

by Honeywell

Description

The Gamewell-FCI Signal Control Element (SCE-95) is the interface between the 600 Series and ILI95-E3 Series[®], fire alarm control panels' (FACPs) analog circuits and building functions. The SCE-95 connects to the panel via the SLC circuit. The SCE-95 provides a means to remotely locate a fully supervised circuit for the operation of signaling appliances such as horns, strobes, and horn/strobes. For annunciation and feedback at the panel, Gamewell-FCI offers a Signal Control Display (SCD). The SCD is only available with the IdentiFlex 632 and IF650 FACPs.

The SCE-95 is capable of switching 24 VDC. When used as a remote signaling circuit, the SCE-95 provides all the necessary supervision of the circuit and trouble reporting via the analog circuit.

The Signal Control Element (SCE-95) can be surface or flush mounted and has an integral LED which annunciates upon device activation.

Operation

The Signal Control Element connects to the SLC of the fire alarm control panel (FACP) via two-wires. In its standby mode, the SCE-95 monitors its internal circuitry for status of the device itself and supervises the external control circuit for faults. In the event that a fault is detected, the SCE-95 will report a trouble to the FACP.

When an event is reported to the fire alarm control panel (FACP) that requires the activation of the SCE-95, the control panel communicates via the analog circuit to the SCE-95 and the signaling circuit is actuated. The integral LED is also lit for annunciation at the device.

Programming

The SCE-95 is programmed by setting a single DIP switch easily accessible on the printed circuit board. The SCE-95's DIP switch is used to set the address of the device.

All other programming is accomplished at the fire alarm control panel (FACP), using either a laptop computer or the control panel operator's display. (600 Series only).

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Signal Control Element



SCE-95

Features

- Compatible with the Gamewell-FCI, 600 Series and ILI95-E3 Series, analog addressable fire alarm control panels (FACPs)
- Supervises and operates the notification appliance circuit
- Supervises DC power-in
- LED annunciates activation
- Fully supervised
- Surface or flush mounted
- Field programmable
- Style 4, 6, or 7 wiring
- Screw terminals for field wiring connections
- 24V 2.0A output

An ISO 9000-2000 Company



GAMEWELL-FCI

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Mounting

The SCE-95 is designed to mount in a standard 4.688" (11.908 cm) electrical backbox. The SCE-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.

Engineer's Specifications

A programmable electronic device shall be provided for the remote control of notification appliances. The device shall communicate with the main FACP via the SLC circuit. It shall supervise its notification appliance circuit and include an LED for circuit activation annunciation. It shall be Gamewell-FCI SCE-95.

Specifications

Normal Current (Circuit): 8 μ A

Alarm Current (Circuit): 1.7 mA

Normal Current (\pm 24V): 0.0065A

Alarm Current (\pm 24V): 0.00635A + Signal Load

Operating

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

Relative Humidity: 93% non-condensing

P+, P- Power: 24 VDC from control panel or UL Listed for fire power supply

Fuse: 2 amp PTC

NAC Circuit Rating: 2 amp power-limited steady signaling for DC appliances

Output Rating: 0.2 amp DC signal circuit

Auxiliary input Power: 24 VDC signaling power

Dimensions: 4 11/16" x 4" x 1 1/2"
(10.44 x 10.16 x 3.8 cm)

Ordering Information

Part Number Description

SCE-95 Signal control element device. XP95 protocol compatible.

70839 Trim ring for flush mounting the SCE-95.

SCD Optional signal control display; provides annunciation of the SCE-95 control element devices at the FACP. One needed for every eight (8) SCE Modules. Compatible with only the IF632 and IF650 FACP.

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