SCE-95

by Honeywell

Description

Signal Control Element

The Gamewell-FCI Signal Control Elements (SCE-95) is the interface between the Fire Alarm Control Panel's (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. The SCE-95 works with all 600 Series analog addressable FACPs. For annunciation and feedback at the panel, Gamewell-FCI offers a Signal Control Display (SCD). The SCD is only available with the IF632 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) is designed for surface or flush mounting and has an integral LED which annunciates upon device activation.
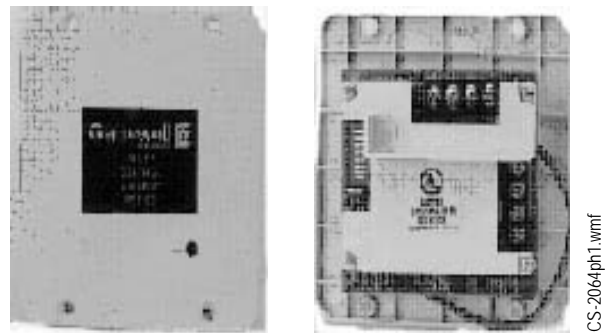
Operation

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 programed 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.
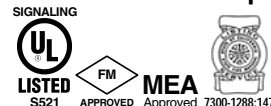

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SCE-95

Features

- Compatible with the Gamewell-FCI 600 Series analog addressable FACPs.
- Supervises and operates notification appliance circuit.
- Supervises DC power-in.
- LED annunciates activation.
- Fully supervised.
- Surface or flush mounting.
- Field programmable.
- Style four, six, or seven wiring.
- Screw terminals for field wiring connections.
- 2.0 A output..

An ISO 9000-2000 Company

SIGNALING

UL LISTED S521

FM APPROVED

MEA Approved 7300-1288:147

Programming

All other programming is accomplished at the Fire Alarm Control Panel (FACP), either through a laptop computer or the control panel operator's display.

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 of proper connection and 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

P+, P- Power:	20-24 VDC from listed supply.
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.
Housing Requirements:	4.688" (11.908 cm) backbox.
Output Rating:	0.2 Amp DC signal circuit.
Auxiliary input Power:	24 VDC signalling power.

Ordering Information

Model	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 dontrol element devices at the FACP. One needed for every eight SCEs. Compatible only with the IF632 and IF650 FACPs.