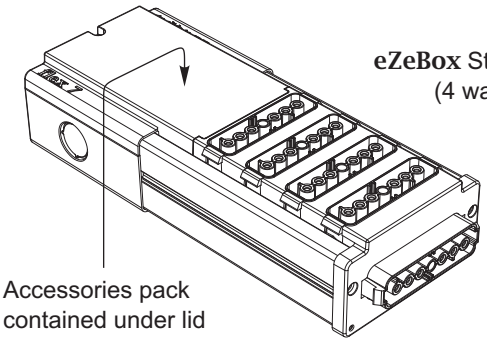
# Installing an eZeBox Starter Unit

## Supplied Parts



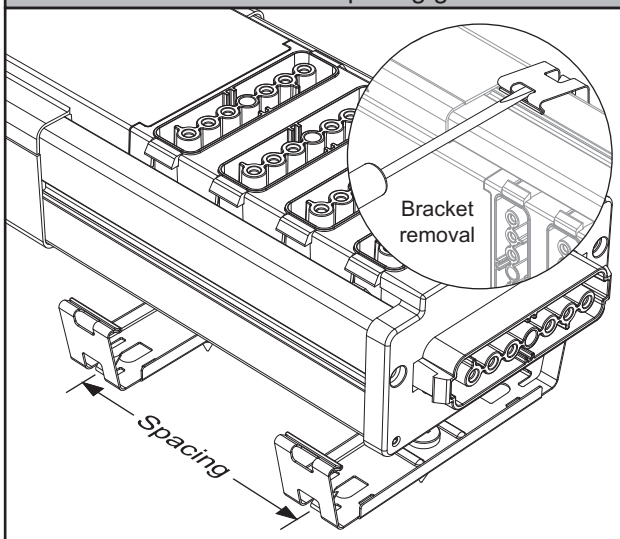
**eZeBox** Starter Unit (4 way shown) x1

Accessories pack contained under lid

x1 x4 x2 x1 x2

Current & Voltage rating : 16A, 230V AC
Knock-outs : 20mm (x4) & 25mm (x1)

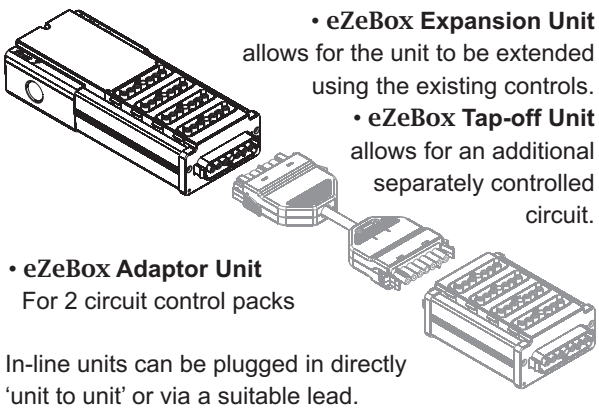
## Table 1: bracket spacing guide




| Outlets | Spacing /mm |
|---|---|
| 2 way | 45 ± 5 |
| 4 way | 90 ± 10 |
| 6 way | 140 ± 10 |
| 8 way | 190 ± 10 |
| 10 way | 240 ± 10 |
| 12 way | 290 ± 10 |

## Optional Extras

If the end socket is reserved the **eZeBox** Starter Unit can be expanded at any time. By connecting an:



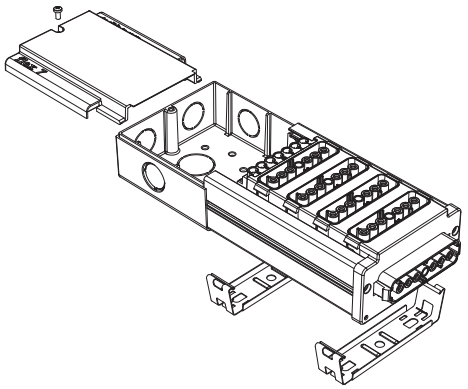
• **eZeBox Expansion Unit** allows for the unit to be extended using the existing controls.

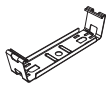
• **eZeBox Tap-off Unit** allows for an additional separately controlled circuit.

• **eZeBox Adaptor Unit** For 2 circuit control packs

In-line units can be plugged in directly 'unit to unit' or via a suitable lead.

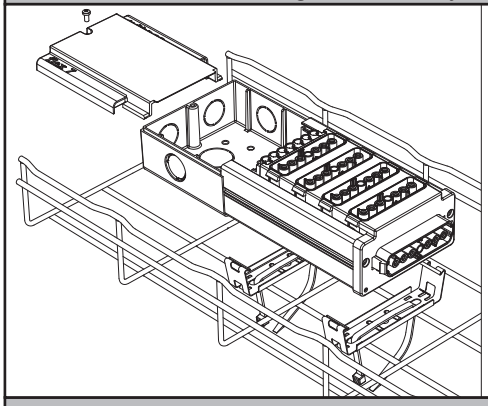
## Fixing to solid surface

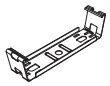


2x 

- At the appropriate spacings (see Table 1) secure each bracket to the surface with a single screw (not supplied).
- Prior to snapping-in the **eZeBox** unit, remove appropriate knock-outs for cable/conduit entry.
- Clip the **eZeBox** unit securely into the fixing brackets.

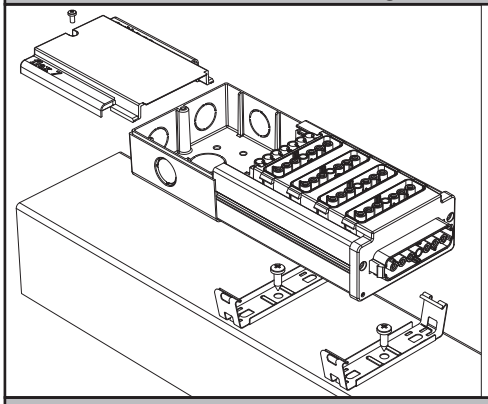
## Fixing to cable tray / wire basket

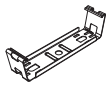


2x  2x 

- At the appropriate spacings (see Table 1) secure each bracket using tie wraps.
- Prior to snapping-in the **eZeBox** unit, remove appropriate knock-outs for cable/conduit entry.
- Clip the **eZeBox** unit securely into the fixing brackets.

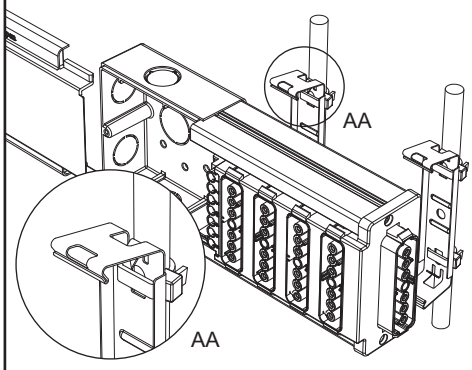
## Fixing to trunking

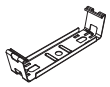


2x  2x 

- At the appropriate spacings (see Table 1) secure each bracket using fixings supplied.
- Prior to snapping-in the **eZeBox** unit, remove appropriate knock-outs for the cable/conduit entry.
- Clip the **eZeBox** unit securely into the fixing brackets.

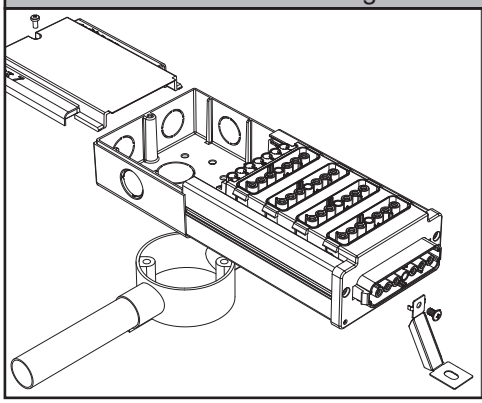
## Fixing to drop rods




2x  4x 

- Ensure drop rods are pitched at the appropriate spacings (see Table 1) and secure each bracket to a drop rod using two tie wraps for each drop rod.
- Prior to snapping-in the **eZeBox** unit, remove the appropriate knock-outs for cable/conduit entry.
- Clip the **eZeBox** unit securely into the fixing brackets.

## Fixing to conduit box

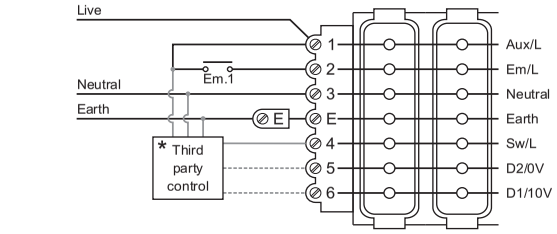
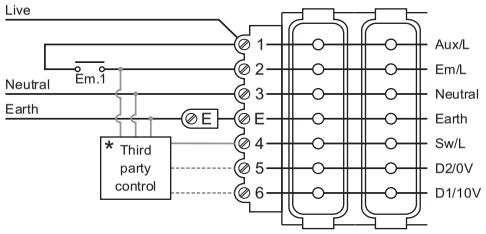
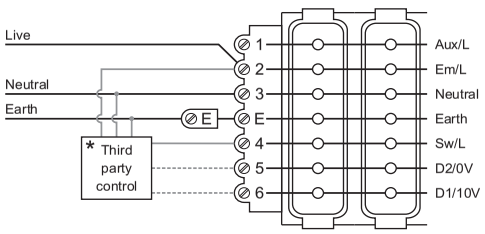
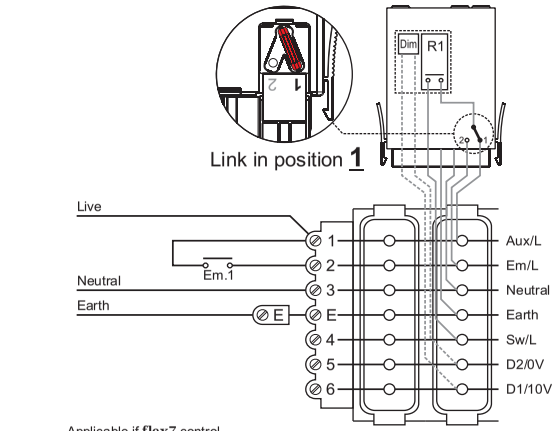
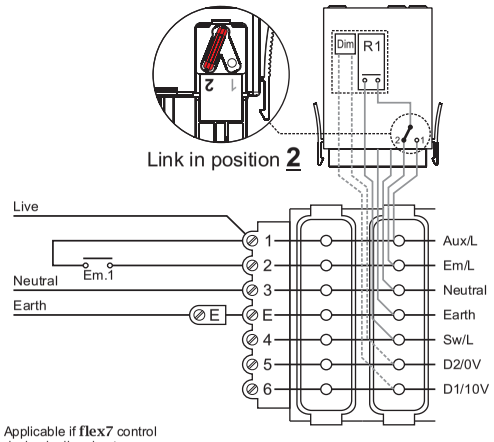
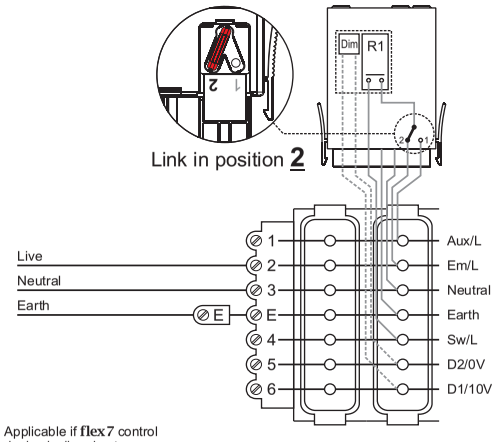
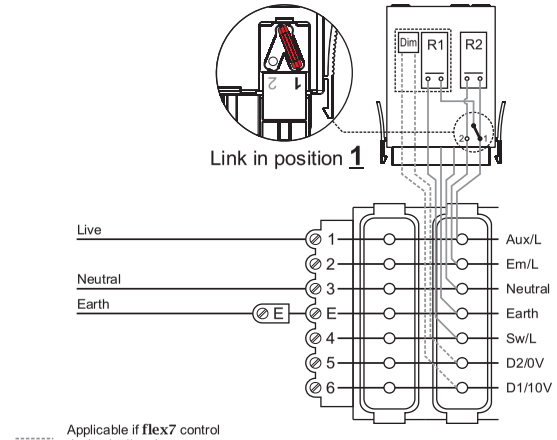
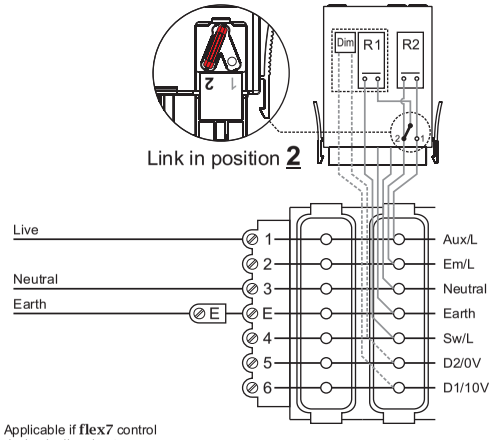


1x  1x 

- Remove knock-out on base of wiring box for cable entry.
- Locate and secure the **eZeBox** unit onto the conduit box, break through the appropriate holes for the screw, (not supplied).
- Anchor other end of the **eZeBox** unit, by bending and fixing the support bracket.

# Wiring Options for the eZeBox Starter Units

Leaflet number: 22/039/01_19/12/2011

| **eZeBox** wiring diagram | With local emergency test where non-emergency fittings can remain **ON** during an emergency test. | With local emergency test where non-emergency fittings will switch **OFF** during an emergency test. | Where there is no emergency circuit or the emergency test is remote. |
|---|---|---|---|
| Hard-Wired with third party lighting control device. |  Applicable if third party control has dimming output |  Applicable if third party control has dimming output |  Applicable if third party control has dimming output |
| Using a **flex 7** plug-in lighting control device.<br><br>**Compatible Controllers:**<br>**Dimming**<br>fnc3000 fns3000<br>fnc3000/-- fns3400<br>fnc4000 fns3400/--<br>fnc4000/--<br>**Non-dimming**<br>fnc1000 fns1000<br>fnc1000/-- fns1200<br>fnc2000 fns1400<br>fnc2000/-- fns1200/--<br>fnv100 fns1400/-- |  Applicable if **flex7** control device is dimming type |  Applicable if **flex7** control device is dimming type |  Applicable if **flex7** control device is dimming type |
| Using a **flex 7** plug-in lighting control device with integrated emergency test.<br><br>**Compatible Controllers:**<br>**Dimming**<br>fnc4000/E<br>fnc4000/--/E<br><br>**Non-dimming**<br>fnc2000/E<br>fnc2000/--/E |  Applicable if **flex7** control device is dimming type |  Applicable if **flex7** control device is dimming type | **Warning: 230V AC**<br>This product should be installed and maintained in accordance with: BS 7671:2008 Requirements for Electrical Installations (IEE Wiring Regulations 17th Edition.) |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**eZeBox** connection units have been designed and extensively tested for use with the **flex 7** control range of sensors. Flex Connectors cannot guarantee compatibility with third party sensor products and cannot be held responsible for any deviance from expected performance that may arise as a result. Flex Connectors are happy to provide support where possible to ensure compatibility and compliance with British Standards. * **Caution:** Wiring shown for third party control is indicative only. Refer to third party information.