SIMPLEX 4100ES Fire Alarm System

The Simplex 4100ES is an analogue addressable fire alarm system that supports up to 2,500 analogue addressable points, and has enhanced features.

Each addressable loop can have up to 250 points.

The miniplex and networking facilities allow distribution of the system throughout buildings and across a large site.

Existing Simplex 4100ES systems can be upgraded to benefit from the expanded system capacity, new features, and AS 4428.1 compliance.

Features

// New Generation CPU with expanded memory capacity

// Compact flash memory card for configuration storage, drawings, manuals, etc.

// Ethernet connection for upload/download and service terminal

// Supports up to 2,500 analogue addressable points

// Easy expansion with addressable loops and conventional zone cards

// In-built IDNet analogue loop driver supports 250 addressable devices

// Wide range of addressable devices - detectors, sounder bases, input/output modules, and legacy MAPNET detectors and devices

// User interface includes user-programmable keys and LEDs

// LED/Pushbutton switch modules with programmable functions, e.g. zone Alarm and Isolate LEDs with Isolate control

// AS1668 Fan Control module (4 fans) with rotary switches and LEDs

// Expansion via Card Bays supporting either 4" x 5" format cards or 4100 (legacy) motherboards and daughter cards

// Remote miniplex configuration using 4" x 5" Transponder Interface Card or 4100 RIC

// Networkable into large systems using RS485 or fibre-optic ring

// 9A System Power Supply (SPS)

// Optional RS232 interfaces for graphics, remote printers or terminal

// Four operator access levels

// 600 event historical log

// WINDOWS based programmer provides extensive features, including output logic, network operation and annunciation

// Install Mode hides unconnected devices behind one fault and allows commissioning in stages for a single configuration

// Internet Interface Card available for remote access via client LAN

// High level links to BMS or EWIS - QE90, BACNET

// 19" rack compatible cabinet range. Systems generally build-to-order in custom configurations

// ActivFire listed to AS4428.1 (afp 1682)