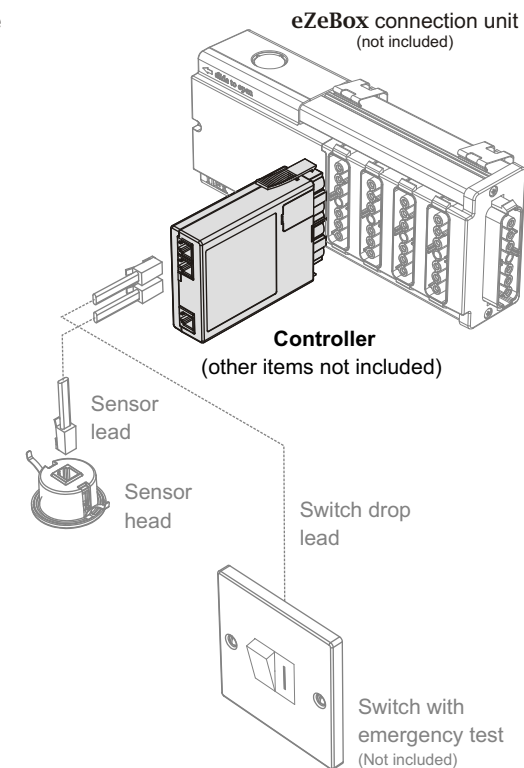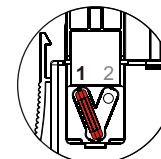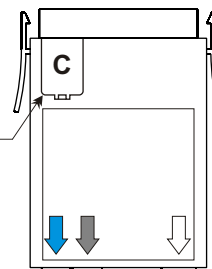## Includes Integral Emergency Test

The **fnc2000/AT/E** is a control device which can plug directly into any of the **eZeBox** range of connection units or a 7-pole single socket outlet. Working with at least a switch or together with a plug‑in 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.
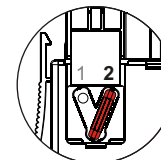
eZeBox connection unit
(not included)

Controller
(other items not included)

Sensor lead

Sensor head

Switch drop lead

Switch with emergency test
(Not included)

Configuring the **fnc2000/AT/E** controller and wiring the connection unit

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

C

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

1 2

Link in position 2
Lights will switch OFF during an emergency test. Wire the connection unit as shown in the circuit diagram.
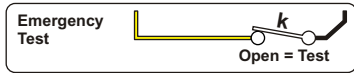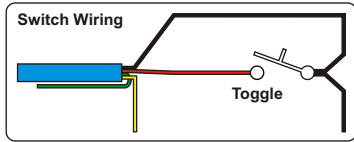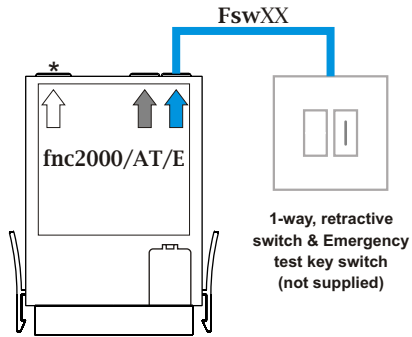
1 **2**

Rating
Supply Voltage   : 230V~ 50Hz
Load

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

Using a **fnc2000/AT/E** controller with a switch only

FswXX

fnc2000/AT/E

Switch Wiring

Toggle

Emergency Test

k

Open = Test

1-way, retractive switch & Emergency test key switch (not supplied)

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:
Pulse - toggles the lights ON or OFF.

Emergency Test:
Operate key switch to carry out an emergency test.

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

FslXX　　**FswXX**

fnc2000/AT/E

fnh200 or fnh400

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

Switch Wiring

Toggle

Emergency Test

k

Open = Test

3-position, centre off, retractive switch & Emergency test key switch (not supplied)

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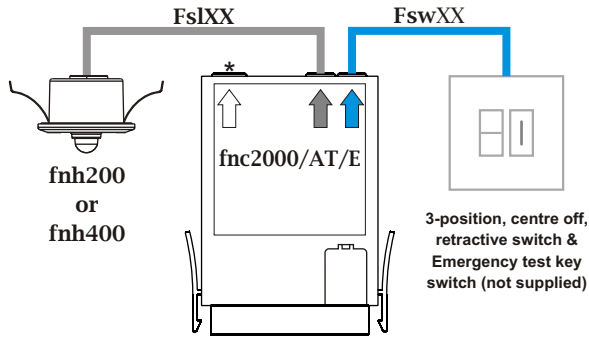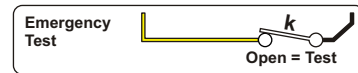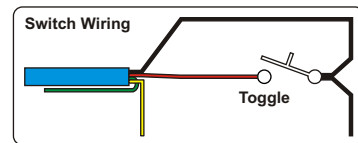(Part No. **fsy/A** - adaptor).

Operation:

Switch control:
Pulse - toggles the lights ON or 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.

Daylight dependency (fnh400 only): During periods of occupancy the lights will switch OFF if the ambient light detected under the sensor head exceeds the *set level*.

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 **fnc2000/AT/E**

Luminaire

Emergency luminaire

(Blue)
(Grn/Yel)
(Brown)

(Black)
(Blue)
(Grn/Yel)
(Brown)

R2

R1

See front page for details on configuring link

Wiring Option

Aux/L　Neutral　Earth

1　2　3　E　4　5　6

Aux/L　Em/L　Neutral　Earth　Sw/L　D2/0V　D1/10V

(connection unit shown) **fsu06**