L@TITUDE 2-16 LOOP

Analogue Addressable Control Panel

Features

- Compliant with EN54-2, EN54-4, EN54-13
- 2 to 8 loop or 2 to 16 loop versions
- 500mA loop current
- 4 programmable sounder circuits each rated at 2.5 A
- 5.25 A or 10.25 A, power supply options
- 3 programmable inputs
- 5 programmable relay outputs
- Hard wired fire and fault routing inputs and outputs
- Up to 512 programme Input/ Output via optional plug in and serially connected expansion cards
- Modular electronics

- Over 4000 sub address points per panel
- Option to "invert" inputs and outputs
- Powerful, standard configuration templates
- Network up to 127 panels
- Configurable via USB port to PC or memory stick
- 2 ancillary serial ports.

Product appearance varies depending on model selected

Description

The all new L@titude product range of fire alarm control equipment combines the very latest hardware and software to produce a control and indication system, which is powerful and sophisticated, yet simple to use and understand.

The flexibility of the L@titude platform is such that it can be re-configured to realise many other control and indication applications, with direct integration into intelligent buildings.

Moving away from the simple, price driven competitive model used by most manufacturers today, the L@titude concept is designed to add value to System Designers, Integrators, Service Providers and the end users.

Developed from the "ground up" by Hochiki's leading design team and using some of the most advanced technology available, L@titude is designed as one of the most powerful, intelligent and technically robust fire alarm products available.

Not only do the products and services offered under the L@titude brand provide solutions to the most technically challenging applications in life safety L@titude will deliver added value, market advantage and a competitive edge to your business.

The modular nature of the L@titude system allows all field wiring to be connected to a passive mother board enabling addition, re-configuration or replacement of all electronic hardware without the need to disconnect any field wiring.

This modularity also allows each panel to be customised with addressable loop detection circuits, conventional detection circuits, relay cards, additional sounder outputs or programmable I/O modules as required.

Specification

Size	Deep Enclosure - 540mm (W) x 720mm (H) x 212mm (D)
Construction	1.5mm mild sheet steel
Cable entry	50 knockouts top, 26 knockouts back, 1 knockout each side
Battery Capacity	45 Ah -Deep Enclosure
Finish	Epoxy powder coated
Colour - Lid & Box	BS 00 A 05 fine texture
Power supply voltage	230 VAC or 115 VAC
Power supply rating at 24V DC	5.25 A (charges up to 26 Ah) or 10.25 A (charges up to 45 Ah)
Weight (kg)	20
Approvals	EN54-2, EN54-4, EN54-13

Specification

Display	Full colour 800 x 480 LCD with resistive touch screen and automatic backlight dimming
Printer	40 column, front loading thermal (optional)
Zone LED indicators	Up to 3 banks of 48 (144) (optional)
Software zones	2000
Software groups	5000
Event log	10,000 events, 1 second resolution. Filterable and printable
Detection loops	2 to 16 added 2 at a time (K758 dual loop cards)
Detection loop current	500 milliamps each
Sounder circuits	4 each rated at 2.5A, 24 VDC, programmable
Auxiliary 24V supply 1	24 V dc fused at 500 milliamps
Auxiliary 24V supply 2	24 V dc fused at 500 milliamps
Default relays	Fault, Fire, Alarm, Programmable 1 and Programmable 2 (all reprogrammable)
Programmable inputs	3, activated by volt free contacts
Auxiliary Serial port A	RS232 programmable
Auxiliary Serial port B	RS232 programmable
Ancillary I/O board serial port	RS485 programmable
Fire Routing (Ifam) serial port	RS485 programmable
USB host port	USB type A
USB device port	USB type B
Fire routing output	Monitored
Fire routing input	Monitored
Fault routing output	Monitored
Fault routing input	Monitored
Extinguisher output	Monitored
Extinguisher input	Monitored
Extinguisher fault input	Monitored

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