LuxIntelligent Panel with EasySafe - obsolete

The LuxIntelligent addressable emergency lighting control system is designed provide a simple yet powerful, reliable and cost effective maintenance solution for testing your emergency lights and maintaining results data for inspection and audit purposes.

The provision for emergency lighting is a requirement for non-domestic buildings and is embodied in British and European legislation. Employers, building owners and occupiers have a legal responsibility to test and maintain their emergency systems to the standards required by the Code of Practice for Emergency Lighting of Premises BS 5266-1 and also EN50172, Emergency Escape Lighting Systems.

It supports both maintained, non-maintained and slave luminaires in either self-contained, central battery or static inverter systems. It supports all of the LuxIntelligent range of fittings. On top of this, LuxIntelligent modules can be added to almost any luminaires to allow them to fully function on the LuxIntelligent system.

The control panel has a dynamic event log of 1000 events as well as a separate log for recording of test results. Records of all automatic (and manual) tests are generated and can be downloaded by connecting to a computer and using the appropriate LuxIntelligent Logger tool. The data is then transferred to a database on a PC for subsequent analysis listing and printing. Once the data is there, there is also the opportunity of transferring this information up to the LuxIntelligent cloud using the LuxIntelligent sync tool. Through the LuxIntelligent app it becomes very easy to share and use this information.



Features

- Each panel can support 996 luminaires
- Advanced graphical LCD user interface
- Loop powered communications
- Dedicated RS232 port supporting various modes of access
- 5 Amp power supply and charger to EN54-4
- Fit and forget panel, using your 'My LuxIntelligent' account to manage your emergency lighting
- 32 characters for zone text and 26 for each luminaire
- Networks can contain up to 200 panels
- 400 individual tests can be spread across up to 50 test groups
- Up to 200 zones available across each panel
- 1000 event and diagnostic log
- 24/7 monitoring, including cloud service and mobile app

Specification

	Lx-9400	Lx-9800
Display	Backlit 260 by 64 graphical LCD	Backlit 260 by 64 graphical LCD
Controls	Alpha-numeric keypad, navigation keys, mute and reset	Alpha-numeric keypad, navigation keys, mute and reset
Enclosure/colour	Steel IP30/RAL 7035	Steel IP30/RAL 7035
Dimensions (H*W*D) mm	385 * 450 * 125	950 * 450 * 188
Weight	8.6kg	25kg
Temperature	-5°C to 40°C	-5°C to 40°C
Humidity	95% max	95% Max

Cable entries (20mm knockouts)	18 top, 9 top rear, 2 bottom	18 Top, 9 Top Rear, 2 Bottom
Mains supply	220-240V, +10%, -15%, 47-63 Hz AC, 1A (Max)	220-240V, +10%, -15%, 47-63 Hz AC, 1A (Max)
Battery capacity	24V 4Ah (Min), 24V 12Ah (Max) Internal	4 x 12V 4Ah (Min), 4 x 12V 38Ah (Max) Internal
Charging current	2.4A, temperature compensated	2.4A, temperature compensated (*2)
Power supply	Separate 24Vdc, 5A universal input, switched mode	Separate 24Vdc, 5A universal input, switched mode (*2)
Number of loops	1 to 4	2 to 8
Devices per loop (total)	249 (up to 50 EasySafe luminaires per loop)	249 (Up to 50 EasySafe luminaires per loop)
Protocols	PuLsE	PuLsE
Auxiliary supply output[1]	$24V_{dc}$, 500mA	$24V_{dc}$, 500mA (*2)
Loop current	500mA	500mA
Event log	1000 event & diagnostic	1000 event & diagnostic
Number of Zones	200 maximum, across 4 loops (1000 when networked)	200 max. across 4 loops (1000 when networked)
Number of test groups	50	50 per panel, 100 across enclosure
Number of scheduled tests	400	400 per panel, 800 across enclosure
On-board relays	2 * 1A 30V AC/DC (fault)	4 * 1A 30V AC/DC (Fault)
Serial port	1 * RS232 on board for PC/modem/printer	2 * RS232 on board for PC/modem/printer
Integral modem (optional)	For connection to logging PC	For connection to logging PC

Order Codes and Options

Lx-9401:	LuxIntelligent Lx-9400 panel with single loop driver fitted
Lx-9402:	LuxIntelligent Lx-9400 panel with two loop drivers fitted
Lx-9403:	LuxIntelligent Lx-9400 panel with three loop drivers fitted
Lx-9404:	LuxIntelligent Lx-9400 panel with four loop drivers fitted
Lx-9805:	LuxIntelligent Lx-9800 panel with five loop drivers fitted

Easy*SAFE

EasySafe Luminaires

The LuxIntelligent panel works not only with full range of LuxIntelligent luminaires, but also can support the EasySafe range of loop-powered luminaires. Because the EasySafe range of luminaires (downlighters and exit signs) are powered by the loop, there are limitations in the quantities of such luminaires that can be supported on a loop. This is up to fifty. However, if less are used, there is the possibility mixing more conventional luminaires with the EasySafe style is possible.

As the EasySafe luminaires are loop powered, the panel will be dependant on the use of peripherals such as the Lxp-110 I/O device to sense local distribution board failures and isolations and force the EasySafe luminaires into emergency mode.

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