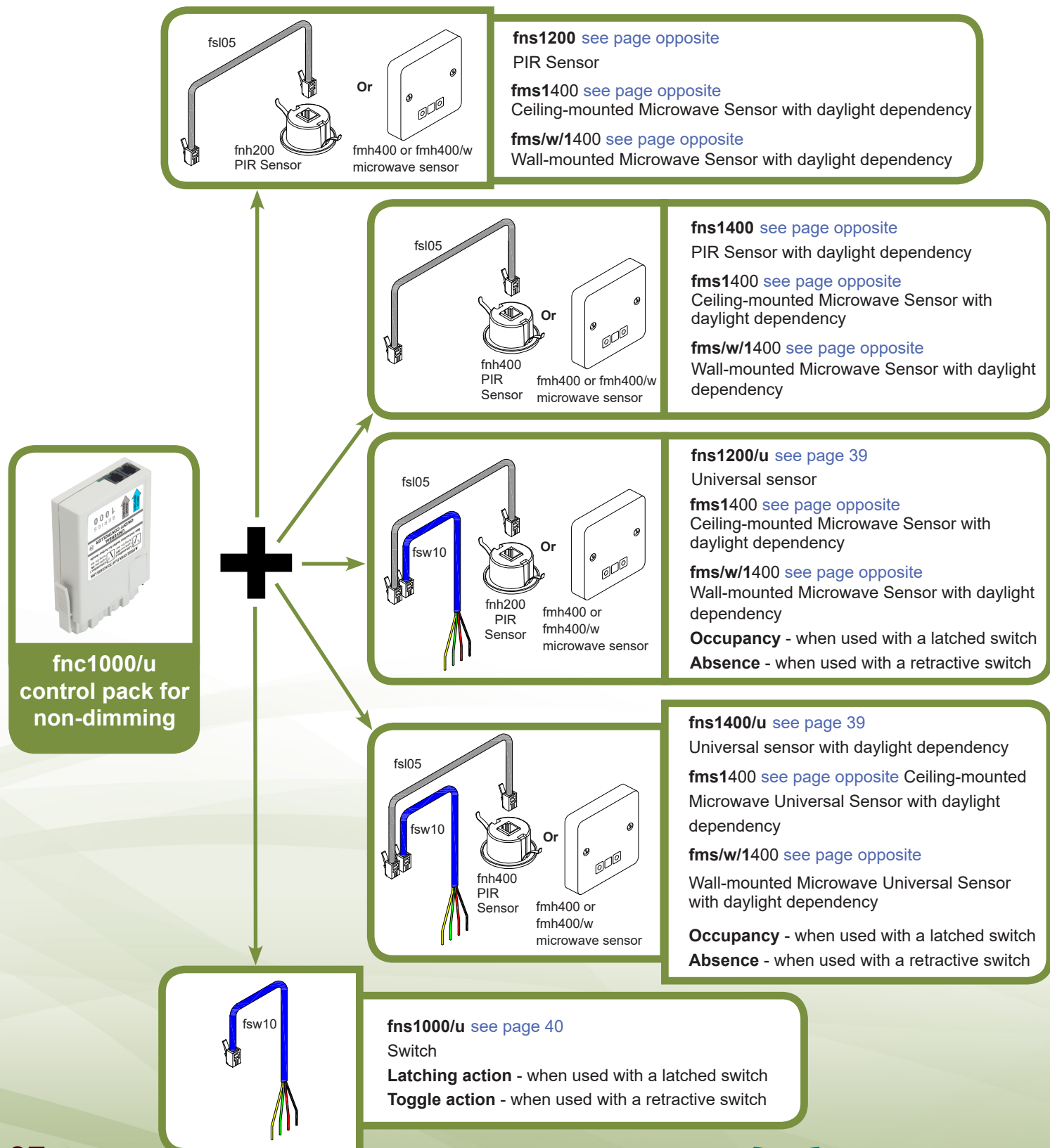


Series 1000 Control Kits - At a glance

(for non-dimming applications)

Plugging straight into any suitably supplied eZeBox the flex7 Series 1000 Universal Control Kits provide an extensive choice of ON/OFF control philosophies. Because all kits are made up from a pool of common elements, your control can easily be altered at any stage simply by adding or removing components. Kit components are also available to order separately as well as many extras such as a Setup or a User Remote Control, alternative lead lengths and, if more detection coverage is required, Slave PIR Sensors that can be plugged-in in parallel (up to 5 slaves max.) with the existing PIR or Microwave sensor.

Most flex7 controls operate at PELV (protected extra low voltage) so using our Switch Drops, unlike mains switching, means that cables can be set at any depth within the wall, will not require enclosing in an earthed metallic covering nor will the circuit require the added protection of an RCD for that purpose. (see IET Wiring Regulations 17th Edition BS7671: 2008 incorporating Amendment No 3:2015).



Series 1000 (Non-dimming) Occupancy Sensor - Kits

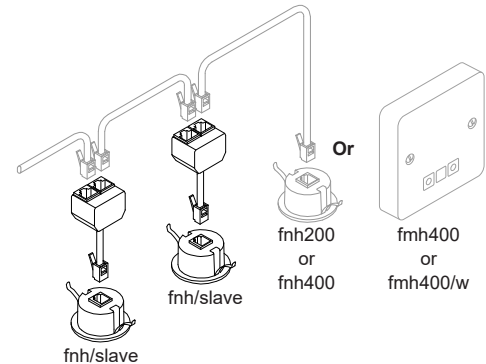
Occupancy Sensors (PIR or Microwave) switch lights on when presence is detected and off if absence is detected for a period equal to its programmed timeout.

Daylight dependent versions are also available which, during normal periods of occupancy, will switch the lights off whenever there is adequate daylight. Typically this means lights are off during brighter periods of the day.



Increasing the detection range of a sensor

Detection range can be increased up to 6 fold by adding Slave PIR Sensor (5 max.) in parallel with the existing PIR or Microwave Sensor. Ideal for corridors and large or irregular shaped areas. [See page 45 and 47.](#)



frc/set - Setup Remote Control

*All sensors come factory set with a 20 minute timeout but for other times (2, 5, 10, 20 or 40 minutes) or to Setup the light level for daylight dependency version, a Setup Remote Control is required. [See page 48](#)



frc/user - End User Remote Control

For additional control for the end user a User Remote Control is available. Unit comes with its own wall mounted holster. [See page 48](#)



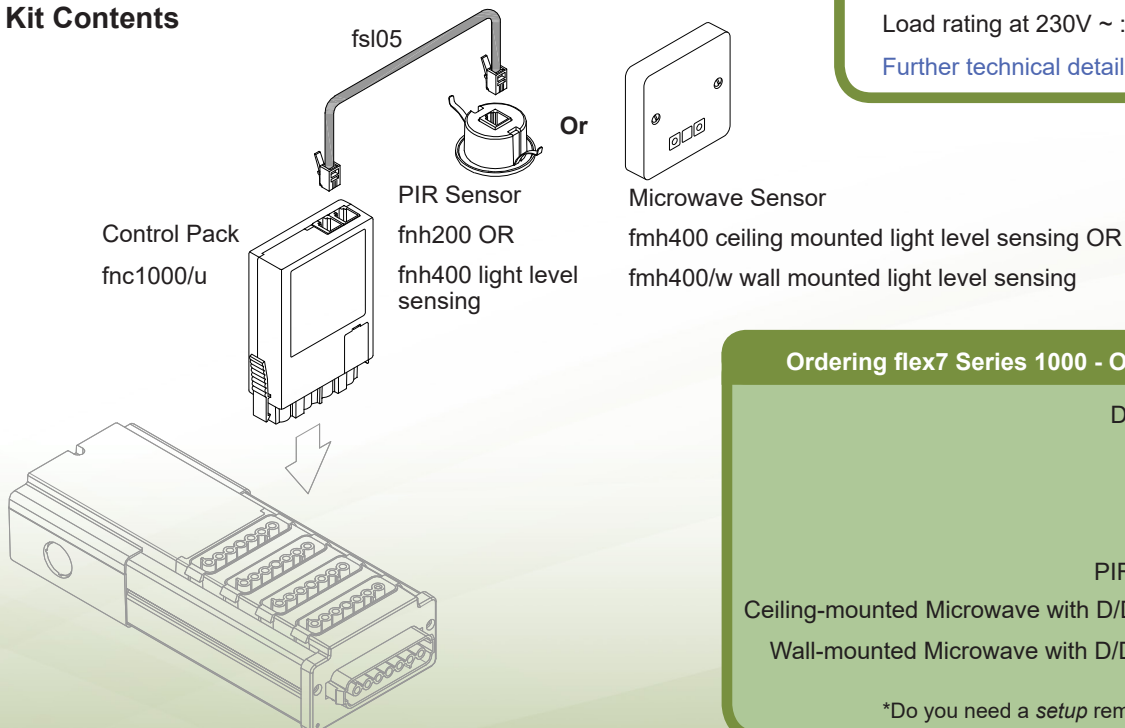
Technical Details

Control Pack Supply voltage: 230V~ 50hz

Load rating at 230V ~ : 6A max

[Further technical details - Page 65](#)

Kit Contents



Ordering flex7 Series 1000 - Occupancy Sensor Kits

D/D = Daylight dependency

200 PIR without D/D

400 PIR with D/D

PIR fns1

Ceiling-mounted Microwave with D/D fms1400

Wall-mounted Microwave with D/D fms/w/1400

*Do you need a *setup* remote control? See above

Series 1000 (Non-dimming) Universal Sensor - Kits

Adding a Switch Drop to an Occupancy Sensor Kit provides another level of control, and with it the option to configure the sensor as either occupancy or absence - configured simply by the choice of switch and the way it is terminated.

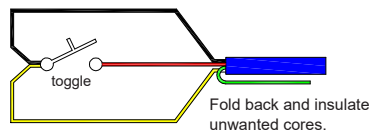
Universal Sensor Kits are available with or without daylight dependency.

For details relating to detection range see page 45 and 47. For use of Slave PIRs or Remote Controls please refer to Occupancy Sensor Kits (see previous page).



Absence

Requires a 1-way retractive switch



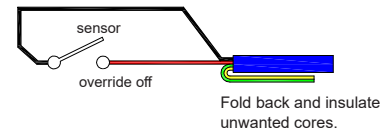
Operation:

Lights do not turn on automatically with presence but instead need to be switched on. Choose to switch them off again or, if left on, will switch off after absence has been detected for a period equal to its programmed timeout

*Note: we do not recommend configuring the daylight dependent version for absence type control.

Occupancy (with override off)

Requires a 1-way latched switch



Operation:

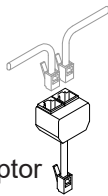
While the switch is open (sensor position), lights will switch on when presence is detected, and off after absence has been detected for a period equal to its programmed timeout.

While the switch is closed (override off position) - the lights are off permanently.

In the daylight dependent version, during normal periods of occupancy, the lights will switch off whenever there is adequate daylight.

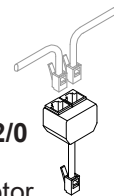
Retractive switching is ideal for multiple switch points. Just plug in any additional switch drop/s alongside the existing using our standard 'Y' adaptors.

fsy/a
'Y' adaptor

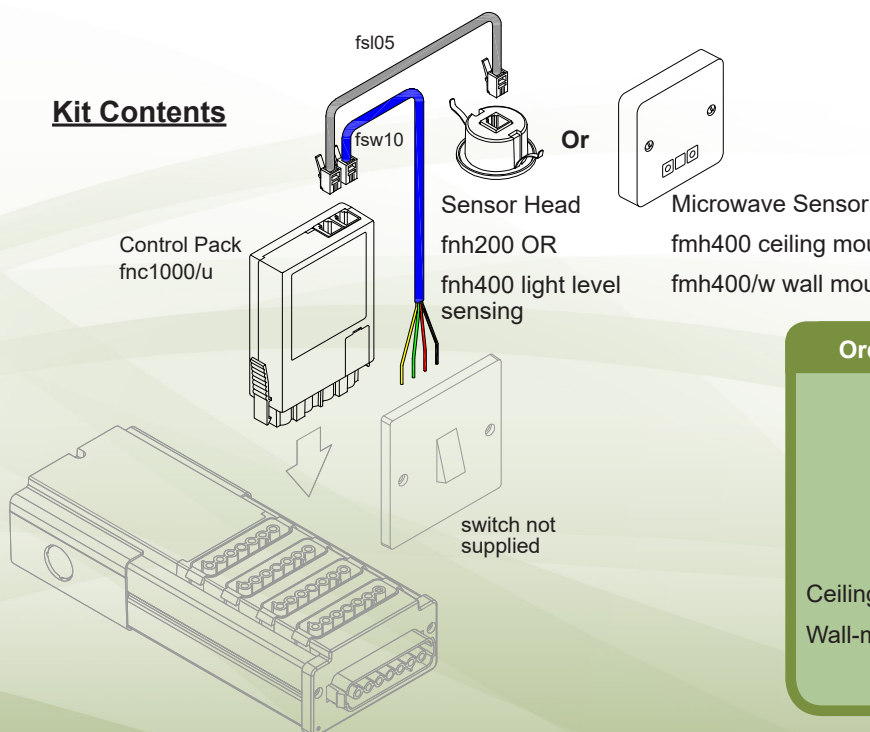


A special adaptor is available for traditional latched 2-way switching of override off. Special switch wiring instructions are included with the adaptor.

fsy/2e/2/0
special
'Y' adaptor



Kit Contents



Technical Details

Control Pack Supply voltage: 230V~ 50hz
Load rating at 230V ~ : 6A max
[Further technical details - page 65](#)

Ordering flex7 Series 1000 - Universal Sensor Kits

D/D = Daylight dependency

200 without D/D
400 with D/D

fns1 [] /u

Ceiling-mounted Microwave with D/D

fms1400/U

Wall-mounted Microwave with D/D

fms/w/1400/U

*Do you need a *setup* remote control? See previous page

Series 1000 (Non-dimming) Switch - Kits

Benefits of using a Series 1000 Switch Kit instead of traditional mains switching?

- **Versatility**

Retractive switching is ideal for multiple switch points, and as leads simply plug-in, you can add more switch drops at any stage, even adding occupancy or light level sensing.

- **Cost**

Apart from terminating the switch, everything else plugs together saving valuable installation time. Also compared to the cost of traditional mains cable, our switch drops can often prove to be a more cost effective alternative.

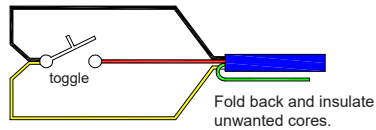
- **Safety**

All flex7 controls operate at PELV (protected extra low voltage) so using our switch drops, unlike mains switching, means that cables can be set at any depth within the wall, will not require enclosing in an earthed metallic covering, nor will the circuit require the added protection of an RCD for that purpose. (see IET Wiring Regulations 17th Edition BS7671: 2008 incorporating Amendment No 3:2015).



Retractive

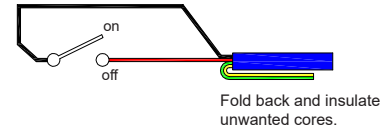
Requires a 1-way retractive switch



Operation: Toggle light on/off

Latched

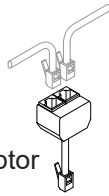
Requires a 1-way latched switch



Operation: Latch light on/off

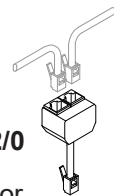
Retractive switching is ideal for multiple switch points. Just plug in any additional switch drop/s alongside the existing using our standard 'Y' adaptors.

fsy/a
'Y'adaptor



A special adaptor is available for 2-way traditional latched switching of override off. Special switch wiring instructions are included with the adaptor.

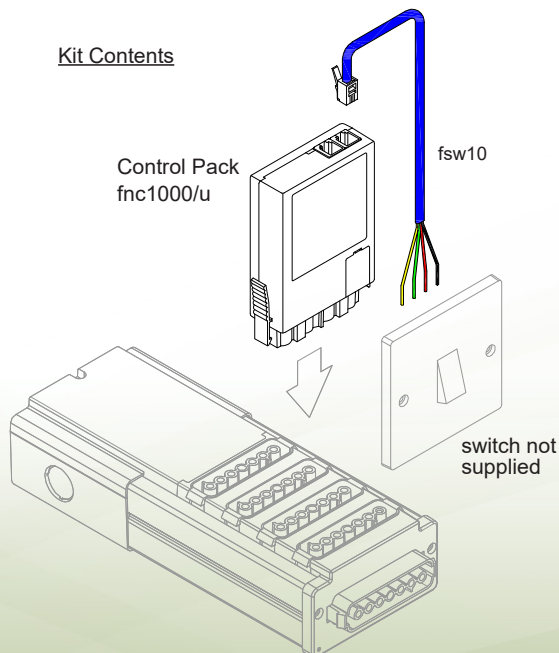
fsy/2e/2/0
special
'Y'adaptor



Technical Details

Control Pack Supply voltage: 230V~ 50hz
Load rating at 230V ~ : 6A max
[Further technical details - page 65](#)

Kit Contents



Ordering flex7 Series 1000-Switch Kits

Switch - kit fns1000/u