.
- Surface or flush mounting.
- Field programmable.
- Style four, six, or seven wiring.
- Screw terminals for field wiring connections.
- Dry relay contacts.
- Provides controllable relay functions.
- Provides positive feedback of relay control.
- Separate on/start, off/stop operation.

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GAMEWELL-FCI

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Mounting

The BCE-95 is designed to mount in a standard 4.0" (10.16 cm), 4.688" (11.908 cm) or double gang electrical back-box. The BCE-95 should be mounted in an easily accessible location so that the built-in LED may be seen for quick indication of proper connection and activation.

A programmable remote interface along with a panel mounted three position switch unit shall be provided for the control and status reporting of programmed building control functions. The remote interface shall communicate with the main control panel via an SLC over a single pair of wires. The BCE-95 shall provide dry contacts and positive feedback of the controlled equipment's status. On/Off control and annunciation at the panel shall be provided via a building control display switch and annunciator unit. The remote interface shall be Gamewell-FCI BCE-95 with a Gamewell-FCI BCD display.

Specifications

Standby Current:	0.0008 A
Alarm Current:	0.0018 A
Operating Temperature:	0° C to 49°C (32°F to 120 °F)
Relative Humidity:	85%, non-condensing
Contact Rating:	2.0 A at 30 VDC. 0.5 A at 120 VAC.
Input Power:	24 VDC from analog circuit.
Housing Requirements:	4.0" (10.16 cm), 4.688" (11.908 cm), double gang electrical box.

Ordering Information

Model	Description
BCE-95	Building control element device. XP95 protocol compatible.
70839	Trim ring for flush mounting the BCE-95.
BCD	Building control display provides annunciation and ON/OFF/AUTO control of the BCE-95 control element devices, mounts at the FACP. One needed for every eight BCEs.

Note: The Building Control Element (BCE-95) is only compatible with the Identiflex 632 & 650 FACP's.

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