Integrated Addressable 255 Pt. Fire Alarm Control Panel & Cellular/IP Communicator

FEATURING:

• Lowest Equipment Cost Available for Any Full-Featured Cellular Reporting Fire Alarm Solution
• Saves Both Installation Time & Money
• Award-Winning All-in-One Design - Cellular Alarm Reporting, with Nation’s largest multibillion dollar, extensively deployed cyberprotected networks nationwide
• Proven NAPCO StarLink Fire® Sole or Dual Path or Cell/IP High-Performance Dual Diversity Twin Antennas & Signal Boost™ Circuitry for greater range & reliability
• Powerful FACP Addressable 128 to 255 Point Fire Alarm Control Panel, 128 addressable points fire zones, expandable to 255 w/ one module
• Cloud-based Programming from any smart device
  Eliminates the need for software, training or lugging a PC
• Powerful 7A/24V Onboard Power Supply
• NFPA & UL Code Compliant

FIRELINK SYSTEM SPECIFICATIONS:

• FACP: Addressable 128 to 255 Point Fire Alarm Control Panel;
  4 programmable NAC circuits, 2A max @ 24V each or
  4 programmable NAC circuits, 6.5A max @ 24V
• Built-In Annunciator: Menu-driven operation with backlit custom alphanumeric display and functionality for Reset, Acknowledge, Silence (with disable). Also Remote Annunciator, matching functionality (FL-FK1, red)
• Onboard Cellular &/or IP Communicator, Commercial Fire (StarLink Fire®):
  Reports on cyberprotected multibillion-dollar cellular network replaces 2 POTs lines
  Sole or Dual Path, Reports to any Central Station, via dial up or IP, without any special equipment.
• Integrated sync and smart operation support on each NAC for System Sensor™ and Wheelock® Notification Devices
• Power Supply, 7A @ 24V
• 2 Onboard serial ports – one for high-speed local downloading
  New! Fully Cloud Programmable - mobile friendly, Preprogrammed, or optional Quickloader® Software custom programmable.
• Locking Enclosure for surface mount* or recess mounting (between the studs) 16” x 25” x 5.2” (H x W x D) without cover.
  Houses up to 32Ah @ 24V battery backup capacity.
  * Note: For flush mount applications, use external antennas (see ordering info.)
• 36-Month Napco Warranty

FACP EXPANSION OPTIONS

• Expandable to 255 Pts. with one module (GEMC-FWSLC);
  SLC addressable or conventional fire devices
• Main FACP board supports 1 Addressable Fire SLC (addressable Signaling Line Circuit controllers)
• Fire 4-wire bus for annunciators and non-SLC (conventional) devices, including 12V devices
• Supports up to 6 additional Red FireLink fire annunciators, FL-FK1 or GEMC-FK1s, mounted anywhere on the bus (flashable/updatable firmware)
• Addressable SLC Loop Isolator - optional use - for fire applications requiring increased circuit integrity, e.g., meets Class A, Style 7 loop requirements.
• SLC Fire Devices supported: Analog smoke detector, analog heat detector, duct detector, pull station, conventional zone module & short circuit isolator

FACP INPUTS

• Up to 255 Zones/Points from a wide range of initiating devices (see ordering info.)
• Addressable SLC Loop - supports 128Pts., expandable to 255
• SLC Fire Devices supported: analog smoke detector, analog heat detector, duct detector, pull station, conventional zone module & short circuit isolator
• Conventional 1- to 4-zone EZM Expansion modules on the 4-wire fire bus or SLC loops
• Conventional 2-wire or 4-wire smoke detector inputs

FACP OUTPUTS

• Up to 96 outputs
• Four onboard Class B or 1 Class A NAC circuits, 2 amps each, total 2A @ 24V; Up to 24
• Onboard Wheelock and System Sensor NAC sync/strobe/horn protocol allows initial silence of audible appliances while maintaining visual notification, without the use of additional modules
• Addressable SLC Fire Devices: Supervised relay, unsupervised relay
• Fire 4-wire bus devices: 8 zone form C relay (GEMC-RM3008), 8 open collector output (GEMC-OUT8)
• Support for Legacy and Existing Notification Appliances – Two NAC outputs configurable for 12V for easy retrofit compatibility
• Automatic drift compensation for SLC smoke detectors
• Programmable obscuration level by smoke detector device
• Tri-Mode Smoke Obscuration Report (for addressable detectors) generated remotely or locally (see WI2309LF instructions)
**SOLE/DUAL PATH CELLULAR/IP COMMUNICATOR SPECS**

- Integrated StarLink Fire Cellular Communicator™ - Code-compliant, replaces 2 POTs lines to save thousands of dollars per year over leased landlines.
- Sole or Dual Path Cell/IP for redundant reporting (selectable when choosing plan).
- Reports to any Central Station, via dial up or IP, without any special equipment.
- Broadest coverage footprint available, using LTE CAT1, for the best, fastest coast-to-coast StarLink coverage.
- Communicates critical life and safety alarm reports on cyberprotected multibillion-dollar cellular networks, for maximum security & liability protection.
- Easy, flexible 24/7 activation & online account management – Ultra-affordable plans are available to meet various codes and requirements, with supervisory check-ins from 200 seconds, to 5-minutes; 1 hour or 6 hours.
- Patented Signal Boost™ signal amplification circuit and high-gain dual diversity, precision LTE twin antenna design & Signal Boost™ circuitry ensure greater range & reliability, maximizing signal acquisition and null-avoidance, receiving signals simultaneously on both antennas.
- Operating Environment: 0 to 49º C (32-120ºF), up to 93% humidity.

**Conventional Fire System Peripherals**

- GEMC-PW-SLC: Addressable SLC Fire Module, supports up to 128 addressable SLC fire devices, below. Up to 2 connect to Panel.
- FWC-FSLC-SMK: Addressable Analog SLC Smoke, photoelectric, head**.
- FWC-FSLC-HEAT: Addressable Analog SLC Heat, 135 - 150ºF, head**.
- FWC-FSLC-DUCT: Addressable SLC Duct smoke detector, photoelectric (Requires use of GEMC-24VR Voltage Regulator) yields 2 onboard relays that follow state of detector.
- FWC-FSLC-DUCTRA: Remote Indicator Plate with LED indicator & key reset.
- FWC-FSLC-EZM2: Addressable SLC 2-zone conventional expansion module. Uses one address on SLC loop, but yields 2 indep. contact monitoring circuits, for pull stations, water flow and other dry contact alarm initiating devices.
- FWC-FSLC-EZM1: Addressable SLC 1-input conventional module, similar to usage above.
- FWC-FSLC-CZM: Addressable SLC Conventional Zone module, for monitoring of dry contacts, i.e., pull stations and conv. smokes (Requires use of GEMC-24VR Voltage Regulator) Creates a 24V 2-wire fire zone on the SLC loop, selectable Class A or B zone wiring.
- FWC-FSLC-RM2: Addressable SLC 2-output module (requires 2 SLC addresses).
- FWC-FSLC-ISO: Addressable SLC Short Circuit Module (Optional: For special applications, meets Class A, Style 7 loop reqts.)
- FWC-FSLC-SOM1: Addressable SLC Fire supervised output module. Application examples: elevator recall, HVAC shutdown, add'l NAC output w/ power supply (Requires use of GEMC-24VR Voltage Regulator)
- FWC-FSLC-PULL: Addressable SLC Fire Pull Station, standard hex-key reset.
- FWC-FSLC-PULLX: Addressable SLC Fire Pull Station, with key reset.
- FWC-FSLC-PULL2: Dual action, pull station with hex key reset.
- FWC-FSLC-PULL2K: Dual action pull station, with key reset.
- FWC-FSLC-PROG2: Tool for address-programming SLC devices.
- FWC-FSLC-SMK6B: **Smoke/Heat 6" Base, required for FWC-FSLC-SMK & -HEAT devices, above.

**Addressable Peripherals**

- FWC-FSLC-SMK: Addressable Analog SLC Smoke, photoelectric, head**.
- FWC-FSLC-SMK6B: **Smoke/Heat 6" Base, required for FWC-FSLC-SMK & -HEAT devices, above.

**FL-255 FACP**

- FL-255FACP-LTVI New FireLink FACP XL 255 with sole/dual path cell &/or IP communicator & annunciator built in. (4 on board NACs providing up to 6.5A notification power). Locking, Red Enclosure, (surface or flush mount**), removable 16" x 25" door, with 14.25" x 16" base. Houses up to 32Ah battery backup. *Note: For flush mount applications, use external antennas (see SLE-ANTEXT75..., below)

*FL-255FACP-LTAI As above but with AT&T Network.

For full line go to: www.napcosecurity.com/media/pdfs/A745B-SLE-ANTEX.pdf

Also see Original FireLink 32 Conventional FL-32FACP-LTEVS & FL-32FACP-LTEAS models (VZ & ATT) & additional peripherals below

**ORDERING INFORMATION**

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