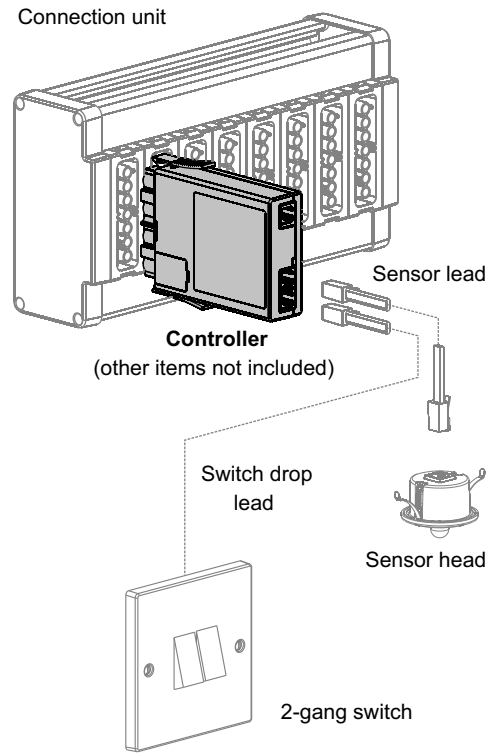


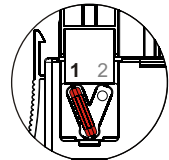
fnc2000/2 - Controllers

Includes Additional Switch Circuit

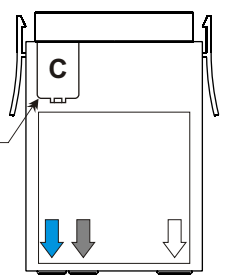
The **fnc2000/2** is a control device which plugs directly into a special type of **flex7** connection units; the **fi--/fnc2** or **fcB--/fnc2**. Working with switches or together with a sensor head, the device can control two switching circuits ON/OFF. The exact operation will depend on which, if any, type of sensor head is fitted. Note that any connected switch or sensor head will be operating at ELV.



Configuring the fnc2000/2 controller and wiring the connection unit



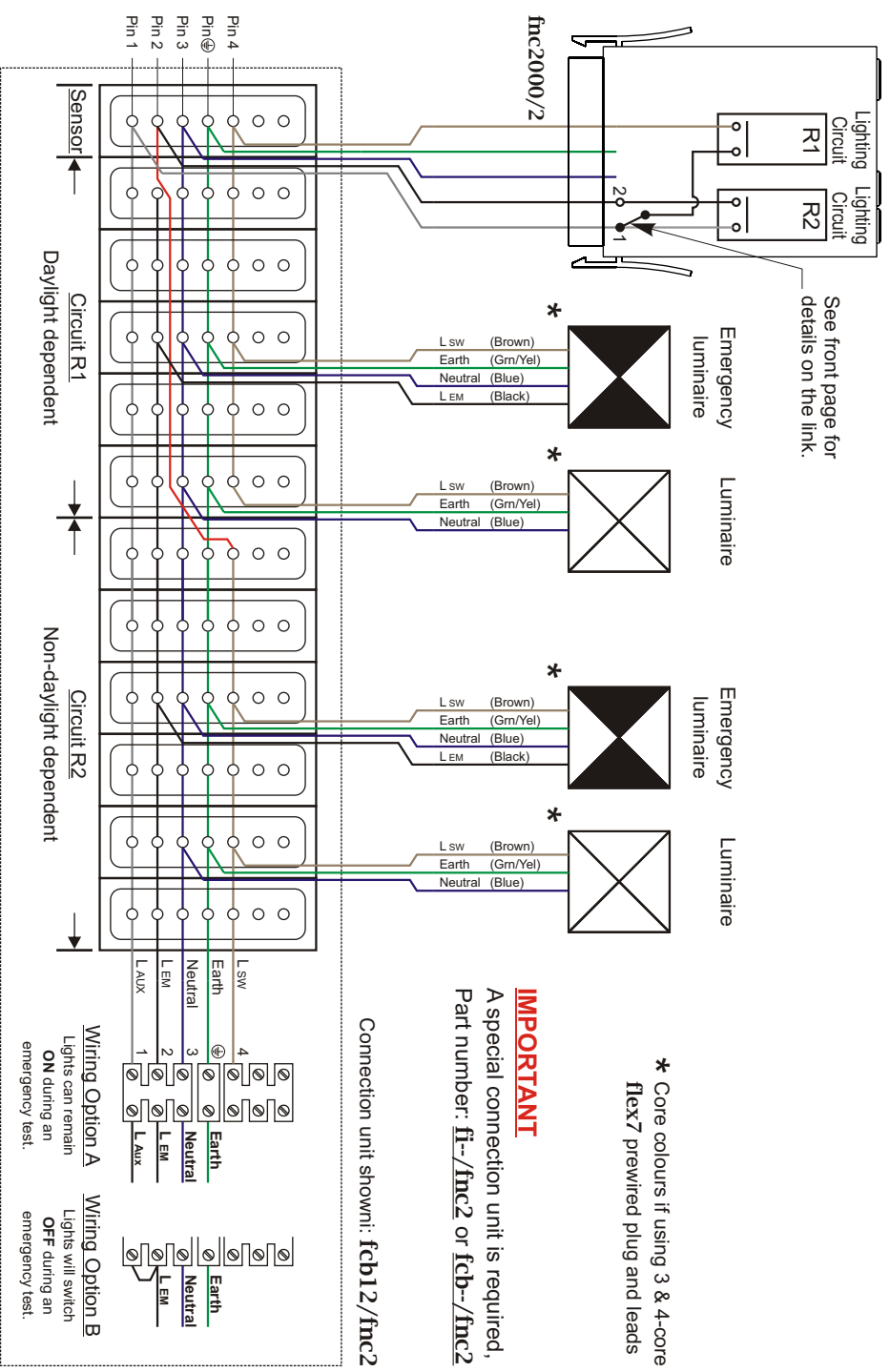
Link MUST be in position 1 as shown
Wire connection unit as shown on the back page.



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

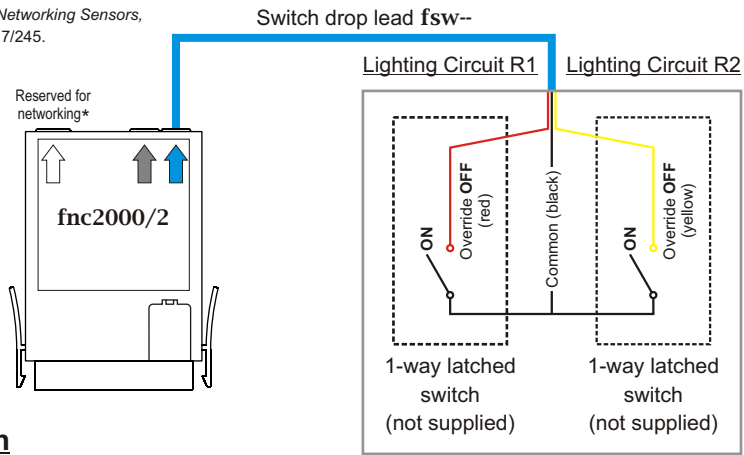
Rating	
Supply Voltage	: 220V-240V, 50Hz, ~
Load on Lighting Circuit - R1	
Fluorescent & Incandescent Lighting	: 6A
Compact Fluorescent Lighting	: 3A
Load on Lighting Circuit - R2	
Fluorescent & Incandescent Lighting	: 6A
Compact Fluorescent Lighting	: 3A
Total Maximum Load	: 10A

Circuit diagram for fnc2000/2



Using an fnc2000/2 controller with a switch only

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

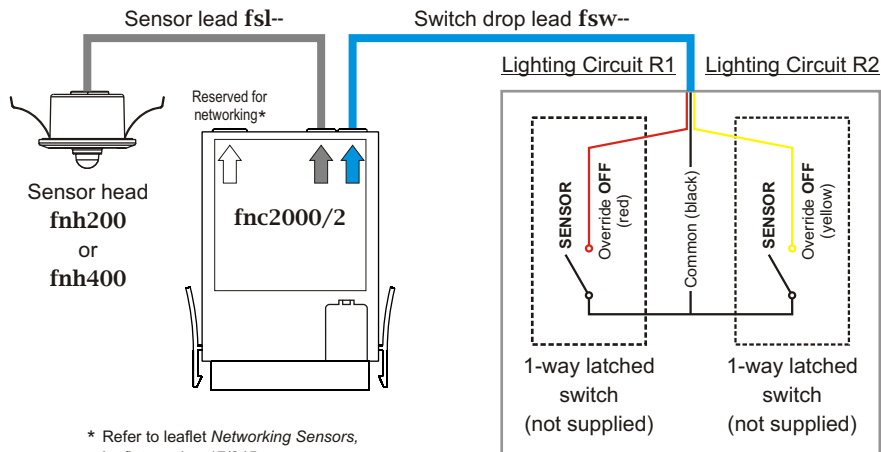


2 x override OFF only

Operation

Lighting circuit R1: ON/OFF via switch.
Lighting circuit R2: ON/OFF via switch.

Using an fnc2000/2 controller with a sensor head and override switch



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

2 x override OFF only

Note:

For safe operation it is advisable that occupancy coverage extends to cover the wall switches. In this way, operating the switches to their 'SENSOR' positions will ensure the lights turn ON.

Operation

If the sensor head is of type fnh200

Circuit R1

Occupancy detection: Provided the relevant wall switch is in the 'SENSOR' position the lights will switch ON whenever there is occupancy detected by the sensor head. When occupancy is no longer detected, lights will switch OFF after a pre-selected *time-out* period.

Override switch operation: Override OFF takes priority over occupancy sensing.

Circuit R2

As for Circuit R1.

If the sensor head is of type fnh400

Circuit R1

Occupancy detection: Provided the relevant wall switch is in the 'SENSOR' position then, notwithstanding '*daylight dependency*' (see below), lights will switch ON whenever there is occupancy detected by the sensor head. When occupancy is no longer detected, lights will switch OFF after a pre-selected time-out period.

Daylight dependency: During periods of occupancy the lights may switch OFF if the ambient light detected under the sensor head exceeds the *set-level*.

Override switch operation: Override OFF takes priority over occupancy or *daylight dependency* sensing.

Circuit R2

As for Circuit R1 with the exception that circuit R2 will not be daylight dependent.

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.