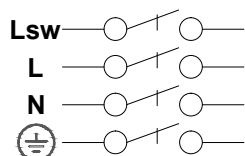
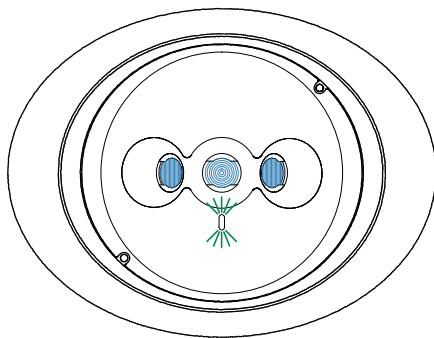
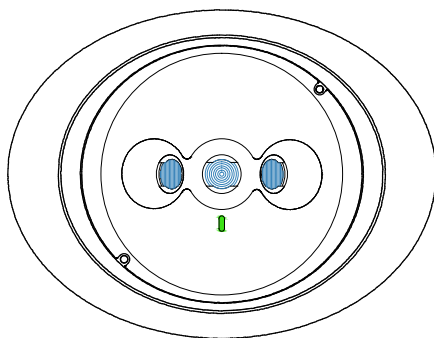


7 Test Emergency Supply

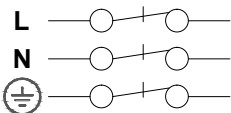


7. To test, briefly fail the supply to illuminate sign from the internal battery. The indicator LED will be extinguished.

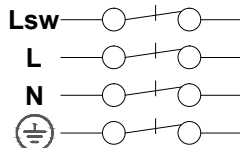
8 Reconnect Mains Supply



Non Maintained



Maintained



If fitted see product specification

8. Reconnect the unswitched supply to restart battery charging, indicated by the flashing green indicator LED. Reconnection of the Switched Live will re-illuminate the LEDs from the mains supply if connected for maintained operation.

Operating Instructions - Surface Mounted Quatrum Range

General Description

The Quatrum Range are fully automatic self testing emergency lighting luminaires and does not require a key switch testing facility.

1. Luminaires should only be installed by suitably qualified personnel
2. Installation should be carried out in accordance with the requirements of BS7671 and BS5266 Pts 1, 7 and 8.
3. Before installing, connecting or servicing these luminaires, isolate the mains supply to which they are to be connected.

Technical Specification

Supply Voltage	230V +10% -10%, 50/60Hz
Mode of Operation	Non Maintained or Maintained
Weight	MONOS-3-M - 1kg TRIS-3-M - 2.3kg QUADS-3-M - 2.3kg
Duration	3 hours
Recharge period	24 hours for full duration (14 hours for 1 hour)
Light sources	High Efficiency white LEDs
Battery	2.8V 1200mAh High Temperature NiMH
Ambient temperature	+5°C to +25°C
Degree of Protection	IP20
Conformity	BSEN 60.598-2-22

Testing regime

Luminaires incorporate fully automatic self testing and will regularly test for correct lamp (LEDs) functioning and for battery functioning in accordance with a predefined test programme that exceeds the requirements of BSEN50172 / BS5266 Pt.8: 2004.

See separate FASTEL test regime description.

Remote control and monitoring (SRM units only)

All SRM version luminaires incorporate remote control and monitoring capability. Luminaires may be connected via collector boxes and interface boxes either to a local computer or to a LAN or internet connection and remotely controlled and monitored. All SRM luminaires are assigned individual addresses before leaving the factory and should be installed in accordance with the installation plans. Details of the remote control and monitoring operation may be found in a separate sheet.

P4 Limited

1 Wymans Way, Fakenham, Norfolk NR21 8NT

T: 01328-850555

F: 01328-850559

E: info@p4fastel.co.uk

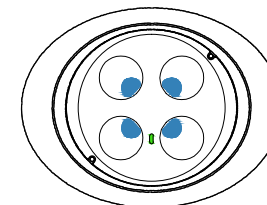
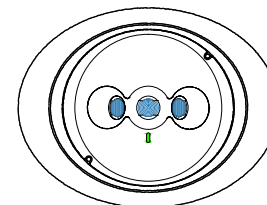
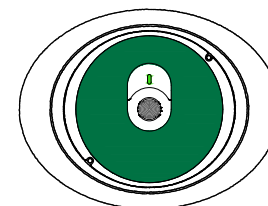
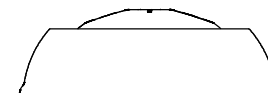
www.p4fastel.co.uk

© 2013 copyright all rights reserved

Details correct at time of publication P4 reserve the right to change specification at any time.



Leading the way in self testing emergency lighting



Installation and Operating Instructions for Surface Mounted Quatrum Range



660-030 Issue 1. April 2014

Drawn By T. Skevington - Approved By R. Warner

1 Removing Mounting Plate

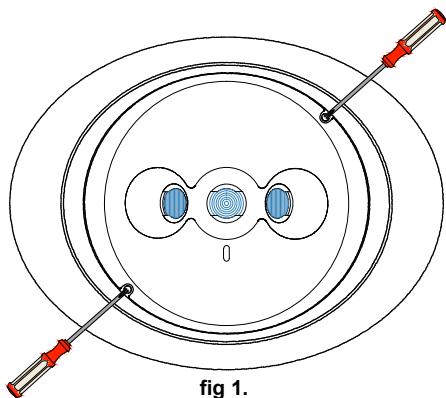


fig 1.

1. Remove the Surface Mounted Quatrum from its protective box and remove the mounting plate from the Shroud by unscrewing the x2No. M3 screws on the front of the fitting. (See fig 1.) Place the shroud and the fixing screws in a safe place for re-fitting later on.

2 Fitting Mounting Plate to Ceiling

2. The Quatrum Surface Mounting Plate has been designed to work with either surface or recessed BEZA Boxes. (See fig 2.)

Locate the BEZA box and position the Mounting plate so the fitting is pointing in the required direction. Then using suitable fixing screws secure the Mounting Plate to the BEZA box. (See fig 3.)

NOTE: It is the fitters responsibility to find suitable fixing screws. Fixings screws are not supplied with this fitting.

A special Conduit Skirt is available for surface mounted BEZA boxes as an optional extra.

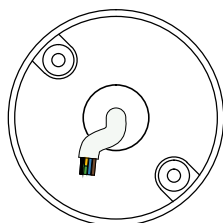


fig 2.

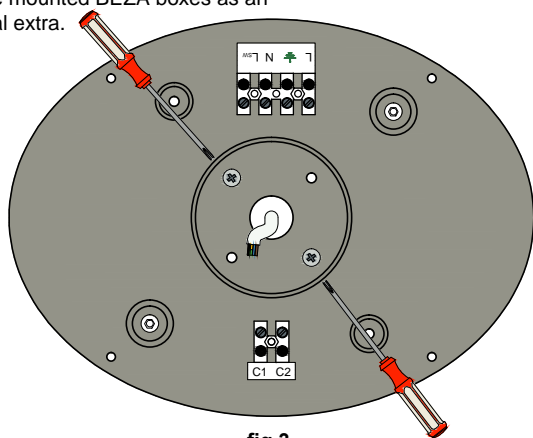
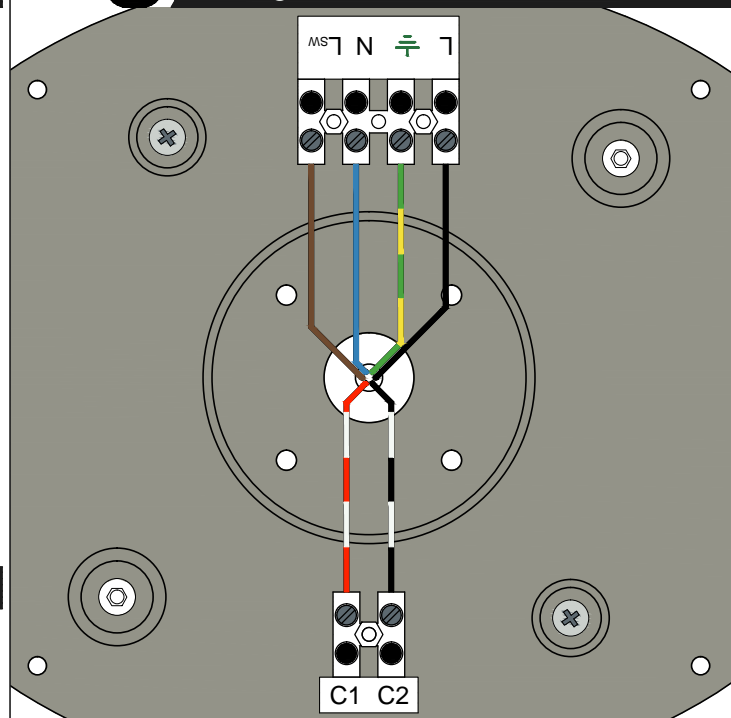


fig 3.

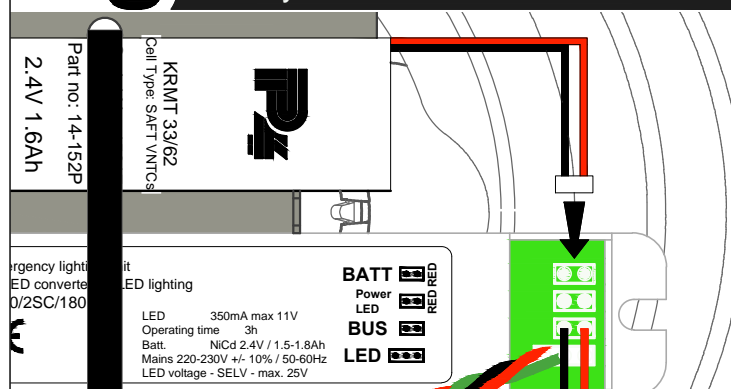
3 Wiring Detail



Wire Key	
	= Live
	= Switch Live
	= Neutral
	= Earth
	= Coms 1
	= Coms 2

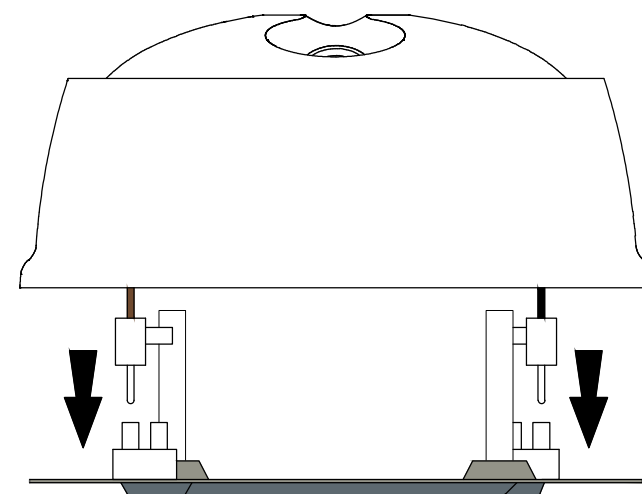
3. Wire the connector block as per the label guides. In case of maintained operation the switched live must be connected to the original LSW terminal. Note the switched live and the unswitched live must be from the same phase. Once complete repeat step 1. in reverse to fit to wall.

4 Battery Connection



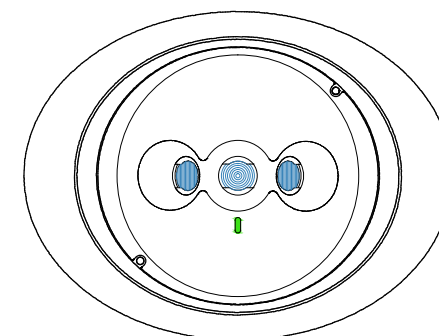
4. Plug the battery (Red and Black Cables) into the inverter, ensuring polarity is correct. Stow the Cables in a safe place inside the fitting to avoid damage during re-fitting of the shroud.

5 Shroud Re-Fitting

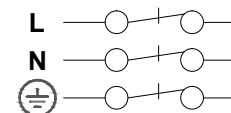


5. Take the shroud and plug the corresponding connectors blocks together using the label guides. Once complete re-fit the shroud to the mounting plate by repeating Step 1. in reverse.

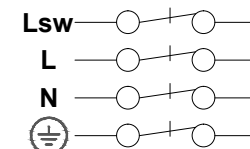
6 Applying Mains Supply



Non Maintained



Maintained



If fitted see product specification

6. Apply mains supply to test the luminaire. The indicator LED will show flashing green and the LEDs will illuminate if the Switched Live supply is connected and switched on.