Fire-Lite SMX+

Intelligent Addressable Fire Alarm Control System

Fire-Lite SMX+ is an intelligent Fire Alarm Control Panel designed to meet a large array of applications. The Fire-Lite SMX+ is best suited for small to mid-sized installations in a commercial or residential environment:

- Proven, reliable and efficient intelligent Fire Alarm control panel created
- to address needs installer and end-users.
- Flexible and scalable architecture which makes it suitable small and mid-sized networked facilities
- Extensive list of compelling features. With one to four Signaling Line Circuits
- (SLCs), the Fire-Lite SMX+ supports up to 792 intelligent addressable devices per panel and is capable of networking up to 16 nodes.
- Connectivity with BACnet and Modbus permits Fire-Lite SMX+ to integrate into 3rd party /Security / Building Management System.
- Integration with CLSS Gateway enables customers to deliver an enhanced fire safety service, while maximising the performance efficiencies by Honeywell's Connected Life Safety Services (CLSS)

FEATURES & BENEFITS

- One to Four isolated intelligent Signaling Line Circuits
- Up to CLIP 99 detectors and 99 CLIP modules per SLC, 198 devices per loop / 792 per FACP (or network node)
- Detectors can be any mix of photo, thermal, multi-criteria modules can be addressable manual call points, normally open contact devices, two-wire smoke detectors, notification and relay
- Large 640-character LCD backlit display
- Network up to 16 Fire-Lite SMX+ nodes

- Fire-Lite SMX+ Tools for online/offline program, test and reporting PC software.
- Weekly Occupancy Schedules allow changing sensitivity by time of day and day of week
- With built-in SLC Local mode operation; the system is capable of activating sounders and relays if a fire alarm condition is present even if the central processing unit (CPU) fails
- Range of annunciators for ancillary display & control

FEATURES & BENEFITS (cont.)

- History file with 4000-event capacity plus separate 1000-event alarm-only file
- Advanced history filters allow sorting by event, time, date, or address
- Alarm Verification Facility (AVF) selection per point, with automatic counter
- Enable / Disable Range of Points (Detectors/ Modules) or Zones
- Auto-programming and Walk Test reports
- Alarm Delay Facility (ADF)
- Field-programmable on panel with QWERTY keypad
- Non-alarm points for lower priority functions
- Support for compliant smoke control with SCS Series smoke control system
- Polls up to 198 devices on each loop

- Activates up to 99 outputs in less than ten seconds
- Compatible with System Sensor CLIP detectors
- Fire-Lite VeriFire Tools for programming the Fire-Lite SMX+ panel
- Manual sensitivity adjustment
- Password protected and selectable access levels
- Drift compensation
- Automatic detector sensitivity testing
- Maintenance alert (two levels)
- Self-optimizing pre-alarm
- Programmable activation of sounder/relay bases during alarm or pre-alarm
- Read Status displays the level of detector cleanliness

PRODUCT LINE INFORMATION

ITEM	DESCRIPTION
MAIN SYSTEM COMPONENTS	
CPU2-SMX+	Fire-Lite SMX+ central processaing unit including display
DISP-SMX+	Keypad and display; includes 640-character backlit LCD display, QWERTY programming, and control keypad.
NPS-5CHS/NPS-11CHS	24VDC power supply unit for Fire-Lite SMX+
ELCM-320	Loop Control Module. Provides one SLC. Fire-Lite SMX+ supports up to two ELCM-320s and two LEM-320 expanders for a total of four SLCs.
LEM-320	Loop Expander Module. Expands an ELCM-320.
NETWORKING OPTIONS	
SMX+NCA-2	Network Control Annunciator, CPU ONLY. An alternate primary display for CPU2-SMX+ can be provided by the SMX+NCA-2. On network systems, the NCA-2 connects to a standard NCM or HS-NCM. *Note: DISP-SMX+ display needs to be used along with SMX+NCA-2*
NCM-W, NCM-F	Standard Network Communications Modules. Wire and multi-mode fiber versions available.
High Speed NCM - MF/SF/ WMF (-2)/WSF (-2)/ MFSF	Wire, single-mode fiber, multi-mode fiber, and media conversion models are available.
RPT-W, RPT-F, RPT-WF	Standard-network repeater board with wire connection (RPT-W), multi-mode fiber connection (RPT-F), or allowing a change in media type between wire and fiber (RPT-WF). Not used with high-speed networks.
AUXILIARY POWER SUPPLIES AND BATTERIES	
NPS-5CHS	One optional for each Fire-Lite SMX+. Power supply and battery charger with two 24 VDC outputs up to 5A output total. Charges 7 to 50 AH batteries. Auxiliary power for panel or panel equipment.
NPS-11CHS	One optional for each Fire-Lite SMX+. Power supply and battery charger with two 24 VDC outputs up to 11A output total. Charges 7 to 110 AH batteries. Auxiliary power for panel or panel equipment.
AUDIO OPTIONS	
DA2-30/DA2-60/DA2-120	Digital Amplifier. DA2-30 is 30 watts, DA2-60 is 60 watts, DA2-120 is 120 watts, 100 Vrms. Includes audio input and amplified output supervision.
SAM-4	4 way Speaker Line Monitoring and distribution module for use with DA2 series amplifiers
COMPATIBLE DEVICES, EIA-485 PORTS	
ACM-24AT-AUS	Annunciator Control 24 buttons, 48 LEDs
AEM-24AT-AUS	Annunciator Expander 24 buttons,48 LEDs

ACM-48A-AUS	Annunciator Control, 48 LEDs, to suit Fire-Lite SMX+/NCA-2
AEM-48A-AUS	Annunciator Expander, 48 LEDs, to suit Fire-Lite SMX+/NCA-2
ACM-8RA	Eight Programmable Timed Relay Module.
LCD2-80-AUS	LCD Annunciator (80 Character), to suit Fire-Lite SMX+/NCA-2
LDM-E32-AUS	Lamp Driver Module (Expander), 32 LEDs or LDM-R32
LDM-32-AUS	Lamp Driver Module (Control), 32 LEDs or LDM-R32
LDM-R32-AUS	Lamp Driver Relay Kit, 32 Relay board, requires LDM-32
SCS-8A	Smoke Control Annunciator (Control) 8 x switch groups
SCE-8A	Smoke Control Annunciator (Expander) 8 x switch groups
SCS-8L	Smoke Control Lamp Driver Kit 8 x switch groups
SCE-8L	Smoke Control Lamp Driver (Expander) to suit Fire-Lite SMX+
COMPATIBLE INTELLIGENT DEVICES	
BEAM12241	Intelligent beam smoke detector.
BEAM1224S1	Intelligent beam smoke detector with integral sensitivity test.
OSI-RI-SS	Intelligent OSID - Imaging BEAM Smoke Detector
5251B-WP	System Sensor CLIP Type B sealed thermal detector 57°C.
5251RB-WP	System Sensor CLIP Type A sealed thermal detector 57°C with rate-of-rise
2251BAUS	System Sensor CLIP photoelectric detector.
5251BAUS	System Sensor CLIP Type B thermal detector 57°C.
5251RBAUS	System Sensor CLIP Type A thermal detector 57°C with rate-of-rise.
DNR-AUS	InnovairFlex low-flow non-relay duct-detector housing (order photoelectric sensor sold separately).
DNRW	Same as above with NEMA-4 rating, watertight.
2351BAUS	Intelligent Photo-Optical Smoke Detector, System Sensor
2351TBAUS	Intelligent Photo-Optical & Thermal Detector, System Sensor
2351PTIRAUS	Intelligent Photo, Thermal and IR Multi-Criteria Detector, System Sensor
5351BAUS	Intelligent Fixed Temperature Thermal detector, System Sensor
5351HAUS	Intelligent High Temperature Fixed Thermal detector, System Sensor
7351AUS	Intelligent High Sensitity Detector, System Sensor
B501AUS-IV	4" (10.16 cm) universal detector base, off-white.
B501AUS-W	4" (10.16 cm) universal detector base, pure white.
B521IEFT-IV	4" (10.16 cm) universal detector base with in-built short- circuit isolator, off-white.
B501BI-W / IV/ BL	4" (10.16 cm) universal detector base with in-built short- circuit isolator, white. Ivory, Black
AAM/LP/HL	Alarm Acknowledgement Module, HL, w.LED horizontal orientation
AAM/LP/V	Alarm Acknowledgement Module, V, no LED vertical orientation
AAM/LP/VL	Alarm Acknowledgement Module, V, w.LED vertical orientation