

Installation & Wiring Instructions

OAT LED STR - Recessed Exit Sign

For use with Reacta-Link Wireless System



PLEASE READ THESE INSTRUCTIONS BEFORE COMMENCING INSTALLATION & LEAVE WITH END USER

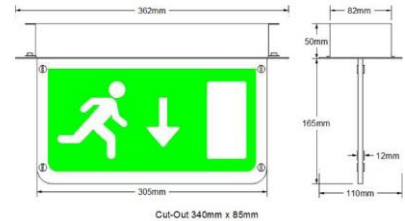
Description:

A modern Recess Mounting LED Exit Sign, designed to operate with Dextra Group's Reacta-Link wireless system.

This exit sign is suitable for both maintained and non-maintained applications. It is supplied with a heavy duty polished legend blade and a set of interchangeable legend panels offering an impressive 27m viewing distance. The units are supplied in white (RAL9016).

The product will test itself in accordance with the requirements of the British Standards, reporting any faults via a bi-colour charge LED and the Reacta-Link System.

This unit will recharge the batteries after the test clause of 22.3 of BS EN 61347-2-7:2012.



Product codes

OAT LED STR

Maintained 3 hour

Specification:

Input Voltage	230-240 Volts AC 50/60 Hz
Power Rating Maintained	9.3W 64mA - $\lambda = 0.62$
Power Rating Non-Maintained	4.7W 23mA $\lambda = 0.86$
Ambient Temp.	0°C to + 35°C
Max Case Temperature	50°C
Max Battery Temperature	55°C
Mains Input Terminal	0.5mm - 2.5mm
Battery Fuse	Internal to Control Gear
Battery Discharge Current	1000mA
Discharge Voltage Cut Off	9.0V
Ingress Protection	IP20
Battery Pack	9.6V 1.5Ah LiFePO ₄
Charge Current	1-150mA Float
Recharge Period	24 Hours
Width and Length	362mm 110mm
Depth from Ceiling	165mm
Side Cable Entry	20mm Knock Outs L&R
Rear Cable Entry	20mm Knock Out Centre
Overall Weight (maintained)	1.8Kg

Important

It is recommended that this product is installed by a competent person ensuring the installation complies with the necessary standards. Dextra Group accept no responsibility for injury, damage or loss, which may arise as a result of incorrect installation, operation or maintenance.

The product requires an un-switched supply for charging the battery and a switched supply for maintained operation.

ISOLATE MAINS SUPPLIES AND DISCONNECT THE BATTERY BEFORE INSTALLATION OR MAINTENANCE.

Installation:

1. Remove the two side screws and remove metal cover.
2. Bring your cables into the back box gear tray and fix the back box in its desired location.
3. Connect your mains, permanent supply, switched supply, neutral and earth to the fused terminal block which is clearly labelled.
5. For non-maintained operation, do not connect to the switched live terminal.
6. Connect the battery.
7. Place the legend panel through the slot of the metal cover.
8. Refit the cover back into position ensuring no cables are trapped.
9. Fit the screws back into each side of the cover.
10. Fit the desired legend vinyls to the legend panel and fit the four fixing bolts in each corner.

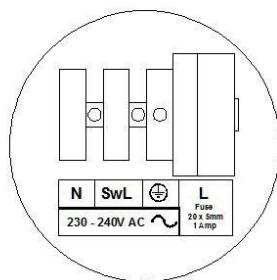
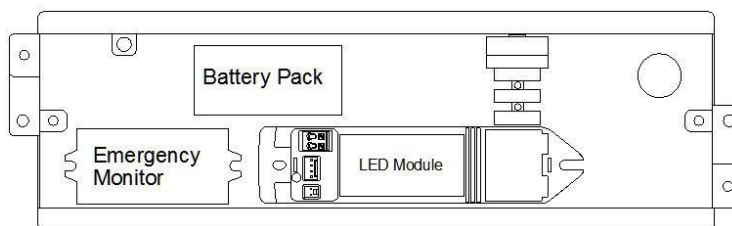
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EXI LED STR - Wall Mount Exit Sign

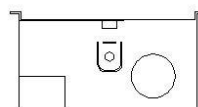
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Typical Wiring
Diagram



A = 20mm Cable Entry
1 in Base 1 in Side



Side View

Testing/Commissioning:

- Ensure the power is connected.
- Connect the battery.
- Switch on the Un-switched Supply - Check the Charge LED illuminates.
- Switch off the Un-switched Supply - Check the Charge LED extinguishes and the load LED illuminates.
- Enter the commissioning date on the Battery Pack.
- Switch on the Un-Switched Supply
- Ensure that the RF Node is commissioned onto the system by a Reacta-Link qualified engineer.

Luminaire Ref/Location			In case of difficulty, contact the Installation Engineers:-							
			Tel: _____							
Full Recharge Time 24 Hours			Duration 3 Hours				Lamp Type - LED			
ROUTINE TEST RECORD										
	Year 1		Year 2		Year 3		Year 4		Year 5	
Monthly Test	Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
Functional										
Functional										
Functional										
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Functional										
Three Hour										