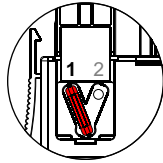
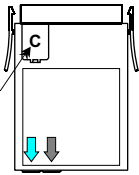


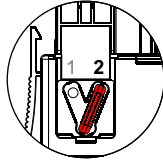
Configuring the controller and wiring the connection unit

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 in option A. See below for details.



Link in position 2

Lights will switch OFF during an emergency test. Wire connection unit as shown in option A or B. See below for details.

Rating

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

Load

Fluorescent & Incandescent Lighting : 6A

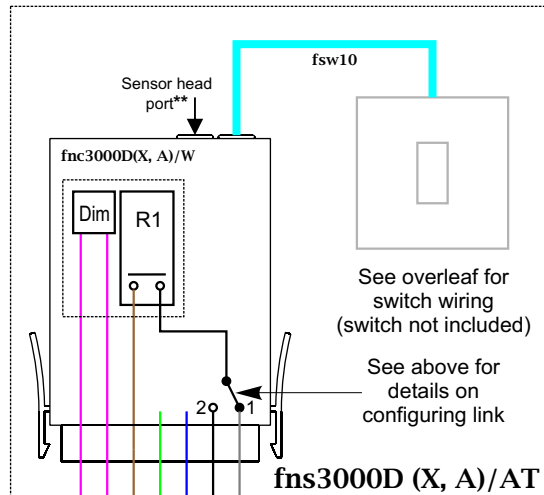
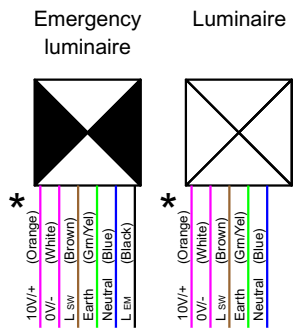
Compact Ffluorescent Lighting : 3A

Product	Control Type	Max. no. of Ballast
fns3000D	DSI Digital	25
fns3000X	DALI Digital	25

** Provision to add an occupancy sensor head (Fnh200 or fnh400)

Wiring diagram

* Core colours if using 5 & 6-core flex7 pre-wired plug and leads



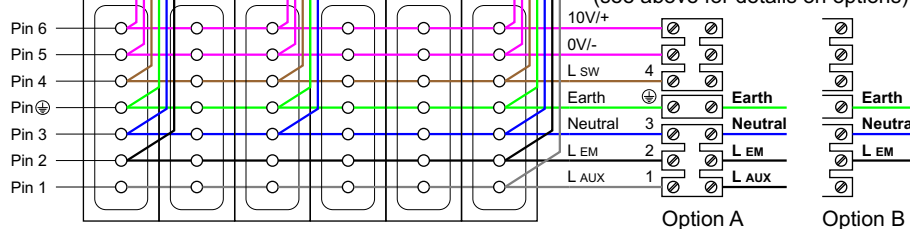
See overleaf for switch wiring (switch not included)

See above for details on configuring link

fns3000D (X, A)/AT

Connection unit

(see above for details on options)



fns3000D(X, A)/AT Dimming Switch Kit

H

The fns3000D(X, A)/AT dimmer switch kit plugs directly into any of the flex7 7-pole range of connection units or a 7-pole single socket outlet to provide: Manual dimming using a 1-way retractive switch (not supplied) operating at ELV. The kit comprises a controller and a switch drop lead.

Three products are available:

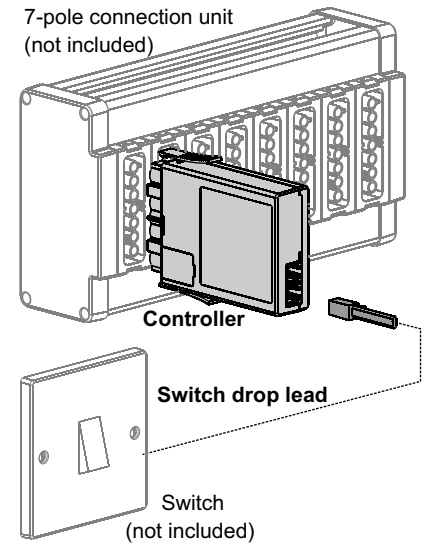
fns3000D/AT for DSI digital dimmable ballasts.

fns3000X/AT for DALI digital dimmable ballasts.

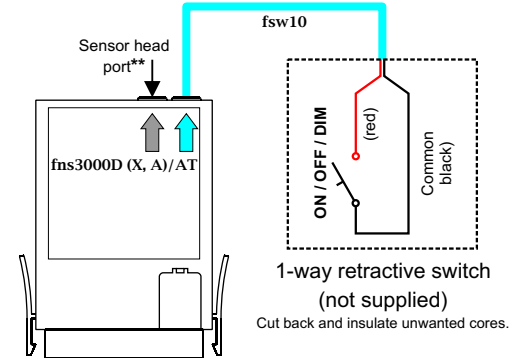
fns3000A/AT for Analogue ballasts 0-10V.

Please ensure the correct product is selected for the type of ballast being used as incorrect connection may damage the controller.

This product should only be installed by a qualified electrician.



Switch Wiring



Retractive Switch

Note: Multiple switch inputs can be connected in parallel. For each additional switch you require:

- 1 x fsy/a 'Y' adaptor.
- 1 x fswXX Switch drop lead.

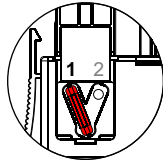
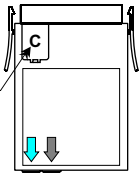
Operation:

Switch control:

- A short pulse (<0.5 secs) - toggles the lights ON or OFF (when turning ON, lights adopt the last dimmed level).
- A long pulse (>0.5 secs) - alternates from brightening the light to dimming the light with each consecutive long pulse. Lights can only dim down to the minimum operating range of the ballast.
- A prolonged pulse (>15 secs) - synchronizes the lights to OFF.

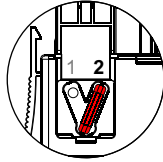
Configuring the controller and wiring the connection unit

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 in option A. See below for details.



Link in position 2

Lights will switch OFF during an emergency test. Wire connection unit as shown in option A or B. See below for details.

Rating

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

Load

Fluorescent & Incandescent Lighting : 6A

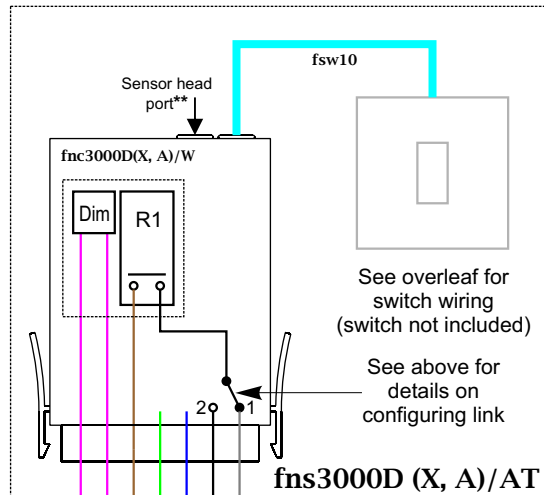
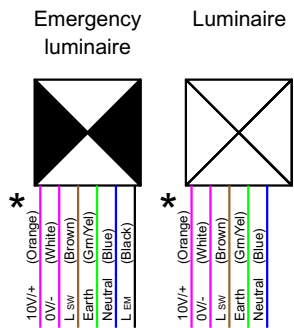
Compact Ffluorescent Lighting : 3A

Product	Control Type	Max. no. of Ballast
fns3000D	DSI Digital	25
fns3000X	DALI Digital	25

** Provision to add an occupancy sensor head (Fnh200 or fnh400)

Wiring diagram

* Core colours if using 5 & 6-core flex7 pre-wired plug and leads

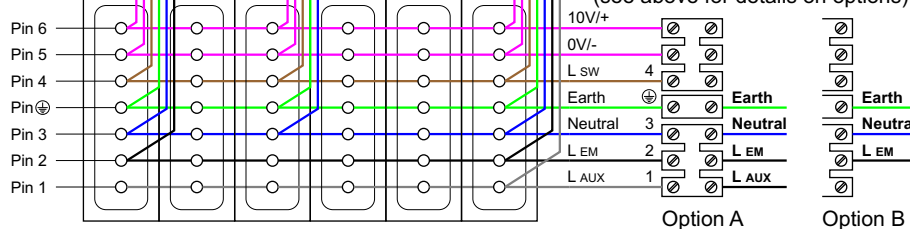


See overleaf for switch wiring (switch not included)

See above for details on configuring link

Connection unit

(see above for details on options)



fns3000D(X, A)/AT Dimming Switch Kit

H

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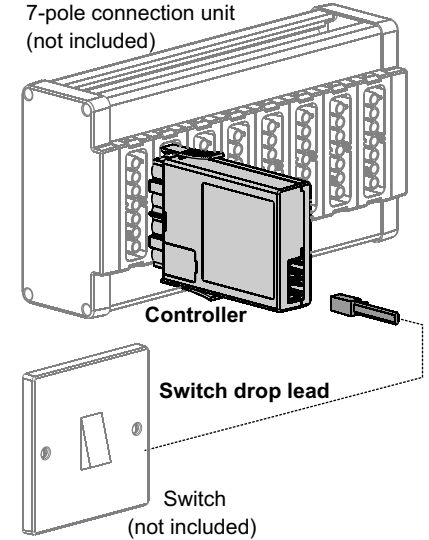
fns3000D/AT for DSI digital dimmable ballasts.

fns3000X/AT for DALI digital dimmable ballasts.

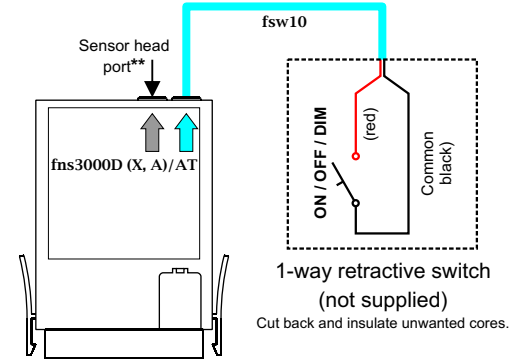
fns3000A/AT for Analogue ballasts 0-10V.

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Switch Wiring



Retractive Switch

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- 1 x fswXX Switch drop lead.

Operation:

Switch control:

- A short pulse (<0.5 secs) - toggles the lights ON or OFF (when turning ON, lights adopt the last dimmed level).
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