## Overview

The FireworX FX-254 life safety system offers the reliability of analog/addressable fire detection for small to mid-sized applications. Built to provide years of trouble-free service, this system benefits building owners and installers with rotory device addressing, optional Ethernet ${ }^{\oplus}$ connectivity, and a full line of easily-to-configure option cards and modules.

The FX-254 provides one Class A or Class B analog/addressable device loop that supports up to 127 devices. A second 127-point loop may be added to the FX-254 to expand total system capacity to up to 254 device addresses. The panel includes four NACs that may be wired for either Class A or Class B operation.

The FX-254 supports a wide range of accessories and related equipment, including:

- Intelligent modules and pull stations
- Intelligent detectors, and bases
- Remote annunciators
- Option cards that expand system capacity and extend system capabilities.


## Features

- Comes standard with one loop (expandable to two) that supports up to 127 (expandable to 254) analog/addressable devices
- Supports intelligent modules, pull stations, detectors, and bases
- Four Class B NACs or two Class A NACs.
- Form C contacts for alarm and trouble, Form A for supervisory
- Rotary addressing on all intelligent addressable devices
- Optional Ethernet port for diagnostics, programming and a variety of system reports
- Two programmable switches with LEDs and custom labeling
- Supports horn silence over two wires and UL 1971-compliant strobe synchronization
- Standard Class A wiring
- Supports up to eight serial annunciators, (LCD, LED-only, and graphic interface).
- Can use existing wiring for most retrofit applications
- Upload/download remotely or locally
- Two-level maintenance alert reporting
- Pre-alarm and alarm verification by point
- Adjustable detector sensitivity
- $4 \times 20$ character backlit LCD display


## 254-Point Analog/Addressable Life Safety System FX-254



## Application

The FX-254 life safety system is a reliable analog/addressable solution for small to mid-sized buildings. Analog/Addressable Technology delivers the benefits of flexible system installation, while a clean and easy-to-operatate user interface makes panel operation and system maintenance quick and intuitive.

Reliability you can count on
The inherent fault-tolerant characteristics of Analog/Addressable Technology boosts the reliability of FX-254 systems. When combined with FX Series smoke and heat detectors, this system delivers a level of dependability not previously available for small to midsized applications. All FX systems are built to exacting GE reliability benchmarks and meet ISO 9001 standards for quality, in addition to agency listings for dependability.

## Flexibility built right in

Two fully-programmable front panel switch/LED combinations provide an added measure of flexibility. Their slide-in labels take the mystery out of custom applications, and present a clean finished appearance.

## Perfect for retrofits

The FX-254 is particularly well-suited to retrofit applications. All connections are made over standard wiring - no shielded cable required. This means that in most situations existing wiring can be used to upgrade a legacy control panel to FX-254 technology without the expense or disruption of rewiring the entire building.

## Signals with a difference

FX-254 NACs are configurable to fully support GE notification appliances. These devices offer precision synchronization of strobes to UL 1971 standards. Enabling this feature allows connected horns to be silenced while strobes on the same two-wire circuit continue to flash until the panel is reset.

## Clear-cut remote annunciation

Remote annunciation is a strong suit of the FX-254. Up to eight annunciators can be installed on a single system. Compatible annunciators include a range of LED and LCD models that provide zone or point annunciation, as well as common control capabilities.

The FX-254 also supports graphic annunciation with optional Graphic Annunicator interface modules. Each interface provides common control, indicators, and 32 LEDS. Consult the Ordering Information section for details.

## A complete line of accessories

The FX-254 life safety system is supported by a complete line of analog/addressable detectors, modules and related equipment. Consult the Ordering Information section for details.

## Operation

The front panel provides an easy-to-use operator's interface, as well as all the necessary controls for front panel programming. A large back-lit 80-character LCD displays system status, event details, and programming prompts. Large tactile control buttons are easy to see in low light conditions, and bright multicolor LEDs offer at-a-glance status indication.


## Control buttons

| Button | Description |
| :---: | :---: |
| Reset | Initiates a system reset. |
| ACK/Panel Silence | Silences the panel and remote annunciators during an active trouble, supervisory, or alarm event and acknowledges new event activations. |
| Signal Silence | Alarm mode: Silences active notification appliances. Pressing Signal Silence a second time turns NACs back on. |
| Remote Disconnect | Dialer: Disables or enables dialer. Dialer set to modem only: Disables or enables the common alarm relay. |
| Left arrow | Display mode: Moves the cursor to the left. Menu mode: Toggles between programming selections. |
| Right arrow | Display mode: Moves the cursor to the right. Menu mode: Retrieves a programming option's sub menu and toggles between a programming option's selections. |
| Up arrow | Display mode: Advances to the previous event. Menu mode: Moves the cursor up. |
| Down arrow | Display mode: Advances to the next event. Menu mode: Moves the cursor down. |
| Enter | Display mode: Displays selected event details. Menu mode: Retrieves a programming option's sub menu or jumps to the Save function in the menu. Entry mode: Enters the selected data into the system. |
| Cancel | Display mode: Exits the detailed information display. Menu mode: Exits the current menu level. Entry mode: Clears the current entry. |
| Menu | Display mode: Enters the menu mode Menu mode: Exits menu mode |
| Space | Enters a space, such as a space between words. |
| Alphanumeric keypad | Entry mode: Pressing a button once enters the number on the button. Pressing the button twice enters the secondary value. |
| Programmable buttons | These buttons can be programmed to control or operate a device, zone, or Panel NAC. The buttons can be labeled with a slip-in insert. |

## System LEDs

| LED | Description |
| :--- | :--- |
| Fire Alarm | Red LED. On steady when there is an active alarm. |
| Trouble | Yellow LED. Flashes when there is a fault on a <br> monitored circuit or system component, or when a <br> circuit is disabled. |
| Supv | Yellow LED. On steady when there is an active <br> supervisory event. |
| AC Power | Green LED. On when the panel has AC power. |
| Disable | Yellow LED. Double-flashes when there is a dis- <br> abled circuit or alarm relay. |
| Ground Fault | Yellow LED. On steady during an active ground fault. |
| Test | Yellow LED. Flashes when performing an audible <br> walk test. Steady indicates a silent test. |
| Service Yellow LED. Indicates that detector needs servicing. <br> Detector Yellow LED. On steady indicates that NAC circuits <br> are turned off but the panel is still in alarm. <br> Signal  <br> Silence Yellow LED. On steady indicates that the dialer <br> Remote disabled or that the alarm relay is enabled or <br> disabled when the dialer is set to modem only. <br> Usconnect keys Yellow LED. Programmable. |  |

Panel Operation Options

| Language | English or French |
| :--- | :--- |
| Marketplace | U.S. or Canada |
| AC fail delay | Off: Off-premise notification of an AC power failure is <br> immediate. <br> 1 to 15 hours: Delays the off-premise notification of <br> an AC power failure by the time period selected. |
| Zone resound | On: NACs resound each time a device in the zone <br> goes into alarm even if they were silenced <br> Off: Inhibits the NACs from turning on again lafter <br> they were silenced) when a second device in the zone <br> goes into alarm. |
| Reset inhibit after | Off: Panel reset is operational immediately. <br> 1 minute: Panel reset is inhibited for one minute. |
| Auto signal | Off: Allows immediate silencing of signals from an <br> off-normal condition using the Signal Silence button <br> silence |
| 5 to 30 minutes: Delays the silencing of signals from <br> an off-normal condition by disabling the Signal <br> Silence button for the time period selected. |  |
| Say start | Start time for daytime sensitivity |
| Sight start | Start time for nighttime sensitivity <br> U.S.: MM/DD/YYYY <br> Canada: DD/MM/YYYY |
| Date | Banner text for line one and line two. Each line is <br> capable of up to 20 characters. |
| LCD banner | Zone: When a device is a member of a zone, only the <br> zone information is sent to the LCD display, LEDs, <br> printer, and dialer. <br> Zone/device: Zone information is sent to the LCD <br> display and LEDs. Device information is sent to the <br> printer and dialer. <br> Device: Only device information is reported. |
| Event notification |  |

## Programming

FX-254 life safety systems are simple to set up, yet also offer programming features that put these small building panels into a class of their own. Auto programming quickly gets the panel operational using factory default settings and basic zone and point settings can be programmed through the front panel interface, so the system is up and running in no time.

FX-254 systems also interface to a PC running compatible FX-CU software. This option offers full system configuration in the familiar Windows ${ }^{\circledR}$ operating environment. Connection is typically made to a laptop through the panel's optional RS-232 communications port, which can also be used to connect a system printer.

The optional network card provides a standard 10/100 Base T Ethernet ${ }^{\circledR}$ network connection that permits access to the control panel from any remote location with the correct communications protocols. The connection can be used to download to the panel from the FX-CU, or upload and view system reports using the FX-CU.
Available system reports include:

- Correlation groups - Device details
- Device maintenance - History
- Internal status
- System configuration
- System status
- Walk test
- Dialer

Dimensions

Panel dimensions, in (cm)

| Model | D1* | D2 | D3 | D4 | D5* | D6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FX-254 | 28.0 | 3.85 | 9.0 | 22.0 | 15.75 | 10.25 |
|  | $(71.1)$ | $(9.8)$ | $(22.8)$ | $(55.8)$ | $(40.0)$ | $(26.0)$ |

* Add 1-1/2 in. (3.81 cm) to D1 and D5 dimensions for trim kit.


## Wiring \& Configuration

Notification appliance circuits (TB2)
FX-254 control panels come equipped with four notification appliance circuits. Each circuit can be individually configured for continuous, temporal, synchronized, and coded output.

| Circuit specifications |  |
| :--- | :--- |
| Circuit Type | 4 Class B or 2 Class A, 2.5 amps each |
| Voltage | 24 VFWR |
| Current | 6.0 A total, 2.5 A max. per circuit at $120 / 230 \mathrm{VAC} 60 \mathrm{~Hz}$ |
|  | 5.0 A total at 230 VAC 50 Hz |
|  | 2.5 A max. per circuit |
| Impedance | $26 \Omega$ total, $0.35 \mu \mathrm{~F} \mathrm{max}$ |
| EOLR | $15 \mathrm{~K} \Omega, 1 / 2 \mathrm{~W}$ |

Class B wiring


Class A wiring


## Device loop

The system provides one device loop circuit that can be used with any mix of detectors and modules. The loop circuit is supervised for opens, shorts, and grounds.

| Circuit specifications |  |
| :--- | :---: |
| Device loops | 1 loop, expandable to 2, Class A or B, each loop <br> supporting up to 127 device addresses |
| Communication <br> line voltage | Maximum 20 V peek-to-peek |
| Circuit current | 0.5 A max |
| Circuit impedance | $66 \Omega$ total, $0.5 \mu \mathrm{~F}$, max |
| Isolators | 64 maximum |

Class B wiring


Class A wiring


## Annunciator loop (TB4)

The control panel provides a connection for up to eight serially driven and supervised remote annunciators.

## Circuit specifications

| Device loops | Class B (Style Y) or Class A (Style Z) |
| :--- | :--- |
| Circuit voltage | 2.55 V |
| Circuit current | 30 mA max |
| Circuit impedance | Up to 8 annunciators or 4000 feet |

## Class B



Class A


## Alarm, trouble, and supervisory relay (TB3)

The trouble relay is normally-open, held closed, and opens on any trouble event or when the panel is de-energized. The supervisory relay is normally-open, and closes on any supervisory event. The alarm relay changes over on any alarm event.
Relay specifications

|  | Alarm |  | Trouble |
| :--- | :---: | :---: | :---: |
| Type | Form C |  |  |
| Voltage | 24 VDC at 1 A resistive | 24 VDC at 1 A resistive |  |

Relay circuits can only be connected to power-limited sources.

Auxiliary \& Smoke power outputs (TB3)
The control panel provides two auxiliary power outputs which can be used for powering ancillary equipment such as remote annunciators and two wire smoke detectors. Aux 2 can be software selected to operate continuous. The circuit is supervised for shorts and grounds.

Note: For a complete list of devices that can be connected to this circuit, refer to the FX Series Compatibility List 3101063.

| Circuit specifications |  |  |
| :--- | :--- | :---: |
| Circuit voltage range | 21.9 to 28.3 V |  |
| Resettable circuit <br> (Aux power 2) | 24 VDC nominal at 500 mA |  |
| Continuous circuit | 24 VDC nominal at 500 mA . Use this circuit for |  |
| (Aux power 1) | powering two-wire smoke detectors. |  |

Note: Any current above 0.5 amp connected to both Aux 1 and 2 will reduce the total available NAC power by that amount.

## Option Cards

FX-254 panels are supported by a complete line of modules and related equipment that enhance performance and extend system capabilities. Option cards plug directly into the control panel main circuit board or are connected to it with a ribbon cable. After installation, terminals remain accessible. The cabinet provides ample room for wire routing, keeping wiring neat at all times.

## SA-ETH Ethernet Interface Card



The SA-ETH card provides a standard 10/100 Base T Ethernet network connection for connecting to an intranet, a local network, or the Internet. The card can be used to download configuration programming from the FX-CU to the panel over the network.

The Ethernet card is installed on the plastic assembly and connects to the main circuit board via a ribbon cable.

| SA-ETH specifications |  |
| :--- | :--- |
| Ethernet | $10 / 100$ Base T |
| Operating environment |  |
| Temperature |  |
| Humidity | 32 to $120^{\circ} \mathrm{F}\left(0\right.$ to $\left.49^{\circ} \mathrm{C}\right)$ |
|  |  |

## XAL127 Loop Expander Card

The XAL127 Loop Expander Card provides an additional device loop on the control panel. The card expands the control panel's device capacity to 254 total device addresses, 127 per loop. The card is compatible with Class B or Class A wiring. It is compatible with FX254 control panels only.

The loop expander card connects to connector J7 on the main circuit board.

Class B wiring


Class A wiring


| XAL127 specifications |  |
| :--- | :--- |
| Device addresses on loop | 127 detectors and/or modules |
| Wiring | Class B (Style Y) or Class A (Style Z) |
| Operating voltage | 20 V peak-to-peak |
| Operating current | 0.5 mA A total |
| Circuit impedance | $66 \Omega, 0.5 \mathrm{FF}$, max |
| Terminal rating | 12 to $18 \mathrm{AWG}(0.75$ to 2.5 sq mm$)$ |
| Operating environment <br> Temperature <br> Humidity | 32 to $120^{\circ} \mathrm{F}\left(0\right.$ to $\left.49^{\circ} \mathrm{C}\right)$ <br> 0$\quad$ to $93 \% \mathrm{RH}$, noncondensing at $90^{\circ} \mathrm{F}\left(32^{\circ} \mathrm{C}\right)$ |

SA-DACT Dialer
The SA-DACT provides communications between the control panel and the central station over a telephone line system. It transmits system status changes (events) to a compatible digital alarm communicator receiver over the public switched telephone network. The dialer is capable of single, dual, or split reporting of events to two different account and telephone numbers. The modem feature of the SA-DACT can also be used for uploading and downloading panel configuration, history, and current status to a PC running the FX-CU.


The dialer phone lines connect to connectors on the dialer's main circuit board. Phone line 1 connects to connector J4 and phone line 2 connects to connector J1.

The SA-DACT queues messages and transmits them based on priority (alarm, supervisory, trouble, and monitor). Activations are transmitted before restorations.

The SA-DACT is installed on the plastic assembly and connects to the main circuit board via a ribbon cable.

SA-DACT specifications

| Phone line type | One or two loop-start lines on a public, <br> switched network |  |
| :--- | :--- | :--- |
| Phone line connector | RJ-31/38X (C31/38X) |  |
| Communication formats | Contact ID (SIA DC-05) |  |
| Operating environment <br> Temperature <br> Humidity | 32 to $120^{\circ} \mathrm{F}\left(0\right.$ to $\left.49^{\circ} \mathrm{C}\right)$ <br> 0 to $93 \% ~ R H, ~ n o n c o n d e n s i n g ~ a t ~$ <br> $90^{\circ} \mathrm{F}\left(32^{\circ} \mathrm{C}\right)$ |  |
| Compatible DACRs | Models | Formats |
| Receiver | 685 | Contact ID |
| Ademco | CP220 | Contact ID |
| FBII | OH 2000 | Contact ID |
| Osborne-Hoffman | D6600 | Contact ID |
| Radionics | 9800 | Contact ID |
| Silent Knight | SG-MLR1, MLR2 | Contact ID |
| Sur-Gard |  |  |

## SA-232 RS-232 interface

The SA-232 card provides an RS-232 interface with FX-254 panels. It can be used for connecting a printer to the control panel to print system events. The card also can be used for connecting a computer to download a configuration program from the FX-CU to the control panel.


The RS-232 card is installed on the plastic assembly and connects to the main circuit board via a ribbon cable.

| SA-232 specifications |  |
| ---: | :--- |
| Operating voltage | Standard EIA-232 |
| Terminal rating | 12 to18 AWG (0.75 to 2.5 sq mm$)$ |
| Operating environment |  |
| Temperature | 32 to $120^{\circ} \mathrm{F}\left(0\right.$ to $\left.49^{\circ} \mathrm{C}\right)$ |
| Humidity | 0 to $93 \% \mathrm{RH}$, noncondensing at $90^{\circ} \mathrm{F}\left(32^{\circ} \mathrm{C}\right)$ |

## Specifications

| Device loops | 1 loop, expandable to 2, Class A or B, each loop <br> supporting up to 127 device addresses |
| :--- | :--- |
| NAC circuits | 4 Class B or 2 Class A, 2.5 amps each |
| Power supply | 6.0 A total, 2.5 A max. per circuit at 120/230 VAC <br> 60 Hz <br> 5.0 A total at 230VAC $50 \mathrm{~Hz}, 2.5 \mathrm{~A}$ max. per circuit <br> 0.5 amps aux power |
| NAC Operating <br> voltage | 24 VDC. NAC minimum voltage: 19.5 VDC @ 20.4 <br> V battery voltage |
| Loop circuit operating <br> voltage | 20 V peak-to-peak |
| Primary power | $120 \mathrm{VAC}, 60 \mathrm{~Hz}, 230 \mathrm{VAC} \mathrm{50-60} \mathrm{~Hz}$ |
| Aux Power 1 <br> (Continuous circuit) | 24 VDC nominal at 500 mA. |
| Aux Power 2 <br> (Resettable circuit) | 24 VDC nominal at 500 mA. |
| Auxiliary output | 19 to 25.7 VDC |
| Base panel current | Standby: $164 \mathrm{~mA} \mathrm{Alarm:} 267 \mathrm{~mA}$ |


| Battery placement | FX-254 cabinets accommodate up to $18 \mathrm{~A} / \mathrm{H}$ batteries. Use a external cabinet for larger sizes. |
| :---: | :---: |
| Batteries | Batteries must be sealed lead acid type only. Maximum charging capacity $=26$ Ah. |
| Loop circuit | Maximum loop resistance: $66 \Omega$. Maximum loop capacitance: $0.5 \mu$ F. Style 4,6 , and 7 wiring. 64 isolators maximum. |
| Compatibility ID | 100 |
| Alarm contact | Form C 24 VDC @ 1 A (resistive load) |
| Trouble contact | Form C 24 VDC @ 1 A (resistive load) |
| Supervisory contact | Form A 24 VDC @ 1 A (resistive load) |
| Environmental | Temperature: 0 to $49^{\circ} \mathrm{C}$ ( 32 to $120^{\circ} \mathrm{F}$ ). Humidity: 0 to 93\% RH, noncondensing |
| Terminal rating | All terminals rated for 12 to 18 AWG (0.75-2.5 mm) |
| Serial communications | Voltage: 2.55 V . Current: 30 mA max |
| Remote annunciator | 8 drops max, RS-485 Class A or B |
| Input zones | 32 max. |
| Agency Listing | UL, CSFM and ULC |


| Part | Description |
| :---: | :---: |
| FX-254 Multi-Loop Systems |  |
| FX-254G | 1 Loop System, 254 point capacity, 4 NACs, Gray door, surface mount enclosure, 115VAC transformer, English. |
| FX-254GD | 1 Loop System, 254 point capacity, two-line dialer, 4 NACs, Gray door, surface mount enclosure, 115VAC transformer, English. |
| FX-254G-2 | 1 Loop System, 254 point capacity, 4 NACs, Gray door, surface mount enclosure, 230VAC transformer, English. |
| FX-254R | 1 Loop System, 254 point capacity, 4 NACs, Red Door, surface mount enclosure, 115VAC transformer, English. |
| FX-254RD | 1 Loop System, 254 point capacity, two-line dialer, 4 NACs, Red Door, surface mount enclosure, 115VAC transformer, English. |
| FX-254R-2 | 1 Loop System, 254 point capacity, 4 NACs, Red Door, surface mount enclosure, 230VAC transformer, English. |
| SA-TRIM2 | Flush mount trim, black |
| Option Cards |  |
| SA-DACT | Dual Line Dialer/Modem, supports 4/2 and Contact ID, mounts in cabinet on base plate. |
| SA-232 | Serial Port (RS-232), for connection to printers \& computers, mounts in cabinet to base plate |
| SA-ETH | Ethernet Port, Slave, mounts in cabinet on base plate. |
| XAL127 | Loop Expansion Module. Adds second loop to FX-254 systems, 250 point capacity. Mounts in cabinet on main board. |
| D16L-Fa | LED Annunciator Module, 16 groups, 2 LEDs per group with insertable labeling. Mounts in cabinet on FX-254 systems. |
| Remote Annunciators (refer to Data Sheet FX85005-0128) |  |
| LCD Remote Annunciators |  |
| RLCDR | Remote Annunciator, 4×20 LCD \& Common Indictors for displaying system status, mounts to standard 4" Square electrical box. |
| RLCD-CR | Remote Annunciator, 4X20 LCD, Common Indictors \& Common Controls for displaying system status, mounts to standard 4" Square electrical box. |
| LED Remote Annunciators \& Expander |  |
| RLED-CR | Remote Annunciator, Common Indictors for displaying system status, common controls \& 16 groups w/2 LEDs each for zone display, mounts to standard 4" Square electrical box. |
| RLED24R | Remote Annunciator Zone expander, 24 groups of 2 LEDS each for display of alarm and trouble. Each with custom label area. Mounts to standard 4" electrical box. |
| Graphic Annunciator Drivers |  |
| $\mathrm{GCl}$ | Graphic Annunciator Driver, provides outputs for common indicators and 32 alarm/supv zones as well as inputs for common switches. Provided with a snap track for mounting in custom graphic enclosures. |
| Remote Annunciator Cabinets \& Accessories |  |
| RA-ENC1 | Remote Annunciator Enclosure, key locked with plexiglass window for one RLCD(C) or RLED(C). |
| RA-ENC2 | Remote Annunciator Enclosure, key locked with plexiglass window with space for 2 of either RLCDx, RLEDx or RLED24. |
| RA-ENC3 | Remote Annunciator Enclosure, key locked with plexiglass window with space for 3 of either RLCDx, RLEDx or RLED25. |
| RKEY | Keyswitch, single gang, provides key operated enable or disable of common controls on RLCD or RLED units. |
| LSRA-SB | Surface Mount Box - for R-Series Annunciators. |
| Programming Tools |  |
| FX-CU | Firewor $\times$ Series configuration and diagnostics utility. |

## Security

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Analog/addressable Devices \& Accessories

| Part Description |  |
| :--- | :--- |
| Number |  |


| Analog/addressable Detectors \& Bases (refer to data sheet FX85001-0592) |  |  |
| :--- | :--- | :---: |
| FX-PHD | Analog/addressable Optical/Fixed Temperature Detector | $0.25(0.11)$ |
| FX-PD | Analog/addressable Optical Smoke Detector | $0.25(0.11)$ |
| FX-HD | Analog/addressable Fixed Temperature Heat Detector | $0.25(0.11)$ |
| FX-PDD | Analog/addressable Duct Detector | $2.4(1.1)$ |
| B4U | Standard Base | $0.11(0.05)$ |
| RB4U | Relay Detector Base | $0.11(0.05)$ |
| IB4U | Isolator Detector Base | $0.11(0.05)$ |
| SB4U | Audible (Sounder) Detector Base | $0.11(0.05)$ |
| AB4G-SB | Surface Box for Audible Base | $1.0(0.45)$ |
| RLED | Remote alarm LED, use with standard base only | $0.2(.09)$ |


| Modules |  |
| :--- | :--- |
| FX-IDC1B | One Input Module, mini |
| FX-IDC2B | Two Input Module, double gang |
| FX-IDCWS | Two Input Module, double gang, Waterflow, Supervisory |
| FX-IDC1A | Analog/addressable Class A Single Input Module |
| FX-RLY | Analog/addressable relay Module, double gang |
| FX-ISO | Line isolator Module, double gang |
| FX-NAC | Analog/addressable NAC Module, double gang with GE strobe synchronization |
| FX-2WIRE | Two-wire Smoke Detector Interface Module, double gang |
|  |  |
| Accessories |  |
| CTM | City Tie Module. Mounts in 2-gang electric box. <br> Provides connection to a local energy fire alarm box. |
| MFC-A | Multifunction Fire Cabinet, 8" $\times 14$ " $\times 3.5$ " - RED. |

