

MS-5UD(E)/MS-10UD(E) Series**Five Zone Fire Alarm Control Panel
Ten Zone Fire Alarm Control Panel**

Control/Communicators

General

The **MS-5UD-3(E)** is a five-zone FACP (Fire Alarm Control Panel) and the **MS-10UD-7(E)** is a ten-zone FACP. These control panels provide reliable fire signaling protection for small to medium-sized commercial, industrial, and institutional buildings. Both panels include built-in communicators for Central Station Service and remote upload/download.

Each of these FACPs is compatible with System Sensor's microprocessor-based i³ series detectors. These conventional smoke detectors can transmit a maintenance trouble signal to the FACP indicating the need for cleaning and a supervisory "freeze" signal when the ambient temperature falls below the detector rating. Additionally, both the MS-5UD-3 and MS-10UD-7 are compatible with conventional input devices such as two- and four-wire smoke detectors, pull stations, waterflow devices, tamper switches, and other normally-open contact devices. Refer to the *FireLite Device Compatibility Document* for a complete listing of compatible devices.

Outputs include four NACs (Notification Appliance Circuits), three programmable Form-C relays (factory programmed for Alarm, Trouble, and Supervisory) and 24 VDC special application resettable and nonresettable power outputs. The FACP's supervise all wiring, AC voltage, battery level and telephone line integrity.

Activation of a compatible smoke detector or any normally-open fire alarm initiating device will activate audible and visual signaling devices, illuminate an indicating LED, sound the piezo sounder at the FACP, activate the communicator and FACP alarm relay, and operate an optional module used to notify a remote station or initiate an auxiliary control function.

New options include a UL listed printer, PRN-6F and FireLite's IPDACT Internet Monitoring module. The FireWatch Series internet monitoring modules IPDACT-2 and IPDACT-2UD permit monitoring of alarm signals over the Internet saving the monthly cost of two telephone lines. Although not required, the secondary telephone line may be retained providing backup communication over the public switched telephone line.

NOTE: The *MS-5UD-3E* and *MS-10UD-7E* offers the same features as the *MS-5UD-3* and *MS-10UD-7* but allow connection to 240 VAC. Unless otherwise specified, the information in this data sheet applies to both the 120 VAC and the 240 VAC versions of these panels.

NOTE: For ULC-listed models, see DF-60440.

Features

- Listed to UL Standard 864, 9th edition.
- Built-in DACT (Digital Alarm Communicator/Transmitter).
- Style B (Class B) IDC (Initiating Device Circuit)
 - MS-5UD-3 - five IDCs.
 - MS-10UD-7 - ten IDCs.
- Style Y (Class B) NAC (Notification Appliance Circuit) - special application power
 - MS-5UD-3 - four NACs.
 - MS-10UD-7 - four NACs.
- Notification Appliances may be programmed as
 - Silence Inhibit.
 - Auto-Silence.



52416cov.jpg

- Strobe Synchronization for System Sensor, Wheelock, Gentex, Faraday, or Amseco devices.
- Selective Silence (horn-strobe mute).
- Temporal or Steady Signal.
- Silenceable or Nonsilenceable.
- Optional CAC-5X Style Z (Class A) Converter Module for NACs and IDCs (2 required for MS-10UD-7).
- Form-C Relays for Alarm, Trouble and Supervisory - Contact Ratings 2.0 A @ 30 VDC or 0.5 A @ 30 VAC (resistive).
- 3.0 A total system current for MS-5UD-3.
- 7.0 A total system current for MS-10UD-7.
- Optional Dress Panel DP-51050
- Optional Trim Ring TR-CE for semi-flush mounting.
- 24 volt operation.
- Low AC voltage sense.
- Alarm Verification.
- PAS (Positive Alarm Sequence).
- Automatic battery trickle charger.
- Up to eight ANN-BUS annunciators:
 - Optional 8 zone Relay Module ANN-RLY.
 - Optional LED Annunciator Module ANN-LED,
 - Optional Remote Annunciator ANN-80.
 - Optional Remote Printer Gateway ANN-S/PG.
 - Optional LED Annunciator Driver ANN-I/O.
- Optional 4XTMF module (conventional reverse polarity/city box transmitter).

PROGRAMMING AND SOFTWARE:

- Can be programmed at the panel with no special software or additional equipment.
- Programmable Make/Break Ratio.
- Upload/Download (local or remote) of program and data via integral DACT.

Innovation that Endures

Products

- All Products
- Addressable Fire Alarm Control Panels
- SWIFT® Smart Wireless Integrated Fire Technology
- Conventional Fire Alarm Control Panels
- Emergency Command Center
- Communicators
- Power Supplies and Accessories
- Releasing Panels
- Pull Stations
- Annunciators & Accessories
- Addressable Detectors & Modules
- Conventional Devices
- Notification Appliances

Discontinued Products



[Download the ECC APP](#)

[Honeywell Power Products](#)



MS-5UD

MS-5UD-3 is a five zone conventional fire control panel has features normally found in more expensive addressable systems. The MS-5UD-3 is fully programmable via built-in keypad and 80 character LCD display, so you do not need an external programmer. The five zones panel has a built-in Digital Alarm Communicator Transmitter (DACT) and availability to add optional equipment: Remote annunciator, Relay module, LED Driver module, Transmitter module and Printer interface module.

[Zoom](#)

[Features & Benefits](#)

[Accessories](#)

[Documents](#)

[Software](#)

[Listings](#)

MS-5UD Features and Benefits

- Five-zone Style B (Class B) or Five-zone Style D (Class A) with optional module
- Four NAC Circuits Style Y (Class B) or Four NAC Circuits Style Z (Class A) with optional modules
- Built-in NAC synchronization for System Sensor, Wheelock, Gentex, Faraday and Amseco devices
- Integral 80 character LCD display with backlighting and keypad
- Annunciator bus supports up to 8 devices, including ANN-80 LCD Remote Annunciator, ANN-S/PG remote serial or parallel printer gateway, ANN-RLY, 10 form C relay board, ANN-LED Zone annunciator and ANN-I/O LED driver board for graphic annunciators
- Built-in two-line digital communicator for off premises monitoring
- Three Form-C programmable relays
- 3.0 amps total usable current

Related Resources

- [Data Sheet](#)
- [Manual](#)
- [Frame & Post](#)