IFP-75 / IFP-75B

Intelligent Fire Alarm Control Panel

The IFP-75 (red) and IFP-75B (black) are intelligent addressable fire alarm control panels (FACP) and are direct replacements for the IFP-50 FACP. The IFP-75 has one signaling line circuit (SLC) loop for connecting addressable detectors, which can support 75 System Sensor ® IDP/SK sensors and 75 IDP/SK modules or 75 Hochiki® SD devices per loop. The total point capacity for IDP and SK devices is a maximum of 150 points per panel. Using SD devices, the total point capacity is a maximum of 75 points per panel.

The IFP-75 has the interconnection capability for up to 32 panels. The system has two modes of operation, multiple panels covering one larger building, or multiple independent buildings. The SK-NIC Network Interface Card is used to network panels together. Copper wire or fiber optic cable connectivity can be used within the same networked system.

The IFP-75 has a built-in dual-line digital and IP communicator with an optional cellular communication module, form-C trouble relay, and two programmable form-C relays. The IFP-75 has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

The IFP-75 supports a variety of devices, including RA-2000, RA-1000 or RA-100 remote annunciators, 5824 serial/parallel printer interface modules (for printing system reports), RPS-1000 power modules, and IDP, SK, SWIFT wireless or SD devices.

IFP-75B

FEATURES & BENEFITS

- Network support for up to 32 Sites
- Built-in support for up to 75 IDP/SK detectors and 75 IDP/SK modules or 75 SD SLC devices
- Four line LCD display with 40 characters per line
- Available in a red or black cabinet

- Can be surface or flush mounted
- Built-in USB interface for convenient and quick programming
- Programmable date setting for Daylight Saving Time
- JumpStart® auto programming feature for easy programming

- Built-in dual phone line, digital alarm communicator/ transmitter (DACT) with IP and optional cellular technologies
- Network card allows copper network connection with a multi-mode or single-mode fiber connection option

- Convenient field-upgradeable firmware
- Supports up to four SWIFT® wireless gateways. Each gateway can have up to 49 wireless devices
- Supports Class B (Style 4) and Class A (Style 6 or Style 7) configuration for SLC, and SBUS

- Built-in NAC synchronization for deivces from AMSECO®, Gentex®, System Sensor®, and Wheelock®
- Reports events to central station by point or by zone

IFP-75 Technical Specifications

PHYSICAL
Overall Dimensions: 15.12"H x 12.71"W x 3.33"D
Shipping Weight: 15 lbs.
Color: Red or Black

ENVIRONMENTAL
Operating Temperature: 32°F to 120°F (0°C to 49°C)
Humidity: 0 to 93% relative humidity (non-condensing)

ELECTRICAL:
IFP-75 Primary AC: 120 VAC @ 60 Hz, 1.5A Total
Total Accessory Load:2.5A @ 27.4VDC power- limited
Standby Current: 165mA
Alarm Current: 310mA
Battery Charging Capacity: 7 to 35AH
Battery Size: 7AH max. allowed in control panel cabinet. Larger capacity batteries can be housed in RBB accessory cabinet.

AGENCY LISTINGS AND APPROVALS
NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signalling; Local Protective Signalling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service

UL Listed: S2766
CSFM: 7165-0559:0503
FDNY COA# 6248

APPROVED RELEASING SOLENOIDS

Asco	T8210A107	24 VDC	3 A max	0 Hz
Asco	8210G207	24 VDC	3 A max	0 Hz

COMPATIBLE DEVICES
See the data sheets listed below for a complete listing of the IDP, SK, SWIFT or SD devices.
350361: IDP Device Protocol data sheet
53623: SK Device Protocol data sheet
350360: SD Device Protocol data sheet
350615 & 350617: SWIFT devices data sheet

ORDERING INFORMATION
IFP-75: Intelligent Fire Alarm Control Panel. Red Cabinet.
IFP-75B: Intelligent Fire Alarm Control Panel Black Cabinet.

SBUS ACCESSORIES
RA-2000, RA-1000, RA-1000R, RA-100, RA-2000GRAY: Remote annunciators
6815: Signal Line Circuit (SLC) Expander for IDP or SK devices
5815XL: Signal Line Circuit (SLC) Expander for SD devices
RPS-1000: Power Supply
5496: NAC Expander
5824: Serial/Parallel Module
5880: LED I/O Module
5865-3 or 5865-4: LED Annunciator
5883: Relay Interface

MISCELLANEOUS ACCESSORIES
HFSS: Software Suite. Provides programming, upload/download and event reporting
RBB: Remote Battery Box Cabinet. Use for backup batteries up to 35 AH. Dimensions: 16"W x 10"H x 6"D
SK-SCK: Seismic Compliance Kit
SK-NIC: Network Interface Card
SK-FML: Multi Mode Fiber Card
SK-FSL: Single Mode Fiber Card
CELL-MOD: Cellular Communicator in Plastic Enclosure
CELL-CAB-SK: Cellular Communicator in Metal Enclosure with lock and key

For Technical Support, call 800-446-6444.

Honeywell