FireNET™*Plus* 1127 - ANALOG ADDRESSABLE FIRE ALARM CONTROL PANEL

DESCRIPTION

The FireNET™ Plus 1127 series control panel is an analog addressable fire alarm panel with build options containing 1 or 2 SLC loops, a Digital Alarm Communicator/ Transmitter (DACT), and an RS-485 bus for network communication. Each SLC loop supports 127 devices of any combination (sensors or modules), and 127 analog sounder bases, for a possible total of 254 points per loop. Communication between devices is accomplished by use of standard cable (shielded or twisted pair is not required). Each panel includes a 4-amp power supply and has 2 on-board NAC circuits. The RS-485 bus provides communication to the panel network while another RS-485 bus provides communication for peripheral devices. The RS-232 interface allows the convenience of programming via a PC. The system will support a variety of Hochiki devices; photo, ion and heat sensors, which contain a unique, patented sensor design incorporating automatic drift compensation and day/night sensitivity modes. Additional devices include contact monitors, relay controllers, supervised auxiliary output and short circuit isolator modules. In addition, interfaces to conventional detection systems can be established by using a conventional zone-monitoring module. The Loop Explorer Windows® Software interface provides the installer with fingertip access to installation programming and diagnostic tools. An Auto Learn feature offers the convenience for quick start applications. Add to this a reputation for high quality and dedicated service which makes this an exceptional product both in performance and value.

Specifications subject to change without notice.

STANDARD FEATURES

- Analog design using Hochiki's advanced DCP protocol for fast communication
- Up to 127 sensors & modules, plus 127 analog sounder bases, for a total of 254 points possible per loop
- Uses standard wire, no-shielded or twisted pair required on SLC loops
- Integrated digital alarm communicator (DACT) with Contact ID and SIA reporting formats
- Programmable sensitivity levels by device
- Alarm Verification feature
- Automatic daily calibration & drift compensation routine
- Large 8-line x 40-character LCD display (320 char.)
- 1 or 2 loop (option)
- RS-485 bus for panel network (option)
- Built-in RS-232 interface for programming via a PC
- 3 on board programmable Form C relays rated at 1 amp at 30VDC
- 2 auxiliary power outputs, each rated 360mA at 24 VDC
- Loop Explorer Windows® configuration utility
- Auto-learn feature
- 500 network wide software zones
- Network Capability of up to 64 panels (option)
- Built in help and alarm information screens
- 2 on-board Class B (style Y) NAC circuits rated at 2.3 amps each (Special Application) and 1.6 amps each (Regulated continuous)
- Gentex, System Sensor, Wheelock, and Amseco NAC sync protocol built-in
- Automatic day/night sensitivity modes
- Fire Drill test function
- Walk Test function
- Powerful & versatile Cause & Effect wizard including:
  *Cause & Effect action
  *Disable function configuration
  *Test mode configuration
- Seismic Certified

PRODUCT LISTINGS

SIGNALING UL® LISTED S6468

UL 864, Local Signaling Unit. Types: *Automatic, manual, waterflow, sprinkler supervisory, Remote Station and Central Station Service (DACT) Non-coded signaling.* NFPA 70, 72 & 13 Compliant

California State Fire Marshal 7165-0410:180

FM APPROVED 3038713

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ISO 9001:2000 REGISTERED

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SPECIFICATIONS

Primary AC	120VAC @ 2.1 Amps 50/60hz or 220VAC @ 1.1Amps 50/60hz
Output DC	24VDC @ 5.25 Amps
Power Supply	4 Amp integrated
Charger Current	1.5 Amps max.
Dimensions	14.5" W x 19" H x 3.5" D
Weight	20 lbs. (without batteries)
Color	Red (optional charcoal)
Material	ABS/steel enclosure
Display	8 line x 40 character LCD (320 characters total)
Network	Dual RS485 ports (64 panels max.)
Zones	500 network wide software zones per system
SLC loops	1 or 2 (class A, "style 6 or 7" or class B, "style 4")
Devices per loop	127 sensors & modules, plus 127 analog sounder bases, 254 total
Addresses per panel	800 addresses+sub-addresses max. per panel
NAC Outputs	(2) class B, 2.3 Amps (special application) 1.6 Amps Regulated (continuous)
Relay Outputs	(3) Form C 1 Amp @ 30VDC
Aux. Power	2 outputs, 360mA @ 24VDC each
PC Port / Printer	RS232
DACT Formats	Contact ID and SIA

SLC COMPATIBLE DEVICES & SYSTEM ACCESSORIES

MODEL	DESCRIPTION
	CONTROL PANEL EXPANDERS
FNP-1127-SLC	SLC One Loop Expansion Card
FN-4127-NIC	Network Interface Card
FN-4127-IO	16 Channel Input/Output Board
	ANNUNCIATOR
FN-LCD-S	Serial LCD Annunciator
FNP-LED	Graphix Display
	SLC LOOP DEVICES
ALG-V, ALK-V	Analog Addressable Photoelectric Sensor
AIE-EA	Analog Addressable Ionization Sensor
ATG-EA	Analog Addressable Heat Sensor
NSA-6, NSA-4	Six inch Sensor Base
NSA-4	Four inch Sensor Base
ASB	Analog Sounder Base
DH-98A, DH-98AR	Analog Addressable Duct Detector Unit (DH-98AR has relays)
MS-RA, MS-RA/R, MS-KA/R	Remote Test Station for DH98AR
FRCME-M	Contact Monitoring Module (mini w/terminal blocks)
FRCME-P	Contact Monitoring Module (mini w/pigtail leads)
FRCME-4	Contact Monitoring Module (with faceplate/indicating LED)
FRCMA, FRCMA-I	Class A Contact Monitoring Module (FRCMA-I has Built-in SCI)
DIMM	Dual Input Monitor Module (with faceplate/indicating LED)
CZM	Conventional Zone Module
R2M	Dual Relay Module
R2ML/H Series	Dual Relay Module (R2ML-I & R2MH-I has Built-in SCI)
SOM	Supervised Output Module
SOM-A, SOM-AI	Class A Supervised Output Module (SOM-AI has Built-in SCI)
SOM-R	Supervised Output Module for Releasing Pre-action System
SCI	Short Circuit Isolator Module
AMS Series	Addressable Manual Pull Station
	ACCESSORIES
TCH-B100	Hand Held Programmer (portable device addresser)
FN-ACC	Battery/Accessory Enclosure (houses up to 33AH size batteries)
FNP-ETR	Enclosure Trim Ring for Panel Flush Mount