

Lockdown Notification System



LD-WL8-OUT-FS

Wireless Lockdown Single Output Module - Fail Safe

Features

- ▶ Radio Equipment Directive (RED) compliant
- ▶ 24 VDC switched voltage output
- ▶ Fail safe operation for fault signalling
- ▶ Bi-directional wireless communication
- ▶ Up to 10 years battery life**
- ▶ Self-optimising wireless amplitude and frequency
- ▶ Includes a fault monitoring input
- ▶ Optional Relay Module available

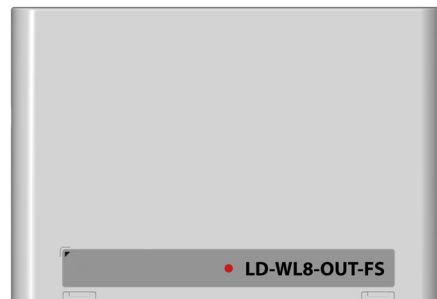
Description

The LD-WL8-OUT-FS is a wireless single channel Output Module for use as part of a Kentec Wireless Lockdown System.

Compatible with the LD-WL8-TRH Lockdown Translator and LD-WL8-EXP Lockdown Expander modules the LD-WL8-OUT-FS provides a switched voltage output to drive an Auxiliary relay.

The LD-WL8-OUT-FS is used to provide a fault output on the wireless lockdown system and is allocated a pre-configured address on the translator (Address 7). The LD-WL8-OUT-FS will activate on any fault condition on the lockdown system such as tamper, low voltage and communication faults. It has been configured to automatically activate if it loses communication due to a failure of the Lockdown Translator, providing fail safe functionality.

It is recommended to use the LD-WL8-OUT-FS in conjunction with the Identifire Auxiliary Relay Unit. The Auxiliary Relay Unit provides a Volt Free Changeover output rated 5 A @ 30 VDC or 8 A @ 230 VAC. This output can then be used to indicate the fault status of the lockdown system to other monitoring equipment.



The LD-WL8-OUT-FS is monitored for communication, tamper and low battery voltage fault states and will activate its output and subsequently the Auxilliary Relay in a fault condition.

An LED status indicator is provided on the Output Module, in default setting this LED will be off in Standby mode and will only indicate when the output is active by flashing red. The LED can be configured to flash green to indicate Standby mode and yellow to indicate a fault state if required, however this will reduce the battery life.

Where additional space is required for installation of cables etc. back-box KM-BBOX-01 is available.

Ordering codes

Part no.	Description
LD-WL8-OUT-FS	Wireless Lockdown Single Output Module - Fail Safe
10-2710WSR-S	Identifire Auxiliary Relay
KM-BBOX-01	Back box for K-Mesh Translator, Expander and Output Modules (complete with 2 x 20mm glands)



Specifications		
Operating frequency range	866 - 869.85 MHz	
Communication range (in open air)	1200 m	
Modulation type	GFSK	
Operating frequency channels	6	
Max. radiated power	≤ 25 mW	
Time period between wireless signal transmissions	2 minutes	
Operating temperature range	- 10 °C to + 55 °C	
Switched voltage rating*	30 VDC @ 1 A / 250 VAC @ 8 A	
Max. tolerated humidity	93% RH (non condensing)	
Dimensions (mm)	H 145 x W 210 x D 40 without back box (Depth increases to 90mm with back box)	
Weight (g)	350	
Power supply (Dual 3V lithium batteries)	1 x Primary cell (CR123A)	1 x Secondary cell (CR123A)
	1.2 Ahr	1.2 Ahr
	8 - 10 years primary battery life**	6 months secondary battery life

* Supply voltage dependent

** Dependent on operational usage

Recommended Output Module configuration

