LuxIntelligent Automatic Emergency Lighting Testing Panel - obsolete

The LuxIntelligent addressable emergency lighting control system is designed to 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.

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 Advanced 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 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.

The LuxIntelligent addressable emergency lighting control system can work with a huge range of luminaires, from pre-installed retrofit options and ICEL 1004 conversions to self-contained standalone LED luminaires and Dynamic Safety Sign Systems.



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
Display	Backlit 260 by 64 graphical LCD
Controls	Alpha-numeric keypad, navigation keys, mute and reset
Enclosure/colour	Steel IP30/RAL 7035
Dimensions (H*W*D) mm	385 * 450 * 125
Weight	8.6kg
Temperature	-5°C to 40°C
Humidity	95% Max
Cable entries (20mm knockouts)	18 top, 9 top rear, 2 bottom

Mains supply	220-240V, +10%, -15%, 47-63 Hz AC, 1A (Max)
Battery capacity	24V 4Ah (Min), 24V 12Ah (Max) internal
Charging current	2.4A, temperature compensated
Power supply	Separate 24Vdc, 5A universal input, switched mode
Number of loops	1 to 4
Devices per loop (total)	249
Protocols	PuLsE
Auxiliary supply output[1]	$24V_{dc}$, 500mA
Loop current	500mA
Event log	1000 event & diagnostic
Number of zones	200 maximum, across 4 loops (1000 when networked)
Number of test groups	50
Number of scheduled tests	400
On-board relays	2 * 1A 30V AC/DC (fault)
Serial port	1 * RS232 on board for PC/modem/printer
Integral modem (optional)	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

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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.