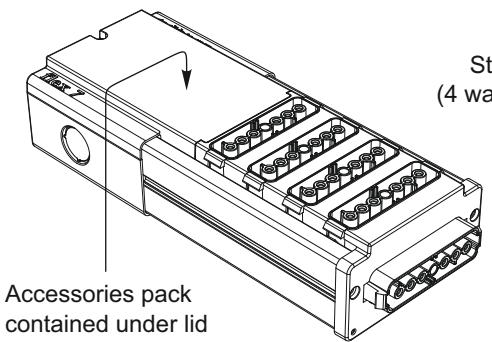


# Installing a flex7 Starter Unit

## Supplied Parts

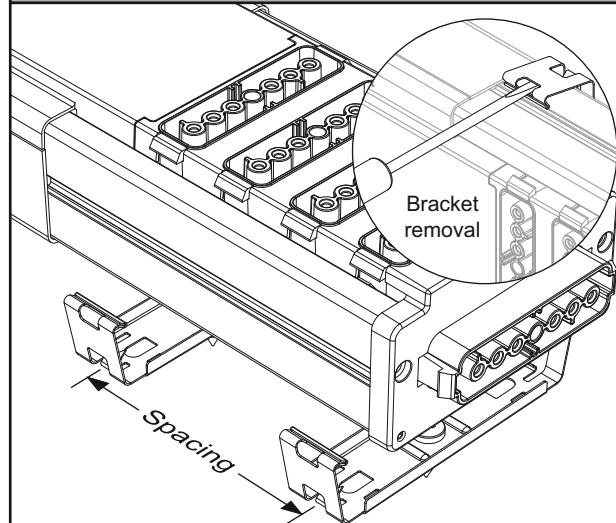


Starter Unit  
(4 way shown)  
x1



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

Table 1: bracket spacing guide



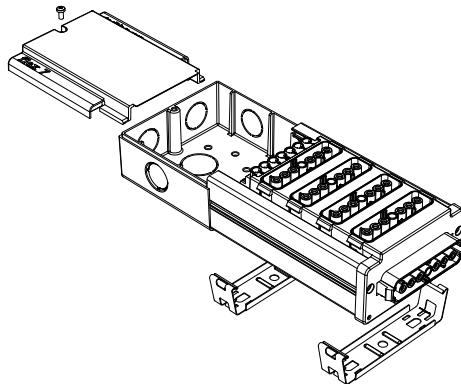
Outlets	Spacing /mm
2 way	45 ± 5
4 way	90 ± 10
6 way	140 ± 10
8 way	190 ± 10
10 way	240 ± 10
12 way	290 ± 10

## Optional Extras

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

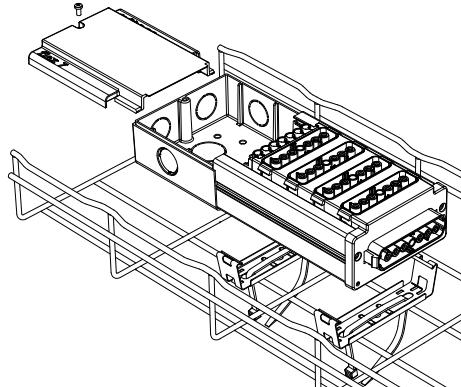
- Expansion Unit allows for the unit to be extended using the existing controls.
- Tap-off Unit allows for an additional separately controlled circuit.
- Adaptor Unit for 2 circuit control packs
- In-line units can be plugged in directly 'unit to unit' or via a suitable lead

## Fixing to solid surface



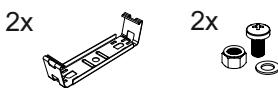
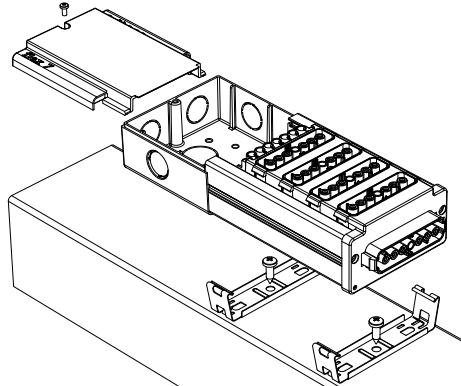
- At the appropriate spacings (see Table 1) secure each bracket to the surface with a single screw (not supplied).
- Prior to snapping-in the unit, remove appropriate knock-outs for cable/conduit entry.
- Clip the unit securely into the fixing brackets.

## Fixing to cable tray / wire basket



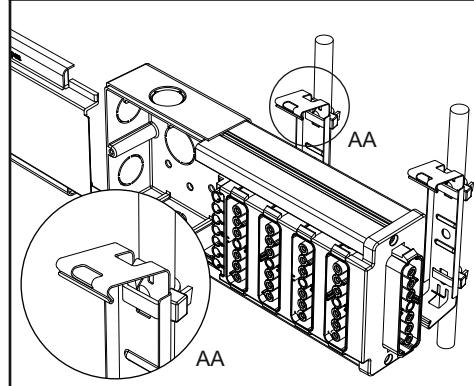
- At the appropriate spacings (see Table 1) secure each bracket.
- Prior to snapping-in the unit, remove appropriate knock-outs for cable/conduit entry.
- Clip the unit securely into the fixing brackets.
- Ensure compliance with BS 7671 Reg. 521.10.202

## Fixing to trunking



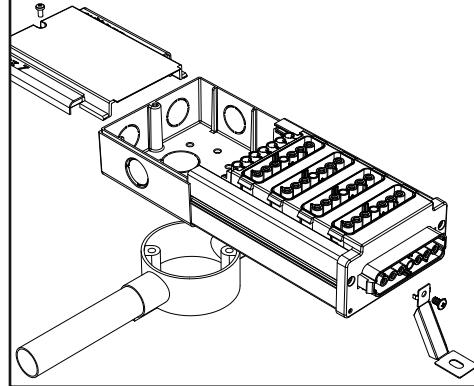
- At the appropriate spacings (see Table 1) secure each bracket using fixings supplied.
- Prior to snapping-in the unit, remove appropriate knock-outs for the cable/conduit entry.
- Clip the unit securely into the fixing brackets.

## Fixing to drop rods



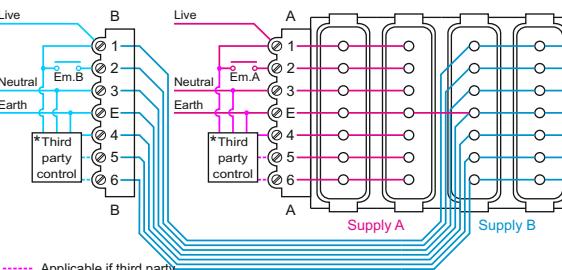
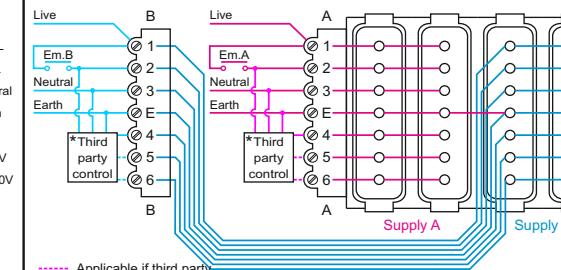
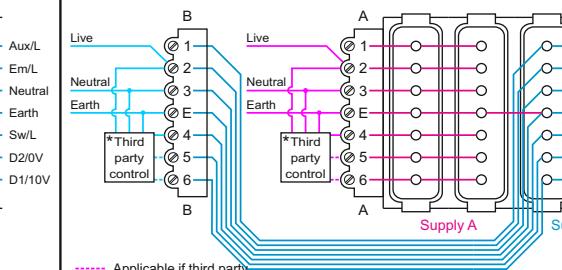
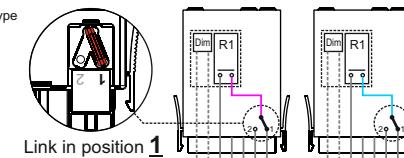
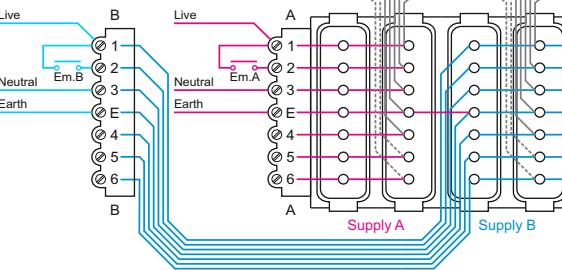
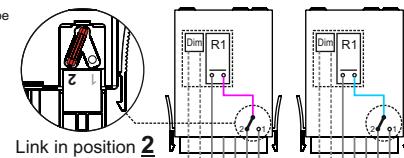
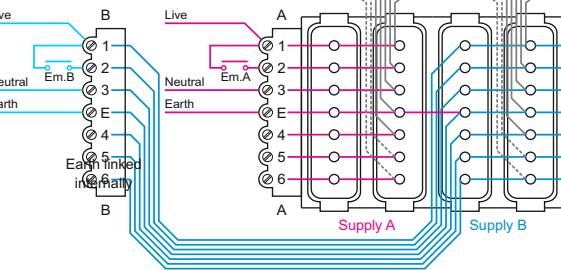
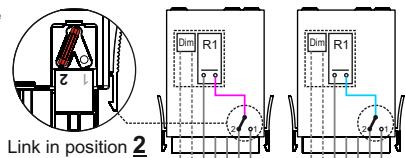
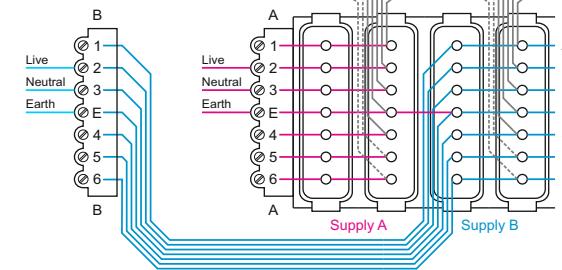
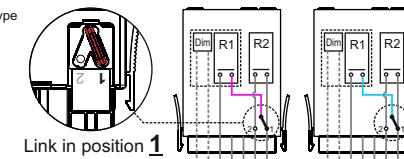
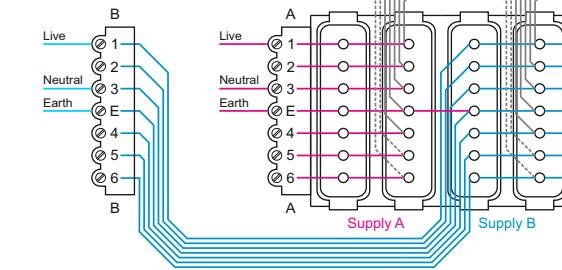
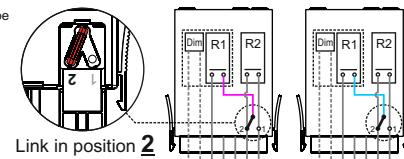
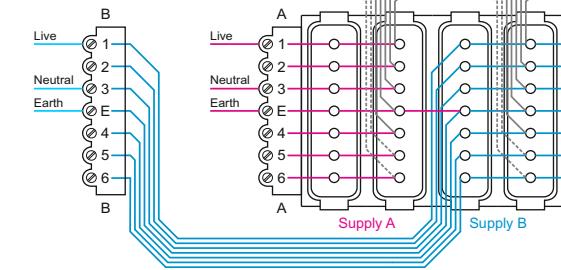
- Ensure drop rods are pitched at the appropriate spacings (see Table 1) and secure each bracket to the a drop rod.
- Prior to snapping-in the unit, remove the appropriate knock-outs for cable/conduit entry.
- Clip the unit securely into the fixing brackets.
- Ensure compliance with BS 7671 Reg. 521.10.202

## Fixing to conduit box



- Remove knock-out on base of wiring box for cable entry.
- Locate and secure the unit onto the conduit box, break through the appropriate holes.
- Anchor other end of the unit, by bending and fixing the support bracket.

# Wiring Options for the Dual Supply Starter Unit

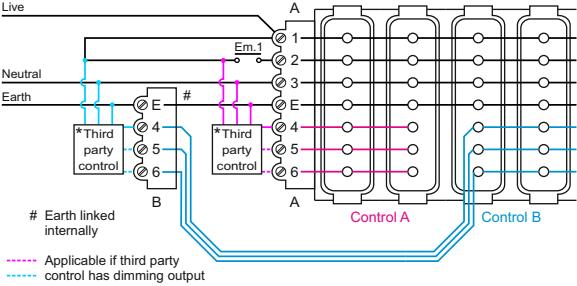
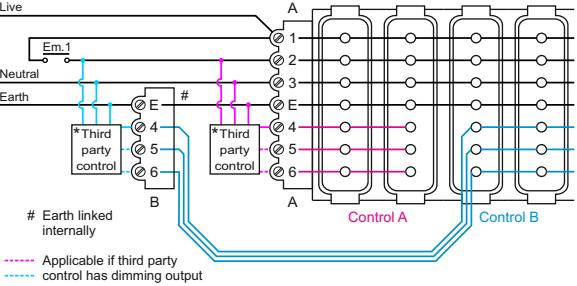
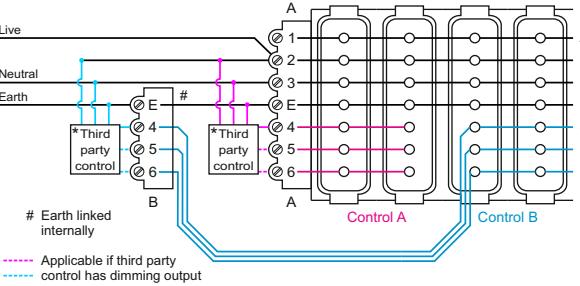
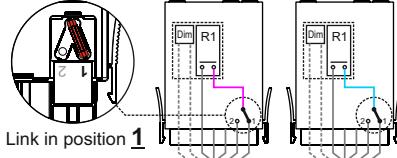
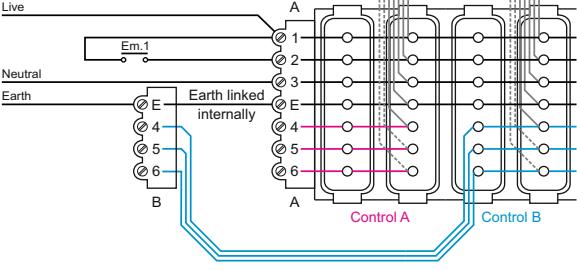
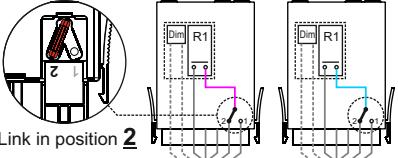
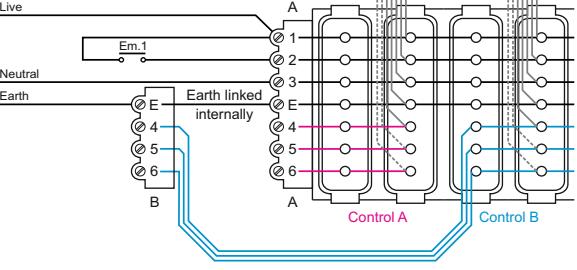
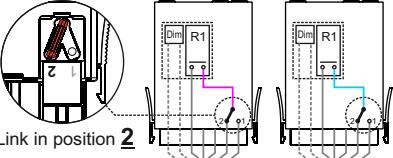
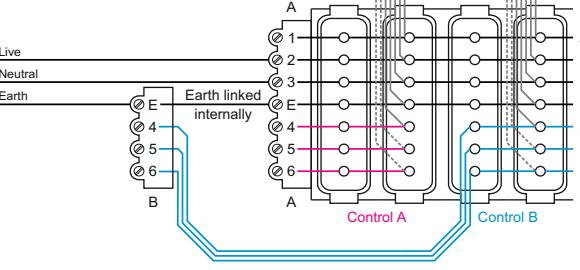
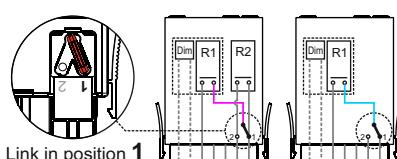
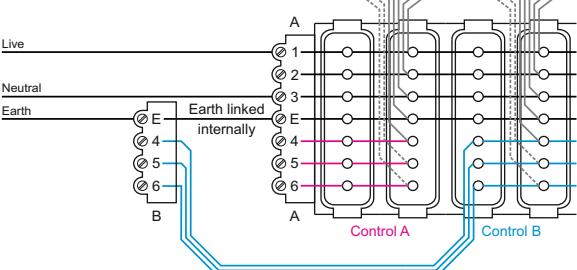
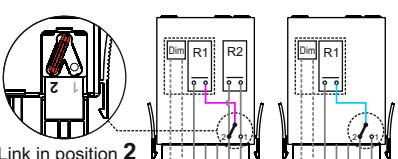
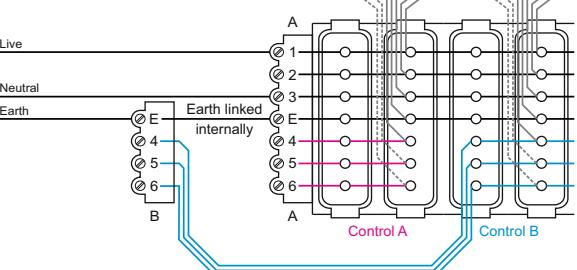
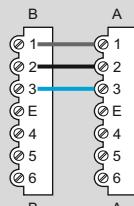
Wiring diagram	With local emergency test where non-emergency fittings can remain <b>ON</b> during an emergency test.	With local emergency test where non-emergency fittings will switch <b>OFF</b> during an emergency test.	Where there is no emergency circuit or the emergency test is remote.
Hard-Wired with third party lighting control device.	 <p>Applicable if third party control has dimming output</p>	 <p>Applicable if third party control has dimming output</p>	 <p>Applicable if third party control has dimming output</p>
Using a flex7 plug-in lighting control device.	<p>Applicable if control device is dimming type</p>  <p>Link in position 1</p> 	<p>Applicable if control device is dimming type</p>  <p>Link in position 2</p> 	<p>Applicable if control device is dimming type</p>  <p>Link in position 2</p> 
Using a flex7 plug-in lighting control device with integrated emergency test.	<p>Applicable if control device is dimming type</p> <p>Note: Only one control device needs to have the integrated EM test</p>  <p>Link in position 1</p> 	<p>Applicable if control device is dimming type</p> <p>Note: Only one control device needs to have the integrated EM test</p>  <p>Link in position 2</p> 	

Warning: 230V AC

This product must be installed by a qualified electrician.

Connection units have been designed and extensively tested for use with the flex7 control range of sensors. flex7 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. flex7 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.

# Wiring Options for the Dual Control Starter Unit (See DUAL CONTROL CONFIGURATION below)

Wiring diagram	With local emergency test where non-emergency fittings can remain <b>ON</b> during an emergency test.	With local emergency test where non-emergency fittings will switch <b>OFF</b> during an emergency test.	Where there is no emergency circuit or the emergency test is remote.
Hard-Wired with third party lighting control device.			
Using a flex7 plug-in lighting control device.	<p>Applicable if control device is dimming type</p>  <p>Link in position 1</p> 	<p>Applicable if control device is dimming type</p>  <p>Link in position 2</p> 	<p>Applicable if control device is dimming type</p>  <p>Link in position 2</p> 
Using a flex7 plug-in lighting control device with integrated emergency test.	<p>Applicable if control device is dimming type</p> <p>Note: Only one control device needs to have the integrated EM test</p>  <p>Link in position 1</p> 	<p>Applicable if control device is dimming type</p> <p>Note: Only one control device needs to have the integrated EM test</p>  <p>Link in position 2</p> 	<p><b>DUAL CONTROL CONFIGURATION</b></p> <p>To configure this starter unit as a dual control unit, fit the 3x terminal link wires provided, to the terminals as shown in this diagram.</p> 

Warning: 230V AC

This product must be installed by a qualified electrician.

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**Compliance**

:2014/35/EU



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