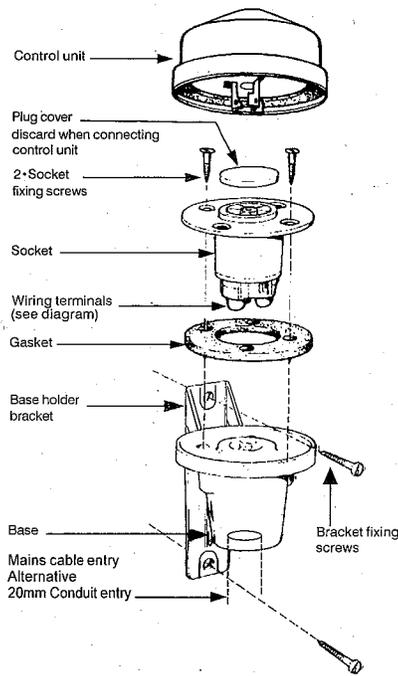


PHOTOCELL KIT SOCKET

Installation and Wiring Instructions for

Model: CELLKIT



The kit consists of 3 parts-control unit, socket and baseholder/bracket.

PHOTOCELL CONTROL UNIT

This control is designed to switch a lighting load on and off automatically at dusk and dawn. This unit is pre calibrated to switch at light levels which ensure that outdoor lighting is on when required, allowing for a 10 minute warm-up period for sodium or mercury discharge lighting. It is, however, suitable for use with all types of lighting, i.e. tungsten, fluorescent or discharge.

Supply 240V 50Hz
Rating 10 amps

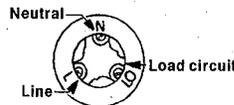
Switch on Setting 70 Lux
Switching Differential 1 : 3 Positive-
The unit incorporates a time delay to prevent operation by car head lamps, lightning, etc.
They are omni-directional and therefore reference to North light is not necessary.

INSTALLATION PROCEDURE

Separate the three units - the baseholder and bracket, the socket and control unit.

HANDLE THE CONTROL UNIT CAREFULLY TO PREVENT DAMAGE

- Choose a suitable site for the control as follows:-
 - Avoid a position where direct light from any lighting unit can fall on the control.
 - Choose a position out of direct sunlight if possible - this is not essential but is desirable.
 - Mount out of reach of non-authorized persons.
 - Drill two mounting holes for baseholder using the bracket as a template and fix to wall or post.
(No. 8 machinery drill for the No. 8 x 1" woodscrews provided). Holder will accept 20mm. conduit fittings as an alternative to plain cable entry.
- ENSURE THAT CABLE USED IS SUITABLE FOR OUTDOOR USE AND OF ADEQUATE CURRENT CARRYING CAPACITY.
- Wire up the NEMA socket to following diagram:-



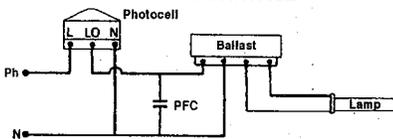
NOTE: Lo is the switched live load. (live only during darkness). use as phase supply to control gear, or alternatively a contactor coil if the load is in excess of control rating.

- Fix the socket into the holder using two No. 8 x 1" woodscrews provided - ensuring gasket is fitted beneath flange of the socket.
- Plug in the control unit - the large pin into the large slot - ROTATE CLOCKWISE to lock into position.
- Test by covering cell completely with opaque cover - (packing box is ideal); wait for 40-60 secs for time delay to take effect. Remove cover to check switch off action.

IMPORTANT:

CELL IS STILL LIVE WHEN LAMP IS OUT. THEREFORE, ALWAYS ISOLATE SUPPLY TO THE CONTROL BEFORE REMOVING PLUG-IN UNIT OR SOCKET OR INDEED BEFORE CARRYING OUT WORK OF ANY DESCRIPTION ON THE INSTALLATION. IN THE EVENT OF BREAKAGE OF THE CONTROL COVER - ISOLATE CONTROL IMMEDIATELY FROM SUPPLY BEFORE UNPLUGGING - TAKING CARE TO AVOID ANY SHARP EDGES THAT MAY REMAIN.

TYPICAL WIRING DIAGRAM (90W SOX ILLUSTRATED) WITH PHOTOCELL



RoHS
COMPLIANT
2002/95/EC

