

FCP-75 Fire Alarm Control Communicator

The FCP-75 is an Intelligent Fire Alarm Control Communicator. The FCP-75 has a single signaling line circuit (SLC) loop for connecting up to 75 sensors and 75 modules per loop (FIK IDP device protocol). The overall point capacity is limited to a maximum of 150 points per panel.

The FCP-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. To network panels together, use the FIK-NIC network interface card. Copper wire or fiber optic cable panel connectivity can be used within the same networked system.

The FCP-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 FCP-75 has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

The FCP-75 supports a variety of devices, including FIK-RA2000, FIK-RA1000, or FIK-RA100 remote annunciator, FIK-5824 serial/parallel printer interface module (for printing system reports), FIK-RPS1000 power module, and FIK (device protocol) devices.



FEATURES

- Network support for up to 32 panels
- Built-in support for up to 75 FIK detectors and 75 FIK modules
- Four line LCD with 40 characters per line
- Built-in USB interface for convenient and quick programming
- Programmable data setting for Daylight Saving Time
- JumpStart AutoProgramming feature
- Surface or Flush-mount
- Built-in dual phone line, digital alarm communicator/transmitter (DACT), IP or optional cellular
- Network card allows copper or fiber connection option
- Convenient field-upgradeable firmware
- Supports up to four FIK-W-WGI wireless gateways, each allowing up to 49 wireless devices
- Supports Class B and Class A SLC and SBUS configurations
- Built-in synch for Gentex®, System Sensor®, and Wheelock® appliances

AGENCY LISTINGS AND APPROVALS

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

- UL Listed
- Factory Mutual Approved
- CSFM

For exact certification listings, please reference the respective agency website.

SPECIFICATIONS

Physical	
Backbox Dimensions (HxWxD):	14.875" x 12.531" (37.78 cm x 31.83 cm)
Overall Dimensions (HxWxD):	15.12" x 12.71" x 3.33" (38.40 cm x 32.28 cm x 8.46 cm)
Shipping Weight:	15 lbs. (6.8 kg)
Color:	Red
Mounting:	Surface or flush-mount
Environmental	
Operating Temperature:	32°F to 120°F (0°C to 49°C)
Humidity:	0 to 93% relative humidity (non-condensing)
Electrical	
Primary AC:	120 VAC @ 60 Hz, 1.5 A total Total Accessory Load: 2.5 A @ 27.4 VDC, power-limited
Standby Current:	165 mA
Alarm Current:	310 mA
Battery Charging Capacity	7 to 35 AH
Battery Size:	7AH max. allowed in the control panel cabinet. Larger batteries can be housed in the RBB accessory cabinet
Approved Releasing Solenoids:	ASCO T8210A107, 24 VDC, 3A max, 0 Hz ASCO 8210G207, 24 VDC, 3A max, 0 Hz
Compatible Devices:	FIK IDP addressable SLC devices Swift® wireless SLC devices

ORDERING INFORMATION

Part Number	Description
FCP-75	Intelligent Fire Alarm Control Panel
SBUS Accessories	
FIK-RA100; FIK-RA1000R; FIK-RA2000	Remote Annunciators
FIK-6815	Signaling Line Circuit (SLC) Expander
FIK-RPS1000	Remote Power Supply, 120V
FIK-RPS1000HV	Remote Power Supply, 220V
FIK-5496	NAC Expander
FIK-5824	Serial/Parallel Module
FIK-5880	LED I/O Module
FIK-5865-3 or FIK-5865-4	LED Annunciator
FIK-5883	Relay Interface
Miscellaneous Accessories	
HFSS	Software Suite
RBB	Remote Battery Box Cabinet (use for backup batteries up to 35 AH)
SK-SCK	Seismic Compliance Kit
FIK-NIC	Network Interface Card
FIK-FML	Multi-Mode Fiber Card
FIK-FSL	Single Mode Fiber Card