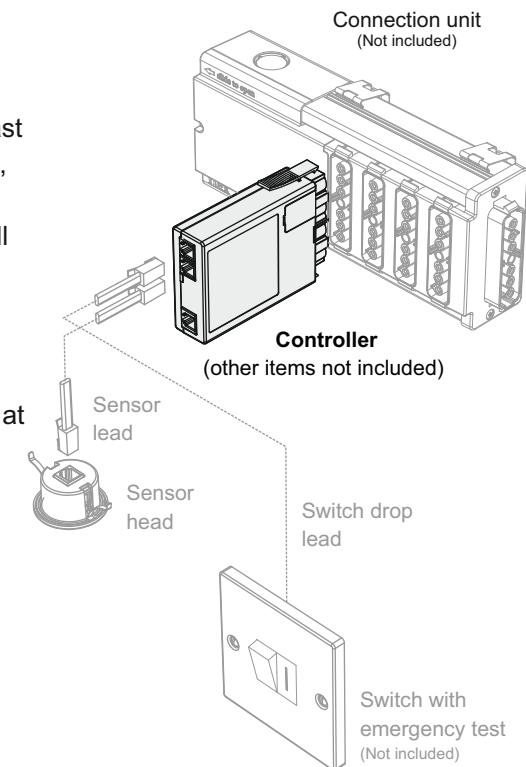


## fnc2000/AB/E Controllers

Includes Integral Emergency Test

The **fnc2000/AB/E** is a control device that can plug directly into any of the 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.

**This product should only be installed by a qualified electrician.**

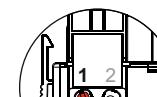
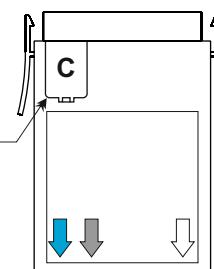


### Configuring the fnc2000/AB/E controller & wiring the connection unit

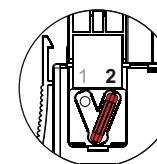
<b>Supply Voltage</b>	:Nominal 230V~ 50Hz
<b>Type</b>	:Class 2
<b>Material</b>	:PA6 UL94 V-0 rated, Non-halogen
<b>Operating range</b>	:-10°C to 40°C
<b>Switched Load</b>	:6A
<b>Peak Inrush</b>	:120A (duration <20mS)

<b>IP Rating</b>	:IP20
<b>Compliance</b>	:2014/35/EU
	:2014/30/EU

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



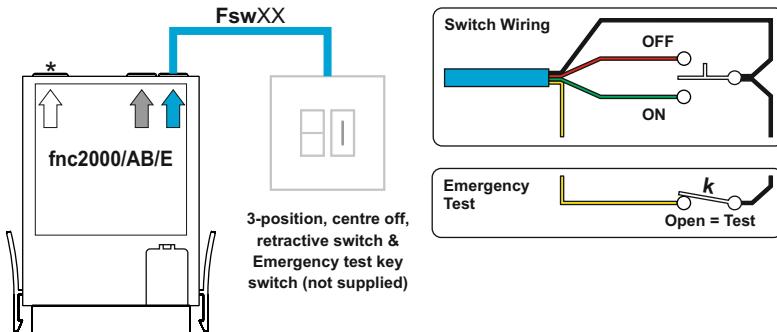
**Link in position 1**  
Lights can remain ON during an emergency test. Wire the connection unit as shown in the circuit diagram.



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

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

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



### Operation:

#### Switch control:

An ON pulse - turns the lights ON.

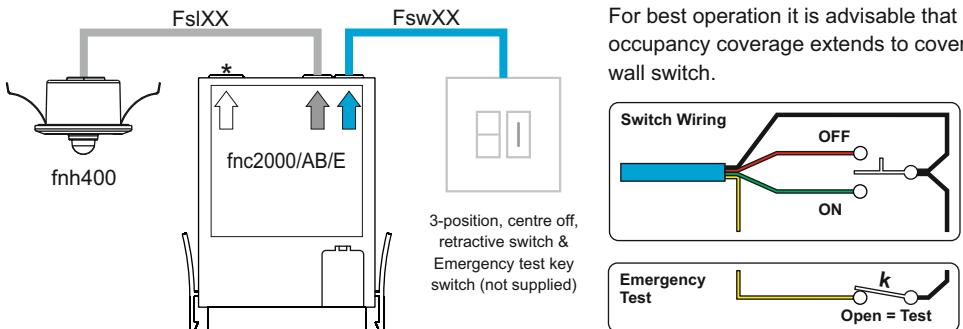
An OFF pulse - turns the lights OFF.

#### 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.



### 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.

#### 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.

## Circuit diagram for a fnc2000/AB/E

