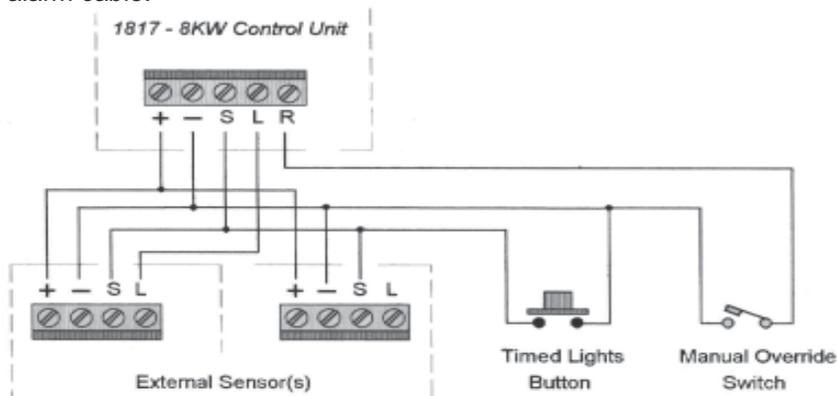


- Locate and install the PIR sensors following the instructions supplied with the sensors. Return to these instructions when it is time to connect the wiring.
- Connect the sensors as shown below using a suitable cable such as four core alarm cable.



- Note : only one of the External Sensors on the system should be connected to the "L" terminal. This sensor will supply the control unit with information of how light or dark it is.
- Note : an over-ride or a timed lights button can also be installed as shown above.

SETTING UP

- Turn the TIME adjustment and the LUX level adjustment fully anti-clockwise ready for a daytime walk-test.
- Apply power.
- Walk in front of the PIR sensors and ensure that the load (lights) switch on when desired. The load will switch off 2 seconds after you have stopped moving. Pan and tilt the sensors to obtain the desired coverage.
- Remember that the detection range will increase slightly at night time due to the lower ambient temperature.
- If you only want the load to switch on at night-time when it is dark, such as in a lighting system, turn the LUX adjustment to the half way position to set the system for night-time only operation. Walk in front of a PIR sensor and check that the load doesn't turn on.
- Turn the TIME adjustment to the half way position to allow the load to switch on for 3 minutes after movement has stopped. This can be increased or decreased to suit individual needs.

The Installation is now complete.



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1817 - 8KW Single Zone Control Unit Installation Instructions

This unit has been designed for the professional installer who requires large load switching capabilities. The unit can be used for switching lights, heaters, fans, motors etc. The control unit can be triggered by the use of 1804 or 1811 External Sensors which detect a persons moving body heat, or a push button can be used to trigger the system

FEATURES

- 220/240V 50/60Hz operating voltage.
- Switches 8KW of load.
- Adjustable light(s) on time control. (3 sec - 7 mins)
- Adjustable lux level control. (sets the level of darkness at which the unit starts to work)
- 100mA @ 12Vdc available from the power supply to power the external sensor and other low voltage devices.
- IP40 enclosure protection.

The number of External Sensors and other low voltage devices that may be connected to the controller is governed by the current available (100mA). Add up the current rating of each device to be connected to make sure it does not exceed 100mA. If you do require more current, an additional 12V do power supply will be needed. Each Voltek External Sensor consumes 12mA(max) @ 12V dc.

SITING THE UNIT

The control unit may be located at any convenient wiring point, that is not subject to excessive heat, vibration or moisture.

INSTALLATION

This equipment must be installed by a competent electrician. All wiring must comply with IEE regulations as well as your local building codes.

- Mount the Unit on the wall using the four mounting holes located underneath the lid securing screws.
- Drill the required number of holes in the bottom of the enclosure and insert the correct sized cable grommets
- Run a cable from a fused outlet and connect the cable as shown in the left table.

Fused Outlet	1817 Control Unit
LIVE	L
NEUTRAL	N
EARTH	E

Load (lighting)	1817 Control Unit
LIVE	T1
NEUTRAL	T2
EARTH	E

- Run a cable from the load (lighting, heaters, etc.) and connect the cable as shown in the table on the right.