SmokeGo

1 Loop Smoke Control Panel

SmokeGo control panels provide complete and active smoke control from the fire system. Designed for standalone, dedicated and non-dedicated Control and Indicating Equipment (CIE), by adding a smoke control user interface and loop interface modules, it is possible to achieve automatic and manual control of smoke control fans and dampers.

The control panel consists of a graphical LCD and tactile keypad providing a simple 'select & click' programming aid for engineer configuration and end user operation. Supplied with a single loop-driver card, 2 onboard sounder circuits, 20 programmable zonal LEDs with slide-in labels, and 25 system LEDs for information purposes, there are also 4 programmable function buttons with LED indication for confirmation of operation.

Fan and damper switch cards can be fitted internally or externally to the panel. Up to 15 fan and damper switch cards can be connected per peripheral bus (P-Bus) and expansion options are available for larger systems.

The panel is compatible with AdvancedLive (UK&I only), which is the fire panel monitoring solution that enables secure, easy, real-time management of an Advanced fire system.

Using the PC-NET-022 configuration software, a unique software matrix makes light work of system setup. Graphical representations of the system and a series of drop-down menus mean programming is quick and intuitive.

An extensive suite of user-friendly Windows-based PC software tools are also available to enhance your experience when using SmokeGo (CIE). Configuration, service and logo tools bring additional flexibility and customisation options.

Simply adding a network card allows the panel to communicate with any other SmokeGo or MxPro 5 fire panel, remote terminal, or network peripheral, BMS or graphical interface. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant loop or radial format.

Approvals

FM APPROVED

- EN 54-2:1997 +A1:2006
- EN 54-4:1997 +A1:2002 +A2:2006

Certified to EN54 Parts 2 & 4 by FM Approvals



Features

- Connectivity to AdvancedLive (UK&I only), Ethernet connection on-board
- 20 programmable zonal / 20 System LEDs
- 5 dedicated Smoke Control LEDs
- Apollo, Axis EN, Hochiki protocol support
- Advanced graphical LCD user interface and support for up to 200 fire zones by default allowing full EN54 compliance without additional hardware
- 500 smoke compartments and 2000 dampers
- Dedicated USB & RS232 Serial Port for direct PC or modem connection
- Installer friendly Auto-learn, Loop Detection and Onboard Scope facility
- Graphical display configurable for virtually any language
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination
- Integral P-Bus for system expansion via available option cards
- Advanced networking, peer-to-peer system, with up to 2000 zones
- Programmable push buttons
- 3-year warranty
- Fully programmable
- Designed to comply with: ISO 21927-9 and BS7346-8 standards.

Specification

Base technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Display	White backlit 240 x 64 graphical LCD
LED Indicators	22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 12 bi-colour (Fault & System)
Controls	Alpha numeric keypad permitting navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x programmable push buttons
Protocol	Apollo (XP95 / Discovery), Axis EN & Hochiki ESP
Number of Fire Zones	2000 (200 per individual panel)
Number of Loops	1
Devices per Loop	Protocol dependent
Loop Current	500mA
On-Board Sounder Circuits	2 x 1 Amp programmable
On-Board Relays	2 x 1 Amp 30v AC/DC programmable(10mA, 5v min) - expandable to 4 using MXP-507
Auxiliary Supply	1 x 24v 500mA
Programmable Input	1 x monitored programmable input on-board
Programmable Key Switch Inputs	1 x volt free input (standard enc.), 8 x inputs (M, L, D enc.)
Total Available Output Current	3A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.0A Max
Charger Current	1A temperature compensated
Ethernet port	10-Base-T, 100-Base-T: AdvancedLive connectivity (UK&I)
Serial Port	1 x on-board RS232 connection for PC, modem, IP, or portable printer
USB Interface	1 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	5000 event & diagnostic + 500 fire
Networking	Optional plug-in network card (MXP-503 - standard, or MXP-509 - fault-tolerant)
Printer (optional)	On-board (M, L, D enclosures only)
Enclosure / Colour	Steel IP30 / RAL7035
Metalwork Options	Flushing bezel, battery box, utility enclosure, termination enclosure and rack mount

Dimensions and Capacity

	Dimensions	Cable Entry	Battery Capacity (internal)	
	H x W x D mm	**(20mm knockouts)**	**Min**	**Max**
Standard	345 x 345 x 85	13 x top, 8 x rear	24v, 4Ah	24v, 7Ah
Large	475 x 450 x 120	19 x top, 11 x rear & 2 x bottom	24v, 4Ah	24v, 18Ah

Order Codes and Options

Enclosure/Protocol	XP95/Discovery	Hochiki ESP	Axis EN
Standard	SC-5101A	SC-5101H	SC-5101V
Large	SC-5101AL	SC-5101HL	SC-5101VL

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SmokeGo

1-2 Loop Smoke Control Panel

SmokeGo control panels provide complete and active smoke control from the fire system. Designed for standalone, dedicated and non-dedicated Control and Indicating Equipment (CIE), by adding a smoke control user interface and loop interface modules, it is possible to achieve automatic and manual control of smoke control fans and dampers.

The control panel consists of a graphical LCD and tactile keypad providing a simple 'select & click' programming aid for engineer configuration and end user operation. Supplied with a single loop-driver card, 2 onboard sounder circuits, 20 programmable zonal LEDs with slide-in labels, and 25 system LEDs for information purposes, there are also 4 programmable function buttons with LED indication for confirmation of operation.

Fan and damper switch cards can be fitted internally or externally to the panel. Up to 15 fan and damper switch cards can be connected per peripheral bus (P-Bus) and expansion options are available for larger systems.

The panel is compatible with AdvancedLive (UK&I only), which is the fire panel monitoring solution that enables secure, easy, real-time management of an Advanced fire system.

Using the PC-NET-022 configuration software, a unique software matrix makes light work of system setup. Graphical representations of the system and a series of drop-down menus mean programming is quick and intuitive.

An extensive suite of user-friendly Windows-based PC software tools are also available to enhance your experience when using SmokeGo CIE. Configuration, service and logo tools bring additional flexibility and customisation options.

Simply adding a network card allows the panel to communicate with any other SmokeGo or MxPro 5 fire panel, remote terminal, or network peripheral, BMS or graphical interface. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant loop or radial format.

Approvals

FM APPROVED

- EN 54-2:1997 +A1:2006
- EN 54-4:1997 +A1:2002 +A2:2006

Certified to EN54 Parts 2 & 4 by FM Approvals



Features

- Connectivity to AdvancedLive (UK&I only), Ethernet connection on-board
- Apollo, Axis EN, & Hochiki protocol support.
- Advanced graphical LCD user interface and support for up to 200 fire zones by default allowing full EN54 compliance without additional hardware.
- 500 smoke compartments and 2000 dampers
- Dual flash-based microprocessor technology with real-time clock onboard.
- Dedicated USB & RS232 serial port for direct PC or modem connection.
- Installer friendly Auto-learn, Loop Detection and Onboard Scope facilities for ease of commissioning and fault finding.
- Graphical display configurable for virtually any language
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination.
- Fully programmable via the onboard alphanumeric keypad, or PC configuration tools.
- Integral ‘P-Bus’ for system expansion via available option cards
- Advanced networking, peer-to-peer system, with up to 2000 zones
- Approved to BS EN54 part 2 and 4
- Designed to comply with: ISO 21927-9 and BS7346-8 standards.

Specification

Base Technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Display	White backlit 240 x 64 graphical LCD
LED Indicators	22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 12 bi-colour (Fault & System)
Controls Protocols	Alpha numeric keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x programmable push buttons
Protocols	Apollo (XP95 / Discovery), Axis EN & Hochiki ESP
Number of Fire Zones	2000 (200 per individual panel)
Number of Loops	Dedicated 1-2 loop control panel
Devices per loop	Protocol dependent
Loop Current	500mA per loop
On-Board Sounder Circuits	2 x 1 Amp programmable
On-Board Relays	2 x 1 Amp 30v AC/DC programmable (10mA, 5v min) - expandable to 4 using MXP-507
Auxiliary Supply	1 x 24v 500mA
Programmable Input	1 x monitored programmable input on-board
Programmable Key Switch Inputs	8 volt free inputs
Total Available Output Current	5A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4A max
Charger Current	2A temperature compensated
Serial ports	1 x On-board RS232 connection for PC, modem, IP, or portable printer
USB Interface	1 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	5000 event & diagnostic + 500 fire
Networking	Optional plug in Network Card (MXP-503 - Standard, or MXP-509 - Fault-Tolerant)
Enclosure / Colour	Steel IP30 / RAL7035
Metalwork Options	Flushing bezel, battery box, utility enclosure, termination enclosure and rack mount

Dimensions and Capacity

	Dimensions	Cable Entry	Battery Capacity (internal)	
	H x W x D mm	**(20mm knockouts)**	**Min**	**Max**
Standard	345 x 430 x 120	13 x top, 8 x rear	24v, 4Ah	24v, 12Ah
Large	475 x 450 x 120	19 x top, 11 x rear, 2 x bottom	24v, 4Ah	24v, 18Ah
Large-Deep	475 x 450 x 190	30 x top, 11 x rear, 3 x bottom	24v, 4Ah	24v, 45Ah*

*If MXP-538 and/or MXP-543 are fitted to the panel, the maximum internal battery capacity is 24v, 24Ah. External battery enclosures are available for up to 24v, 45Ah batteries.

Order Codes and Options

Enclosure/Protocol	XP95/ Discovery	Hochiki ESP	Axis EN
Standard	SC-5201A	SC-5201H	SC-5201V
Large	SC-5201AL	SC-5201HL	SC-5201VL
Large-Deep	SC-5201AD	SC-5201HD	SC-5201VD

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SmokeGo

1-4 Loop Smoke Control Panel

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The control panel consists of a graphical LCD and tactile keypad providing a simple 'select & click' programming aid for engineer configuration and end user operation. Supplied with a single loop-driver card, 2 onboard sounder circuits, 20 programmable zonal LEDs with slide-in labels, and 25 system LEDs for information purposes, there are also 4 programmable function buttons with LED indication for confirmation of operation.

Fan and damper switch cards can be fitted internally or externally to the panel. Up to 15 fan and damper switch cards can be connected per peripheral bus (P-Bus) and expansion options are available for larger systems.

The panel is compatible with AdvancedLive (UK&I only), which is the fire panel monitoring solution that enables secure, easy, real-time management of an Advanced fire system.

Using the PC-NET-022 configuration software, a unique software matrix makes light work of system setup. Graphical representations of the system and a series of drop-down menus mean programming is quick and intuitive.

An extensive suite of user-friendly Windows-based PC software tools are also available to enhance your experience when using SmokeGo CIE. Configuration, service and logo tools bring additional flexibility and customisation options.

Simply adding a network card allows the panel to communicate with any other SmokeGo or MxPro 5 fire panel, remote terminal, or network peripheral, BMS or graphical interface. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant loop or radial format.

Approvals

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- EN 54-2:1997 +A1:2006
- EN 54-4:1997 +A1:2002 +A2:2006

Certified to EN54 Parts 2 & 4 by FM Approvals



- Connectivity to AdvancedLive (UK&I only), Ethernet connection on-board
- 20 programmable Zonal / 20 System LEDs.
- 5 dedicated Smoke Control LEDs
- Apollo, Axis EN and Hochiki protocol support.
- Advanced graphical LCD user interface and support for up to 200 fire zones by default allowing full EN54 compliance without additional hardware.
- 500 smoke compartments and 2000 dampers
- Dedicated USB & RS232 serial port for direct PC or modem connection.
- Installer friendly Auto-learn, Loop Detection and Onboard Scope facility for ease of commissioning and fault finding.
- The graphical display can be configured to operate with virtually any language or character set and allow the installer's logo to be applied using the Logo application software.
- Integral P-Bus for system expansion via available option cards.
- Advanced networking, peer-to-peer system, with up to 2000 zones
- Approved to BS EN54 part 2 and 4.
- Designed to comply with: ISO 21927-9 and BS7346-8 standards.

Specification

Base Technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Display	White backlit 240 x 64 (9.5 inches x 2.5 inches) graphical LCD - 6 lines of 40 characters
LED Indicators	22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 12 bi-colour (Fault & System)
Controls	Alpha numeric keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x Programmable Push Buttons
Protocols	Apollo (XP95 / Discovery), Axis EN & Hochiki ESP
Number of Fire Zones	2000 (200 per individual panel)
Number of Loops	Dedicated 1-4 loop control panel
Devices per loop	Protocol dependent
Loop Current	500mA per loop
On-Board Sounder Circuits	4 x 1 Amp programmable
On-Board Relays	2 x 1 Amp 30v AC/DC programmable (10mA, 5v min) - expandable to 4 using MXP-507
Auxiliary Supply	1 x 24v 500mA
Programmable Input	1 x monitored programmable input on-board
Programmable Key Switch Inputs	8 volt free inputs
Total Available Output Current	5A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4A max
Charger Current	2A temperature compensated
Ethernet Port	10-Base-T, 100-Base-T: AdvancedLive connectivity (UK&I)
Serial ports	1 x on-board RS232 connection for PC, modem, IP or portable printer
USB Interface	1 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	5000 Event & Diagnostic + 500 Fire
Networking	Optional plug in network card (MXP-503 - standard, or MXP-509 - fault-tolerant)
Enclosure / Colour	Steel IP30 / RAL7035
Metalwork Options	Flushing bezel, battery box, utility enclosure, termination enclosure and rack mount

Dimensions and Capacity

	Dimensions	Cable Entry	Battery Capacity (internal)	
	H x W x D mm	**(20mm knockouts)**	**Min**	**Max**
Standard	475 x 450 x 120	19 x top, 11 x top rear, 2 x bottom	24v, 4Ah	24v, 18Ah
Large-Deep	475 x 450 x 190	30 x top, 11 x top rear, 3 x bottom	24v, 4Ah	24v, 45Ah*
Extended	750 x 450 x 190	30 x top, 6 x top rear, 2 x bottom rear & 3 x bottom	24v, 4Ah	24v, 45Ah**

* If MXP-538 and/or MXP-543 are fitted to the panel, the maximum internal battery capacity is 24v, 24Ah. External battery enclosures are available for up to 24v, 45Ah batteries.

**1 x 24V 45Ah internal (max) and 1 x 24V 45Ah external (max) using optional battery enclosure.

Order Codes and Options

Enclosure/Protocol	XP95/ Discovery	Hochiki ESP	Axis EN
Large	SC-5401A	SC-5401H	SC-5401V
Large-Deep	SC-5401AD	SC-5401HD	SC-5401VD
Extended	SC-5401AE	SC-5401HE	SC-5401VE

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SmokeGo

2-8 Loop Smoke Control Panel

SmokeGo control panels provide complete and active smoke control from the fire system. Designed for standalone, dedicated and non-dedicated Control and Indicating Equipment (CIE), by adding a smoke control user interface and loop interface modules, it is possible to achieve automatic and manual control of smoke control fans and dampers.

The control panel consists of a graphical LCD and tactile keypad providing a simple 'select & click' programming aid for engineer configuration and end user operation. Supplied with a single loop-driver card, 2 onboard sounder circuits, 20 programmable zonal LEDs with slide-in labels, and 25 system LEDs for information purposes, there are also 4 programmable function buttons with LED indication for confirmation of operation.

Fan and damper switch cards can be fitted internally or externally to the panel. Up to 15 fan and damper switch cards can be connected per peripheral bus (P-Bus) and expansion options are available for larger systems.

The panel is compatible with AdvancedLive (UK&I only), which is the fire panel monitoring solution that enables secure, easy, real-time management of an Advanced fire system.

Using the PC-NET-022 configuration software, a unique software matrix makes light work of system setup. Graphical representations of the system and a series of drop-down menus mean programming is quick and intuitive.

An extensive suite of user-friendly Windows-based PC software tools are also available to enhance your experience when using SmokeGo CIE. Configuration, service and logo tools bring additional flexibility and customisation options.

Simply adding a network card allows the panel to communicate with any other SmokeGo or MxPro 5 fire panel, remote terminal, or network peripheral, BMS or graphical interface. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant loop or radial format.



Approvals

- EN 54-2:1997 +A1:2006
- EN 54-4:1997 +A1:2002 +A2:2006

Certified to EN54 Parts 2 & 4 by FM Approvals

Features

- Connectivity to AdvancedLive (UK&I only), Ethernet connection on-board
- Fully expandable from 2 - 8 loops via plug-in loop driver boards.
- 20 programmable Zonal / 20 System LEDs with slide-in labels.
- 5 dedicated Smoke Control LEDs
- Dedicated loop driver for Apollo, Hochiki or Axis EN protocol support.
- Advanced graphical LCD user interface and support for up to 200 fire zones by default allowing full EN54 compliance without additional hardware.
- 500 smoke compartments and 2000 dampers
- Dual flash-based microprocessor technology with real-time clock onboard.
- Dedicated USB & RS232 serial port for direct PC or modem connection.
- Installer friendly Auto-learn, Loop Detection and Onboard Scope facility for ease of commissioning and fault finding.
- Fully programmable via the onboard alphanumeric keypad, or PC configuration tools.
- The graphical display can be configured to operate with virtually any language or characterset and allow the installer's logo to be applied using the Logo application software.
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination.
- Integral P-Bus for system expansion via available option cards.
- Advanced networking, peer-to-peer system, with up to 2000 zones
- Designed to comply with: ISO 21927-9 and BS7346-8 standards.

Specification

Base Technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Display	White backlit 240 x 64 graphical LCD
LED Indicators	22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 7 bi-colour (Fault & System)
Controls	Alpha numeric keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x Programmable Push ButtonsActual 2
Protocols	Apollo (XP95 / Discovery), Hochiki ESP & Axis EN
Number of Fire Zones	2000 when networked (400 max across 8 loops)
Number of loops	Dedicated 2-8 loop control panel
Devices per loop	Protocol dependent
Loop Current	500mA max per loop
On-Board Sounder Circuits	8 x 1 Amp programmable
On-Board Relays	4 x 1 Amp 30v AC/DC programmable (10mA, 5v min) - expandable to 8 using 2 x Mxp-507
Auxiliary Supply	2 x 24v 500mA 2
Programmable Input	2 x On-board Programmable Input
Programmable Key Switch Inputs	16 volt free digital inputs
Total Available Output Current	2 x 5A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4A max
Charger Current	2 x 2.0A temperature compensated
Ethernet port	10-Base-T, 100-Base-T: AdvancedLive connectivity (UK&I)
Serial ports	2 x on-board RS232 connection for PC, modem, IP or portable printer
USB Interface	2 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	2 x 5000 Event & Diagnostic + 500 Fire
Printer (Optional)	On-board
Enclosure / Colour	Steel IP30 / RAL7035
Metalwork Options	Flushing bezel, battery box, utility enclosure, termination enclosure and rack mount

Dimensions and Capacity

	Dimensions	Cable Entry	Battery Capacity (internal)	
	H x W x D mm	**(20mm knockouts)**	**Min**	**Max**
Standard	750 x 450 x 190	30 x top, 6 x top rear, 2 x bottom rear & 3 x bottom	24v, 4Ah	24v, 45Ah*

*1 x 24V 45Ah internal (max) and 1 x 24V 45Ah external (max) using optional battery enclosure

Order Codes and Options

Network/Protocol	XP95/ Discovery	Hochiki ESP	Axis EN
Standard Network	SC-5802A	SC-5802H	SC-5802V
Fault-Tolerant Network	SC-5802A/FT	SC-5802H/FT	SC-5802V/FT

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SmokeGo

Fan/Damper Control Module

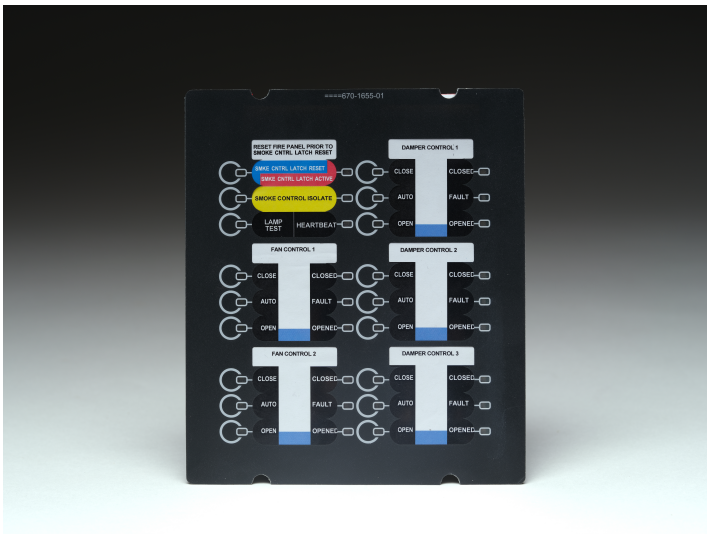
Providing superior flexibility and customization, the Fan and Damper Control Module (MXP-543) provides three position (ON/OFF/AUTO) smoke control and annunciation of any fan, damper or combination fan/damper, controlled by an SmokeGo Control and Indicating equipment (CIE). Each fan/damper control module can accommodate six (6) fan, damper or combination fan/damper control areas. Control area buttons include Run–Auto Stop (Close–Auto–Open) with white position status LEDs. Control areas also include three status LEDs (red, yellow and green) for the indication of the fan, damper or combination fan/damper Running–Trouble–Stopped (Closed–Trouble–Opened) status.

Besides offering control areas for fans, dampers and combination fans/dampers, a control area can also be configured as a master smoke control area. A master smoke control area provides three control buttons with activation white LEDs and three (red, yellow and green) status LEDs. Master smoke control buttons include, a HVAC reset button (i.e. firefighter fan/damper restart) for the reset of CIE controlled HVAC latched relays, a HVAC fire alarm control bypass button and a lamp test button. The three status LEDs include, a red HVAC latched relays require reset LED, a yellow HVAC fire alarm control bypass active LED and green smoke control operation heartbeat LED.

The MXP-543 is easily configurable using PC-NET-022 field configuration tool which works in a Windows environment. The level of annunciation and operation is totally controlled by the system programming and the installation requirements.

Up to 16x MXP-543 modules can be connected to an SmokeGo CIE, Local Operating Console or Peripheral Expansion Network Node Module. The loop fan and damper control and status modules can either be connected to the fire alarm panel with associated smoke control or connected to other fire alarm panel loop circuits located throughout an Advanced peer-to-peer network. In addition to the loop devices being distributed around the network, additional duplicate smoke control locations can be configured within a network, with one being in control at a single time.

The MXP-543 fan/damper control module can be mounted in any single aperture location of an SmokeGo enclosure. Located on each MXP-543 module are two slide-in label areas, these label areas are for the labeling of installation specific control areas.



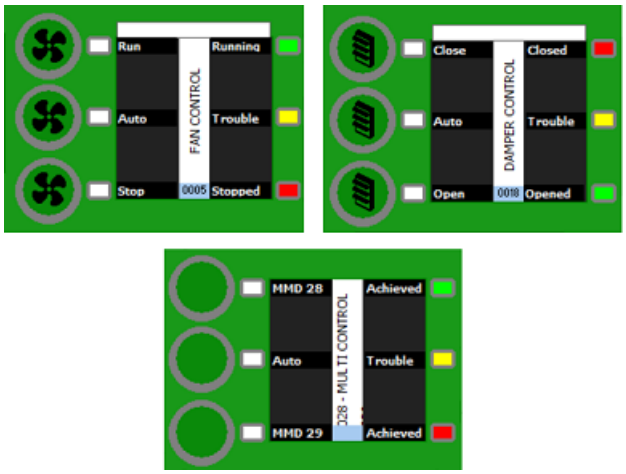
Features

- Listed for Dedicated & Non Dedicated Smoke Control
- Freely Programmable ON/OFF/AUTO Control
- Includes Six (6) Fan/Damper Control Areas
- Optional Programmable Master Smoke Control Area
- Communicates via Advanced PBUS
- Includes 18 Switches and 36 LEDs
- Easy Slide-In Label Locations
- Supervised Monitoring Fault Input
- Configurable On-Board Piezo (Buzzer)
- Multi-Module Daisy Chain Connections for Ease of Installation

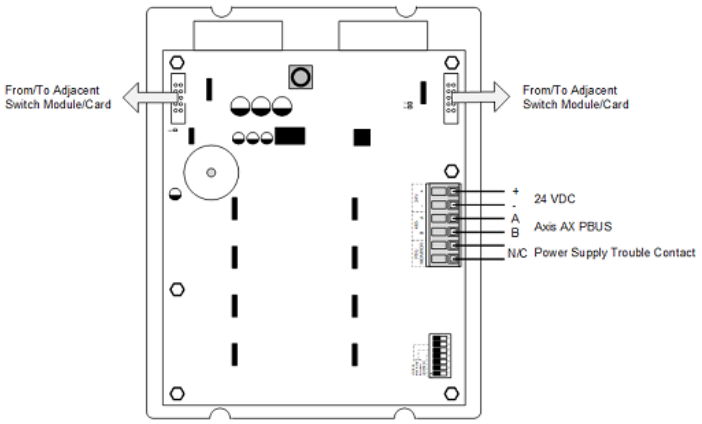
Listings and Approvals

- Certified to EN54 parts 2 and 4
- Designed to comply with ISO 21927-9 and BS7346-8

Control Buttons & Status LEDs



Wiring Diagram



Specification

Input Voltage (DC)	18-28 VDC (wired from FACP 24VDC or Fire alarm listed power supply)
Operating Current	60mA max. Typical all outputs OFF: 14mA Typical all outputs ON: 55mA
Inputs	18 Buttons (3 per Fan/Damper Control)
Outputs	36 LEDs (6 per Fan/Damper Control) Programmable on-board buzzer (piezo)
Piezo (Buzzer)	Field Configurable: Pulse (half second), Pulse (one second) or Steady
External Monitoring Input	Supervised Closed Contact
Operating Temperature	0^0C - 48^0C (32^0F - 120^0F)
Humidity	10 - 95% RH (Non-Condensing)
Dimensions (HxWxD)	167 x 145 x 30mm (6.6 x 5.7 x 1.2 inches)
Weight	312g (11 oz)
Daisy Chain Serial Headers	10-Way IDC Ribbon Connector for Multi-Module Interconnect

Ordering Information

MXP-543	Fan/Damper Control Module

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SmokeGo

Switch Module

The MXP-538 Switch Module is an expansion peripheral that offers 16 inputs that can be configured via the PC-NET-022.

This additional PCB provides a cost effective solution to providing 16 individually programmable push buttons for controlling fire alarm equipment.

Up to 16 cards can be connected to SmokeGo Control and Indicating (CIE) equipment providing a maximum of 256 push buttons and 768 LED outputs.

Each LED output can be individually assigned to an output group to provide full support for dynamic zoning and to indicate when the buttons have been activated.

Applications

Ideal for any application where a number of programmable push button switches are required for evacuation and plant control.



- 16 configurable push buttons
- 48 Programmable LEDs, 3 x LEDs per push button (red, green & yellow)
- Configurable buzzer
- Fast input response
- Up to 16 switch plates for each control panel

Specification

Power supply	18-28V DC (e.g. wired from Panel 24V auxiliary supply)
Supply current	60mA maximum
Temperature	0°C to 49°C indoor dry
Humidity	10-95% humidity (non-condensing)
Dimensions H x W x D mm	168 x 144 x 31
Inputs	16 x push buttons, 1 x PSU monitor
Outputs	48 x LED indicators, 1 x buzzer
Fault Input	Volt free

Order Codes and Options

MXP-538	Switch Module. LED indicators arranged in groups of 3 (Green, Red and Yellow)

Compatibility

Compatible with all SmokeGo CIEs.

Requires PC Config Tool version PC-NET-022 V12xx or later.

Units must be mounted locally to their power supply. Up to 16x 16-way Switch & 48 LED Card interfaces can be connected to the peripheral bus.

Limitations

Each switch/push button can be configured using multiple input actions from the PC-NET-022 configuration Tool software. Each LED output can be assigned to an individual output group and is fully programmable for any output function.

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.