

## แผงควบคุมการแจ้งเตือนอัคคีภัย รุ่น SFP-2404 และ SFP-2404E (FACP) ยี่ห้อ NOTIFIER "NOTIFIER" SFP-2404 & SFP-2404E (FACP) FIRE ALARM CONTROL PANEL

- แผงควบคุมการแจ้งเตือนอัคคีภัย SFP-2404 และ SFP-2404E (FACP) นำเทคโนโลยีล่าสุดของไมโครโปรเซสเซอร์มาใช้ การควบคุมไฟแบบเต็ม SFP-2404 เข้ากันได้กับ เครื่องตรวจจับควันจาก i<sup>3</sup>™ จากเซ็นเซอร์ระบบพร้อมการชดเชยการดริฟท์, เตือนการบำรุงรักษาและคำเตือนการหยุดชะงัก การซิงโครไนซ์อัตโนมัติ ของอุปกรณ์ภาพและเสียงพร้อมสามตัวเลือกสำหรับ โปรโตคอลผู้ผลิต วงจรอุปกรณ์แจ้งเตือน (NAC) โปรโตคอลสามารถปิดเสียงอุปกรณ์ที่ได้ยินได้ในขณะที่ยังคงทำงานอยู่ แฟลชโดยใช้สายคู่เดียว SFP-2404 เข้ากันได้กับอุปกรณ์อื่นพุทแบบเต็ม เช่นเครื่องตรวจจับควันไฟแบบสองและสี่สายสถานีดับน้ำ อุปกรณ์, สวิตช์ tamper และอื่น ๆ

### SFP-2404(E) Fire Alarm Control Panel



#### Conventional Fire Alarm Control Panels

#### General

The Notifier SFP-2404 and SFP-2404E Fire Alarm Control Panels (FACPs) bring the latest in microprocessor technology to conventional fire controls. The SFP-2404 is compatible with the i<sup>3</sup>™ smoke detectors from System Sensor, with drift compensation, maintenance alert, and freeze warning. Automatic synchronization of audio/visual devices with three selections for manufacturer protocol. The Notification Appliance Circuit (NAC) protocol can silence audible devices while strobes continue to flash, using a single pair of wires.

The SFP-2404 is compatible with conventional input devices such as two- and four-wire smoke detectors, pull stations, water-flow devices, tamper switches and other normally-open contact devices. Refer to the *Notifier Device Compatibility Document* 15378 for a complete list of compatible devices.

**Note:** Unless indicated otherwise, the term "SFP-2404" refers to both SFP-2404 and SFP-2404E models.

#### Features

- Four Style B (Class B) Initiating Device Circuits (IDCs).
- Two Style Y (Class B) NACs.
- Optional module that converts all four IDCs and two NACs to Class A operation.
- 24 VDC.
- **i<sup>3</sup>™ Technology features:**
  - Drift compensation automatically adjusts detector sensitivity and increases resistance to false alarms caused by dust accumulation.
  - Maintenance Alert LEDs (per zone) warn of excessive dirt accumulation, preventing false alarms (meets NFPA 72 requirements).
  - Detector sensitivity is automatically measured by the detector, which automatically adjusts its sensitivity back to the factory settings when it becomes more sensitive due to contaminants settling in the chamber.
  - Wireless handheld sensitivity meter eliminates the need for voltmeters, magnets, and a physical connection to the detector. The reader displays sensitivity in terms of percent per foot obscuration and provides text status indication.
  - Supervisory LED (per zone) provides warning if a detector senses temperature approaching freezing.
  - Special test protocol and LED indication allows quick test of all detectors without need for a ladder.
- **NAC synchronization features:**
  - Synchronization of standard ANSI audible signals as required by NFPA 72.
  - Synchronization of ADA compliant strobes per NFPA 72.
  - Selectable for System Sensor, Wheelock, and Gentex protocols.
  - Selective Silence feature for manual silence of horns while strobes continue to flash on the same NAC.
  - Alarm verification selectable for each zone.
  - Disable switches provided per zone.
- **NACs programmable for:**
  - Silence Inhibit
  - Auto Silence
  - Strobe Synchronization
  - Selective Silence (horn-strobe mute)
  - Temporal or Steady signal
  - Silenceable or Nonsilenceable
- Silent or audible Walk Test operation mode commanded from the front keypad, with automatic return-to-normal after one hour of inactivity.
- Each zone may be programmed for supervisory or fire; each zone has separate red and yellow LEDs.
- Zone 4 is programmable for combination of tamper supervisory monitoring and waterflow alarm.
- Form-C Alarm, Trouble, and Supervisory relays.
- 3.0 A total usable current.
- 6.0 A total usable current available with optional second transformer.
- **Control buttons:**
  - ACK (Acknowledge)
  - Alarm Silence
  - Reset
  - Walk Test
  - Zone Enable/Disable (one per zone)
- **LED indicators:**
  - Fire Alarm (one per zone)
  - Supervisory (one per zone)
  - Trouble (one per zone)
  - Maintenance (one per zone)
  - AC Power
  - NAC Disable
  - Zone Disable
  - NAC Fault
  - System Trouble
  - Power Trouble
  - Walk Test
  - Alarm Silence
  - Earth Fault (on circuit board)
  - Battery Fault (on circuit board)
  - Charger Fault (on circuit board)
- Piezo sounder for alarm, trouble, supervisory and maintenance.
- Optional plug-in 4XTM transmitter module.
- Optional plug-in 4XZM zone relay module.
- Optional 4XLM transmitter module for RZA-4X remote LED annunciator.
- Optional dress panel.

