

Supply Voltage	:Nominal 230V~ 50Hz	IP Rating	:IP20
Type	:Class 2	Compliance	:2014/35/EU
Material	:PA6 UL94 V-0 rated, Non-halogen		:2014/30/EU
Operating range	:-10°C to 40°C		
Switched Load	:6A		
Peak Inrush	:120A (duration <20mS)		



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 Leaflet reference number: 22/006 issue 10 04/03/2025



fnc2000/AB/E Controllers

Includes Integral Emergency Test

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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

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

Link in position 1

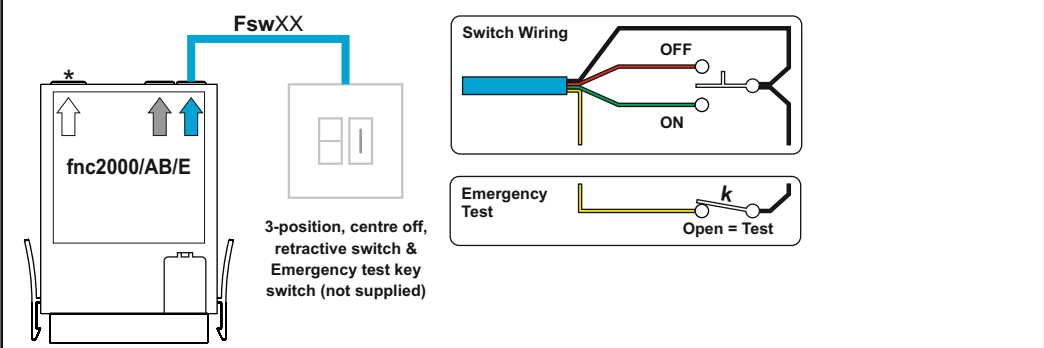
Lights can remain ON during an emergency test. Wire the connection unit as shown in the circuit diagram.

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: _____ Note: _____

Switch control: Multiple switches can be connected in parallel. 'Y' connectors are available to

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.

Operate key switch to carry out an emergency test. (Part No. fsy/A - adaptor)

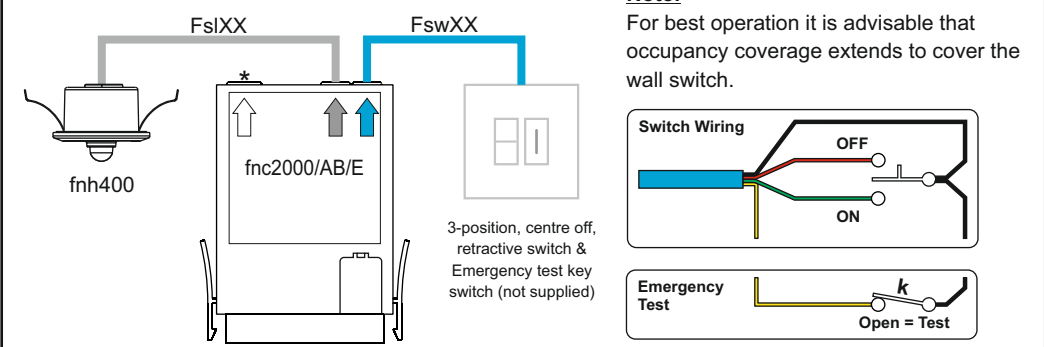
Using **fnc2000/AB/E** controller with a sensor head and a switch

Operation: _____ Note: _____

<p>Switch control: An ON pulse - turns the lights ON. An OFF pulse - turns the lights OFF.</p> <p>Emergency Test: Operate key switch to carry out an emergency test.</p>	<p>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)</p>
<p>Using fnc2000/AB/E controller with a sensor head and a switch</p>	

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

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



Operation: _____ **Note:** _____

Switch control: Multiple switches can be connected in parallel. 'Y' connectors are available to

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

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.

Operation: _____ **Note:** _____

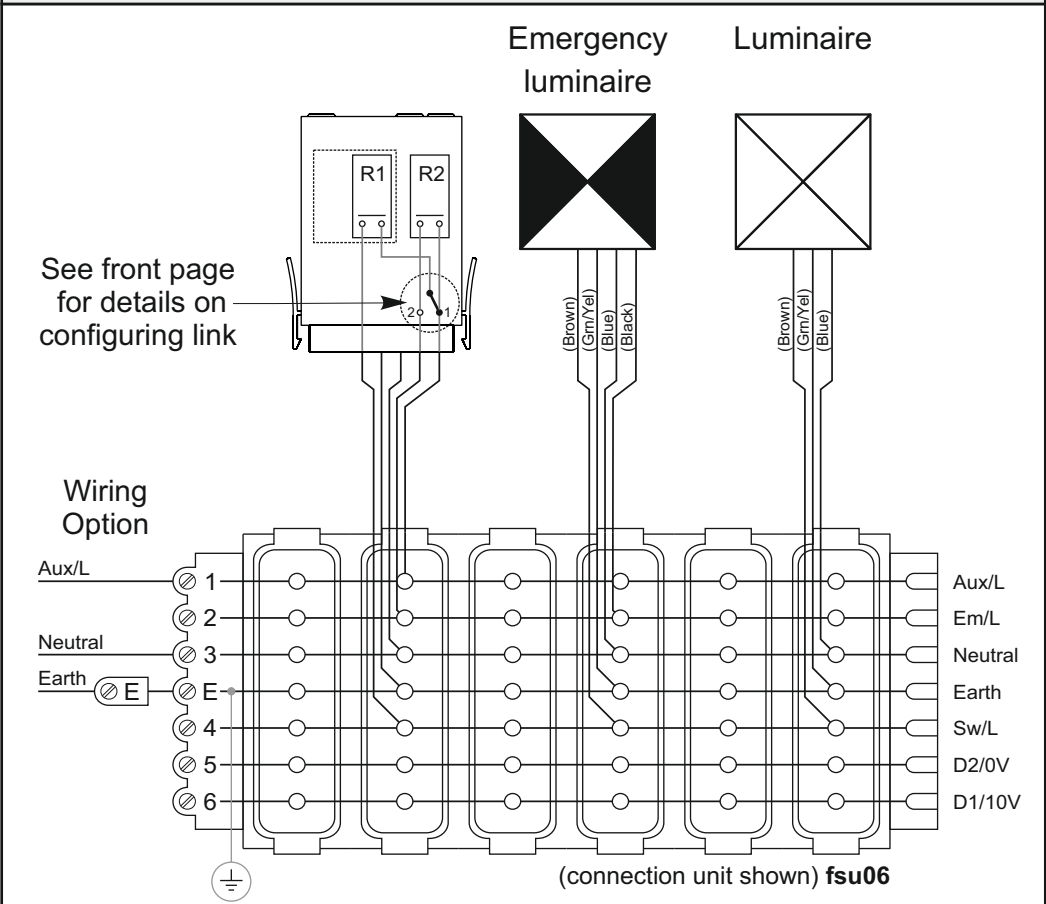
<p>Switch control: An ON pulse - turns the lights ON. An OFF pulse - turns the lights OFF.</p> <p>Absence detection: When occupancy is no longer detected, lights will switch OFF after a pre-selected <i>time-out</i> period.</p> <p>Emergency Test: Operate key switch to carry out an emergency test.</p>	<p>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).</p>
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Emergency Test:
Operate key switch to carry out an 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**



See front page
for details on-
configuring link

Wiring Option

The diagram illustrates the internal wiring of the connection unit fsu06. It shows a central block with six rows of terminals, each connected to a specific line. The connections are as follows:

- Aux/L:** Connected to terminal 1.
- Neutral:** Connected to terminal 3.
- Earth:** Connected to terminal E.
- Sw/L:** Connected to terminal 4.
- D2/0V:** Connected to terminal 5.
- D1/10V:** Connected to terminal 6.

The unit is labeled **(connection unit shown) fsu06** at the bottom.