Potter IPA-4000 — Quick Start Guide

Product Overview

The Potter IPA-4000 is an expandable analog/addressable releasing fire alarm system with a total capacity of 4,064 addresses. It uses Potter's addressable protocol and can be expanded with up to 31 additional SLCs, each supporting up to 127 devices. The system includes releasing capabilities for fire suppression applications.

Before Installation

• Installation and programming must be performed by qualified fire alarm personnel.

• Verify the panel, field devices, wiring and power requirements before energizing the system.

• Follow applicable NFPA requirements, local codes and the panel installation documentation.

System Architecture

• The base system supports the integrated SLC capacity provided by the panel and can be expanded with additional SLC modules.

• Each additional SLC supports up to 127 addressable devices.

• P-Link provides RS-485 communication and regulated 24 VDC power to compatible field devices.

Basic Startup

• Mount the cabinet and install the required batteries and field wiring.

• Connect SLC, NAC, I/O and P-Link circuits according to the approved system drawings.

• Program device addresses and system functions using compatible Potter programming software.

• Power the panel and verify AC power, system status LEDs and display operation.

• Perform required alarm, supervisory, trouble, notification and releasing tests before placing the system into service.

Important

• Releasing functions must be commissioned and tested according to the approved suppression system design.

• Do not place a life-safety system into service until all required testing and approvals are complete.