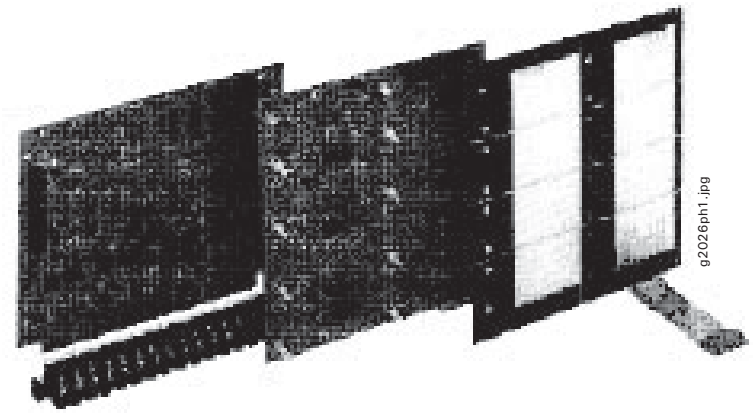
CIM-8

Conventional Input Module



Description

Available in eight-zone increments, the Conventional Input Module (CIM) monitors conventional type devices such as smoke detectors, heat detectors, manual stations, and other contact type devices connected to Gamewell's IF632 and IF650 Fire Alarm Control Panels (FACPs). The CIM can be programmed to provide remote signal silence, acknowledge, reset, and drill service. Each module has a display module providing LED annunciation of alarms and troubles. The display module allows custom labeling of each circuit. Each zone has a switch on the display module for programming of zone functions, zone bypass, and walk test.

Standard Applications

The CIM monitors nonaddressable inputs to the IF632 and IF650 Fire Alarm Panels. Each circuit can be individually programmed for Fire Alarm, Security Alarm, Supervisory Alarm, Remote Reset, Acknowledge, Signal Silence, or Drill. Zones can also distinguish between contact type devices and a smoke detector in alarm, enhancing the alarm verification capabilities on each circuit.

Operation

The CIM monitors each circuit's current; the main CPU then interrogates the CIM for the data returned from each circuit. If the CPU detects an off-normal reading, the system executes its programmed response.

If the CPU receives a trouble response back from the module, the system will initiate the appropriate trouble sequence. If the response from the module indicates a device in alarm, the CPU will identify the type of device and will initiate the pre-programmed alarm sequence.

Features

- Eight circuit modules.
- Compatible with IF632 and IF650 systems.
- Module removal without disturbing field wiring.
- LED annunciation of alarm and trouble per zone.
- Tactile switch per zone for programming and bypass.
- Style B, C, D, and E wiring.
- Requires one bus position in the IF632 or IF650.
- Alarm verification per zone.
- Supervisory service.
- Compatible with two- or four-wire devices.
- Distinguishes between contact devices and conventional smoke detectors.

Specifications

Refer to installation instructions for maximum allowable two-wire detectors per zone.

Standby current

100 mA (8-circuit CIM).

Alarm current

86 mA per active circuit.

Listings

Listings and approvals below apply to the Conventional Input Module. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- UL Listed: file S521.
- CSFM approved: files 7165-1288:144, 7165-1288:146.
- MEA approved: file 132-95-E.
- FM approved.

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Engineer's Specifications

Conventional Input Modules shall be provided for the monitoring of conventional style input devices such as smoke detectors, thermal detectors, manual stations, etc., as required. The Conventional Input Modules shall be Gamewell 600 Series Conventional Input Modules Gamewell model number CIM-8. This module is capable of being wired for Style B (Class B), C, D (Class A), and E circuits. Beyond normal alarm and supervisory functions, the zone circuits are programmable for remote Acknowledge, Reset, and Signal Silence.

Ordering Information

CIM-8	Eight-circuit, XP95 protocol, Conventional Input Module with standard display, mounting hardware, terminal strip, and ribbon cable.
CIM-SDA	Eight-circuit, XP95 protocol, Style D (Class A) adapter module.

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