

**EVENTUALLY, YOU MAY WANT TO  
REPLACE THIS PRODUCT:**

Regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005—UK WEEE Regulations effective 2nd January 2007). Environment Agency Registered Producer: WEE/ GA0248QZ.

WHEN YOUR PRODUCT COMES TO THE END OF ITS LIFE OR YOU CHOOSE TO REPLACE IT, PLEASE RECYCLE IT WHERE FACILITIES EXIST - DO NOT DISPOSE WITH HOUSEHOLD WASTE.

**CLEANING:**

Disconnect the power and clean the exterior only of this fitting with a moist (not wet) cloth.

Do not use any chemical or abrasive cleaners.

**IF YOU EXPERIENCE PROBLEMS:**

If you believe your product is defective, please return it to the place where you bought it. Our Technical Team will gladly advise on any Eterna Lighting product, but may not be able to give specific instructions regarding individual installations.

For breakage information visit:  
[www.etera-lighting.co.uk](http://www.etera-lighting.co.uk)



Issue 2014

## INSTALLATION INSTRUCTIONS

### A guide for qualified electricians



**Pack contents:**

- 1 x Fitting
- 1 x Fixing kit (NPCHKIT only)



## Model: NPCH / NPCHKIT

### Nema Socket Electronic Photocell & Kit Version

These instructions are provided as a guideline to assist you.

**PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION  
AND RETAIN FOR FUTURE REFERENCE**

## READ THIS FIRST:

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

This product must be installed by a competent person in accordance with the current building and IEE wiring regulations.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

This product is designed and constructed according to the principles of the appropriate British Standard. Using this fitting in any other environments may result in a shortened working life, for example where there is prolonged periods of use or higher than normal ambient temperatures such as lighting public or shared spaces or in nursing / care home facilities.

This fitting must be installed in accordance with the Building Regulations. These may be obtained from HMSO or viewed and downloaded from [www.odpm.gov.uk](http://www.odpm.gov.uk) following the link for Building Regulations.

Switch off the mains before commencing installation and remove the appropriate circuit fuse.

Suitable for outdoor use.

This product is suitable for installation on surfaces with normal flammability e.g. wood, plasterboard, masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).

Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.

Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).

If the location of your new fitting requires the provision of a new electrical supply, the supply must conform with the requirements of the Building Regulations.

This product is designed for permanent connection to fixed wiring: this should be either a suitable lighting circuit (protected with a 5 or 6 Amp MCB or fuse) or a fused spur (with a 3 Amp fuse) via a fused connection unit. We recommend that the supply incorporates a switch for ease of operation.

Make connections to the electrical supply in accordance with the following code:

### (L) Live: Brown or Red

Connect to the incoming supply live

### (N) Neutral: Blue or Black

Connect to the incoming supply neutral and to the light/load neutral terminal.

### (LO) Load Live: Brown or Red

Connect to the live terminal on the light/load

This fitting is double insulated, do not connect any part to earth.

You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out: these tests are specified in the Wiring Regulations (BS7671) referred to in the Building Regulations.

## SPECIFICATION:

Power rating: 1500VA or 5 Amp inductive load at 60 $\mu$ F

Supply voltage: 240V

Switch on/off at 30/80 lux

## NPGHKIT INSTALLATION:

- 01) Separate the control unit from the NEMA base by twisting anti-clockwise and pulling gently.
- 02) Using the wall fixing bracket as a template, mark and make the fixing holes.
- 03) Secure the bracket in place using the 3 wall plugs and screws supplied. If these fixings are not suitable for your installation use suitable alternatives.
- 04) The wall fixing bracket will accept 20 mm conduit and fittings or a plain cable entry.
- 05) Ensure that the correct rated outdoor cable is used.
- 06) Make connections to the NEMA socket as detailed above.
- 07) Ensure that all connections are secure and that no "whiskers" or bare wires are left free from the terminals.
- 08) Ensure that the gasket is located on the lugs inside the wall bracket and secure the NEMA base socket to the bracket with the two screws provided.
- 09) Refit the photocell by inserting in the base and twisting clockwise to lock. The socket is polarised and will only fit one way.
- 10) Check that your light fitting or other load has been installed and connected correctly.
- 11) Restore the power and test the installation by covering the control unit (the product box is suitable), waiting approximately 1 minute for the unit to switch on and then removing the box and checking that the unit switches off.

## NPGH INSTALLATION:

- 01) The photocell may be installed in a wall fixing bracket as detailed above.
- 02) It may also be installed with a light fitting of your choice provided the NEMA base is securely fitted with suitable fixings and the connections are made in accordance with the instructions above.
- 03) When fixing the NEMA socket, use countersunk screws to ensure effective sealing of the foam gasket on the photocell unit.
- 04) Ensure that the socket is located in a position where it will not be exposed to excessive heat e.g. not directly above or in close proximity to a lamp or ballast.
- 05) Make electrical connections according to the instructions opposite.
- 06) After installation, conduct tests as for installation of the complete kit. In the event of damage to the photo control unit cover, isolate the installation from the mains supply before unplugging.

