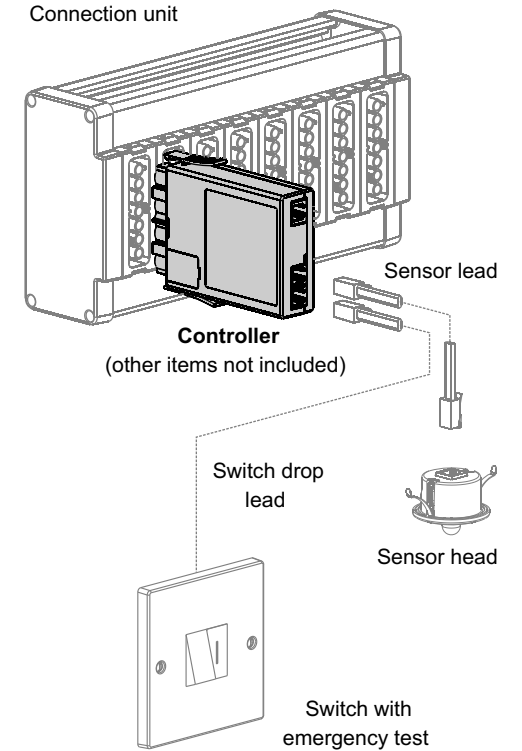


Circuit diagram for fnc2000/AB/E Controller

# fnc2000/AB/E Controllers

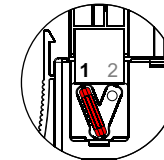
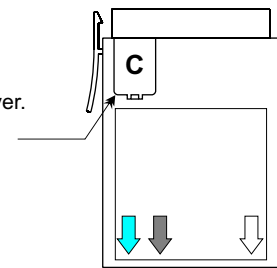
Includes Integral Emergency Test

The **fnc2000/AB/E** is a control device which can plug directly into any of the **flex7** range of connection units or a 7-pole single socket outlet. Working with at least a switch or together with a sensor head, the device will control the connected mains rated luminaires ON/OFF and will be able to carry out an emergency test. The exact operation will largely depend on which of the input devices are connected. Note that any connected switch or sensor head will be operating at ELV.

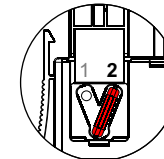


## Configuring the fnc2000/AB/E controller & wiring the connection unit

Prise open lid 'C' using a screw driver. Position link as required.



**Link in position 1**  
Lights can remain ON during an emergency test. Wire connection unit as shown on the back page.



**Link in position 2**  
Lights will switch OFF during an emergency test. Wire connection unit as shown on the back page.

**Rating**

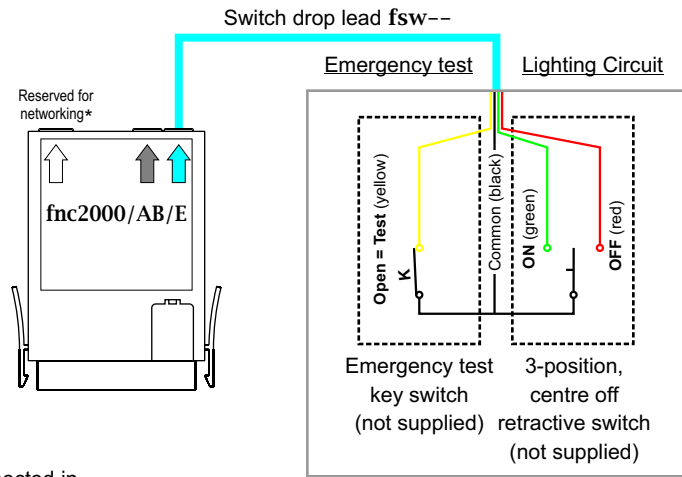
Supply Voltage : 220V-240V, 50Hz, ~

**Load**

Fluorescent & Incandescent Lighting : 6A  
Compact Fluorescent Lighting : 3A

## Using a fnc2000/AB/E controller with a switch only

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



**ON and OFF Control**  
3-position centre off retractive switch with emergency test key switch

### **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)

### **Operation:**

#### **Switch control:**

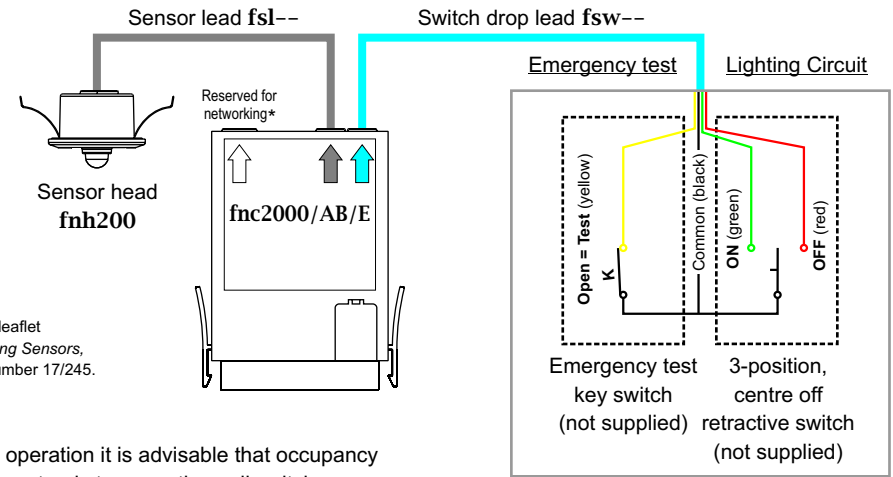
An ON pulse - turns the lights ON.  
 An OFF pulse - turns the lights OFF.

#### **Operation for the Emergency Test:**

Operate key switch to carry out an emergency test.

## Using fnc2000/AB/E controller with a sensor head and a switch

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



**ON and OFF Control**  
3-position centre off retractive switch with emergency test key switch

### **Note:**

For best operation it is advisable that occupancy coverage extends to cover the wall switch.

### **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).

### **Operation:**

**Switch control:** An ON pulse - turns the lights ON.  
 An OFF pulse - turns the lights OFF.

**Absence detection:** When occupancy is no longer detected, lights will switch OFF after a pre-selected *time-out* period.

#### **Operation for the Emergency Test:**

Operate key switch to carry out an emergency test.

**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.