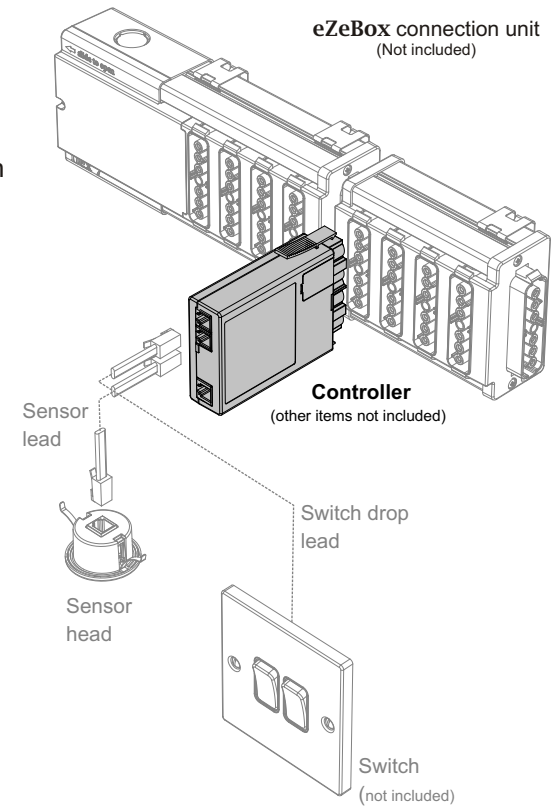


## Includes Additional Switch Circuit

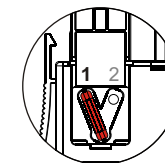
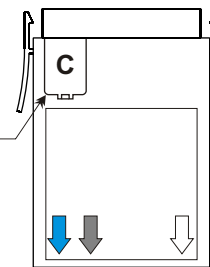
The **fnc2000/AB/2** is a control device which plugs directly into a special type of **eZeBox** connection unit; the **f2u--**.

Working with switches or together with a plug-in sensor head, the device can control two switching circuits ON and OFF. The exact operation will depend on which, if any, sensor head is fitted. Note that any connected switch or sensor head will be operating at ELV.



## Configuring the **fnc2000/AB/2** controller & wiring the connection unit

To view, prise open lid 'C' using a screw driver.



**Link MUST be in position 1 as shown**  
Wire connection unit as shown on the back page.

### Rating

Supply Voltage : 230V~ 50Hz

#### Load on Lighting Circuit 1

Flourescent & Incandescent Lighting : 6A

Compact Flourescent Lighting : 3A

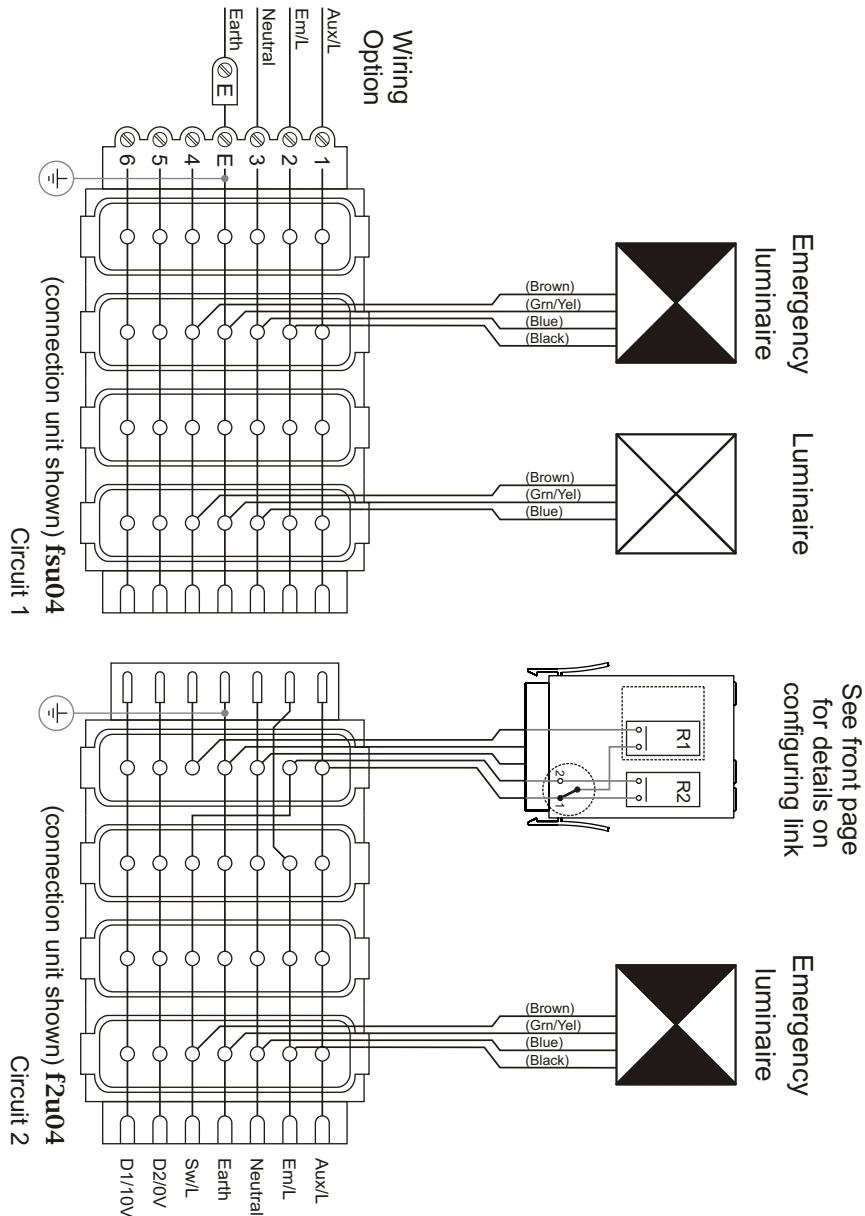
#### Load on Lighting Circuit 2

Flourescent & Incandescent Lighting : 6A

Compact Flourescent Lighting : 3A

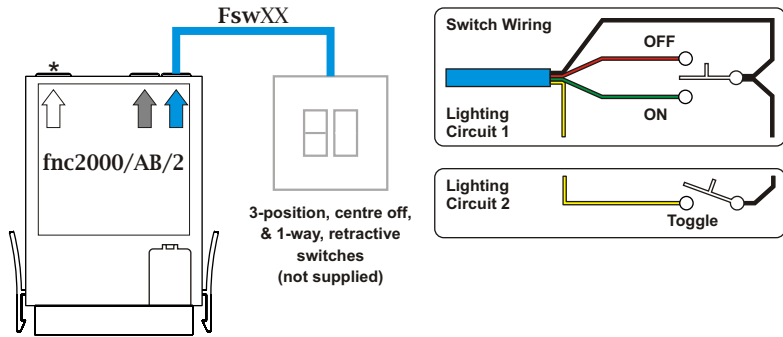
**Total Maximum Load : 10A**

## Circuit diagram for **fnc2000/AB/2** Controller



## Using an fnc2000/AB/2 controller switches only

\* Refer to leaflet *Networking Sensors*, leaflet number 17/245.



### Operation:

#### Switch control:

##### Lighting Circuit 1:

ON pulse - turns the lights ON.  
OFF pulse - turns the lights OFF.

##### Lighting Circuit 2:

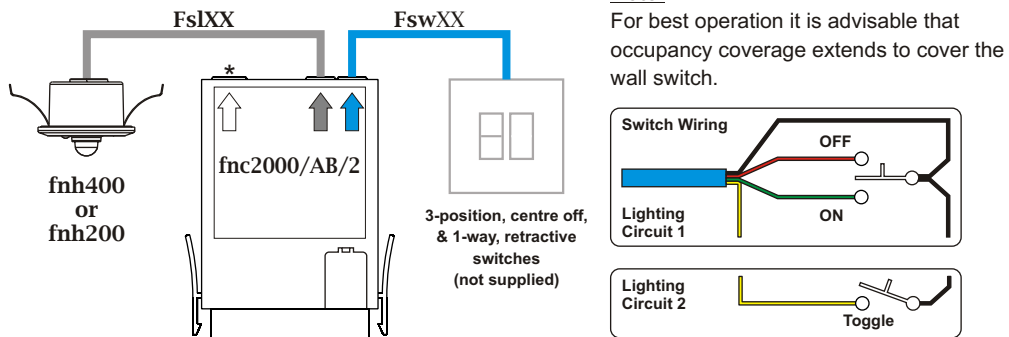
Pulse - toggles the lights ON or OFF.

#### Note:

Multiple switches can be connected in parallel. 'Y' connectors are available to enable two switch drop leads to be connected into one point.  
(Part No. fsy/A - adaptor)

## Using an fnc2000/AB/2 controller with a sensor head and switches

\* Refer to leaflet *Networking Sensors*, leaflet number 17/245.



#### Note:

Multiple switches can be connected in parallel. 'Y' connectors are available to enable two switch drop leads to be connected into one point.  
(Part No. fsy/A - adaptor)

**Note:** Alternative operational options not necessarily shown above are available using the frc/set setup remote control.  
Full instructions for setting up the sensor are supplied with the sensor head and the frc/set remote control - both ordered separately.

### Operation:

#### If the sensor head is of type fnh200

##### Switch control:

##### Lighting Circuit 1:

ON pulse - turns the lights ON.  
OFF pulse - turns the lights OFF.

##### Lighting Circuit 2:

Pulse - toggles the lights ON or OFF.

##### Absence detection:

When occupancy is no longer detected, lights (both lighting circuits) will switch OFF after a pre-selected time-out period (default 20 minutes).

#### If the sensor head is of type fnh400

**Switch control:** As above (type fnh200)

**Absence detection:** As above (type fnh200)

**Daylight dependency (Lighting circuit 1 only):** During periods of occupancy (or whilst occupancy is timing out) the lights may switch OFF if the ambient light detected under the sensor head sufficiently exceeds the *set-level*. Conversely the lights may switch back on again should the ambient light fall below the *set-level*.