Product Contents

ITEM 1

Battery Iso Jumper - The jumper must be installed to activate the backup battery

ITEM 2

Spare gland for the remote output

ITEM 3

12V jumper - The 12V jumper enables 12V 300mA output on the remote output

ITEM 4

Enclosure Gasket and screws kit

TRITON CONTROLS LTD

LR30 & LR36 Quick Start Guide

Warnings

Do not work on hazardous live circuity, Isolate mains circuit prior to fitting

Do not open the unit while powered from hazardous live voltages

Only allow a competent person to install this product

This product contains a Lithium Ion battery. If there are any signs of damage to the battery, please remove and replace the battery from the unit.

The product should be regularly tested to ensure correct operation.
Triton Controls LTD recommend 6-12 months

It is recommended that the battery and gap pad are replaced every 5 years for the product to maintain specification.

Features

	LR30	LR36
110-250Vac	●	
12-24Vac/dc		●
Visual Alarm	●	●
Audio Alarm	●	●
Power Alarm	●	●
Backup Battery	●	●
Remote Output	●	●

Contact Us

☎ (+44) 1388 833000

✉ info@tritoncontrols.co.uk

📍 Triton Controls LTD.
Randolph Industrial Estate
Evenwood
Bishop Auckland
DL14 9SJ

🌐 www.tritoncontrols.co.uk

Front Panel Diagram

Power indicator
Constant blue signals external power source. Flashing red signals loss of power and the using is running off the backup battery. No light signals the unit is inactive.

Test button
Tests the alarm function

External power cable gland

Optional Gland for remote output cabling

Alarm indicator
Inactive when the alarm is not triggered. Once the alarm is triggered this indicator will flash red.
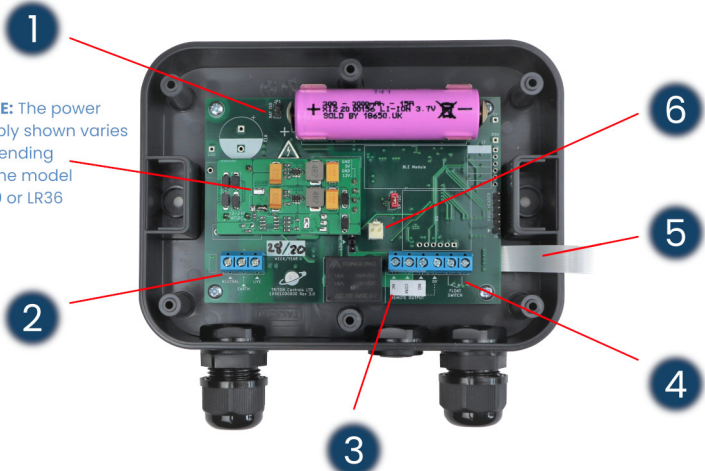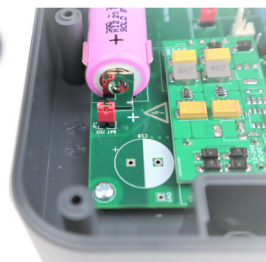
Audio alarm buzzer

Audio mute button
The audio mute button only mutes the alarm buzzer and does not affect the alarm indicator or remote output

Alarm activation cable gland

TRITON
CONTROLS LTD
LEVEL ALARM   PN:
CE   SN:

Internal Diagram

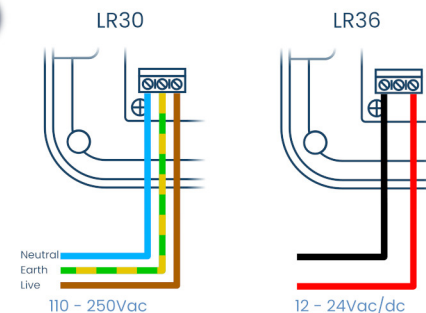**NOTE:** The power supply shown varies depending on the model LR30 or LR36

Items: 1, 2, 3, 4, 5, 6

1

Fit ITEM 1 to location JP1 to enable the backup battery power
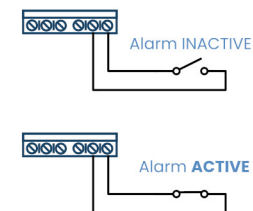
DO NOT CONNECT UNLESS THE FRONT FACIA IS CONNECTED

2

LR30
Neutral
Earth
Live
110 – 250Vac

LR36
12 – 24Vac/dc

3 Remote Output

12Vdc ----------------- 0V

Optional Jumper (ITEM 3) to enable 12V 300mA output

4 Alarm Input
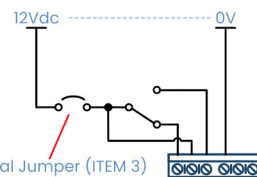
Alarm INACTIVE

Alarm **ACTIVE**

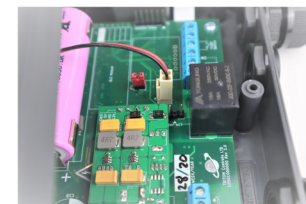### 5 Front Facia Cable

60V VW-1
80C 60V VW-1

Fit the cable and ensure the blue mark is facing away from the board and is parallel to the connector J1

DO NOT HAVE POWER APPLIED TO THE UNIT WHILE FITTING

DO NOT HAVE THE BACKUP BATTERY ACTIVE WHILE FITTING

6 Audio Alarm Buzzer Connector

Fit the cable of the buzzer to J4

TRITON
CONTROLS LTD