

Fire 1 Series FACP FEATURES:

- Digital Addressable
- Addressable & Conventional inputs
- Modular in design
- 126 Addressable devices per Loop
- 8 Addressable Loops
- 1008 Addressable Devices
- 15 remote LCD Annunciators (Fire 1)
- 8 remote LCD Annunciators (Fire 2)
- Day / Night sensitivity settings
- Alarm Verification
- Automatic Drift Compensation
- 4 NAC circuits
- 7 Amps Power Supply
- Remote programming option
- Panel to Panel Network capable
- Holiday Scheduling
- 60 Conventional Zones
- 6,000 ft extended addressable loop option
- Flash / Non-Flash detector LED option
- Constant Power NAC option

DESCRIPTION:

The Evax Fire 1 & Fire 2 are sophisticated microprocessor-based analog addressable fire alarm control system suited to the various needs of commercial, industrial and institutional applications. The Fire 1 provides the ability to “software” configure and label 1008 Apollo or 1584 System Sensor Signal Line Circuits (SLC) points plus system and network points. It functions as a manual, automatic and water flow control system for local, central station, and remote station applications. Activation of a compatible sensor or normally open fire alarm initiating devices will sound audible appliances, notify a remote station, annunciate a fire or alarm condition, and energize supplementary relays. The Fire 2 is limited to 252 Apollo or 396 System Sensor points on two SLC's.

Remote Annunciator:

The Evax Fire 1 Series FACP's allows connection of remote Display Annunciators (EF1-ANN). The total Remote Annunciator quantity that can connect to one Panel is 15 for a Fire 1 and 7 for a Fire 2.

**FIRE 1 & 2
 EF1-ANN
 Remote Annunciator**



7170-1446:107
 7165-1446:106



3127525 FACP
 3127886 LCSS

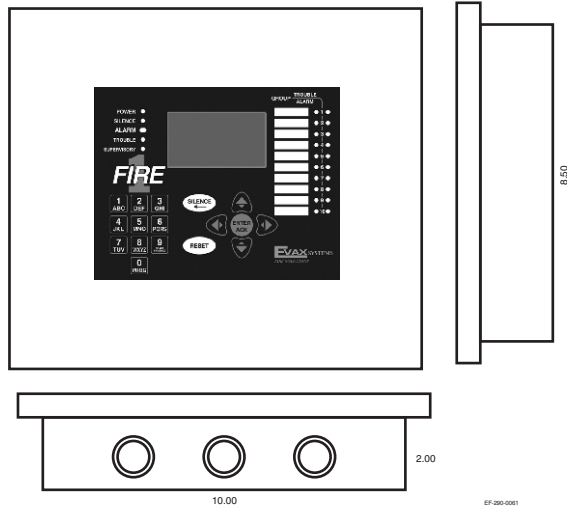
The Remote Annunciator is intended for surface or flush mounting and includes the Remote Annunciator module that is placed inside the cabinet.

EF1-ANN module contains:

- Graphical LCD display 64x128 points with LED backlight.
- 17 key keyboard.
- 25 System Status LEDs

EF1-ANN module provides the following functions:

- Indication by LCD screen of the system events and input/output system configuration parameters.
- LCD indication font 6x8 points.
- Characters numbers 160 (8 lines x 20 characters).
- Multi language options - according to the customer order.
- System command entering by keyboard
- System status indication by LEDs
- Communication with main Panel by RS485 internal network
- Nominal power supply voltage - 24 VDC



Dimensions:

Backbox: 10" x 8 5/8"

Front Plate: 11 1/2" x 10"

Finish: Red

How to Order:

EF1	2 Loop expandable Addressable FACP Apollo and/or System Sensor Protocol w/ RED cabinet 115/230VAC 50-60HZ
EF1-10C	10 Zone Conventional FACP w/ RED cabinet 115/230VAC 50-60HZ
EF2	2 Loop non-expandable Addressable FACP Apollo and/or System Sensor Protocol w/ RED cabinet 115/230VAC 50-60HZ
EF-UDACT	SIA1 Protocol Universal Digital Alarm Communicator Transmitter
EF1-CAB	FIRE 1&2 Cabinet only backbox & door, RED
EF1-CABG	FIRE 1&2 Cabinet only Backbox & door, GRAY
EF1-2EXP	2 Addressable Loop expander Apollo and/or System Sensor Protocol w/ cabinet
EF1-4EXP	4 Addressable Loop expander Apollo and/or System Sensor Protocol w/ cabinet
EF1-10C-EXP	10 Class B or 5 Class A Conventional Zone expander w/ cabinet
EF1-LC	2 Addressable Loop expander board only, Apollo and/or System Sensor Protocol
EF1-CM	10 Class B or 5 Class A Conventional Zone expander, Board only
EF1-EXP-CAB	Expander Cabinet only, backbox & door
EF1-ANN	Remote LCD/LED Annunciator in Cabinet
EF1-RAN	Remote LCD/LED Annunciator Board only
EF1-ANN-CAB	Remote Annunciator Cabinet only
EF1-MBC	Fire 1 Common System components (MMC, PDC, PC & Power Supply) 115/230VAC 50-60HZ

EF2-MBC	Fire 2 Common System components (MCCLC, PDC, PC & Power Supply) 115/230VAC 50-60HZ
EF1-RC	2 Form C relay board- connects to MCC or EF1-CM
EF1-RCCBL	Flat ribbon cable for the EF1-RC connect to MCC or EF1-CM board
EF1-KIT	Mounting Hardware kit for adding LC/CM cards into Expander panels
EF1-USB-CBL	FIRE 1 & 2 Laptop USB Programming Cable, USB A to USB B mini

Engineering Specification

The Fire Alarm Control Panel (FACP) shall be Addressable loop and Conventional Zone capable. Standard FACP shall be two (2) loops of addressable circuits expandable to eight (8). The system shall be capable of 126/198 Apollo/System Sensor addressable devices per loop for a total of 1008/1584 addressable devices. Each expander module shall add an addition 2 addressable loops or 10 conventional zones. These expander cards shall be housed in their own cabinets and be capable of being remotely located up to 6,000 feet from the main FACP. The main FACP shall communicate with addressable devices in both digital and analog communication formats. System shall have auto program capability, sensitivity adjustments, day/night sensitivity, holiday scheduling, off site programming and troubleshooting, shall be capable of adding internal Form "C" relay contacts housed in the main FACP cabinet, and be capable of automatic drift compensation. System shall be programmed using propriety software or from the main FACP. Panel shall have the ability to add up to 15 (Fire 1) or 7 (Fire 2) remote LCD/LED Annunciators utilizing digital communications. Panel shall charge up to 40 A-H's of standby batteries without the use of an external power supply. The panel shall contain four (4) on-board Notification Appliance Circuits (NACs) that support multiple synchronization protocols or can be programmed as auxiliary power. The panel shall utilize a 8 x 20 character Liquid Crystal Display (LCD) with LED backlight and a 1,000-event history log. The panel shall be an Evax FIRE 1 or Fire 2 with EF1-ANN Remote Annunciator.

Specifications are subject to change without notice. Specifications are provided for information only and no responsibility is assumed by Evax Systems, Inc for their use.