

Installing a flex7 Starter Unit

Supplied Parts

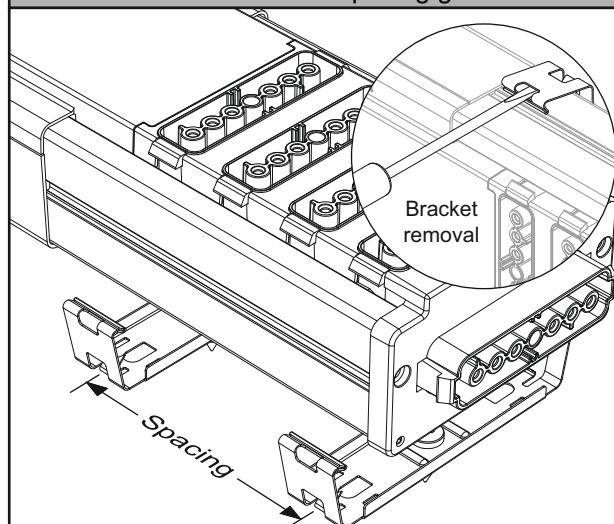
Starter Unit
(4 way shown)
x1

Accessories pack
contained under lid



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

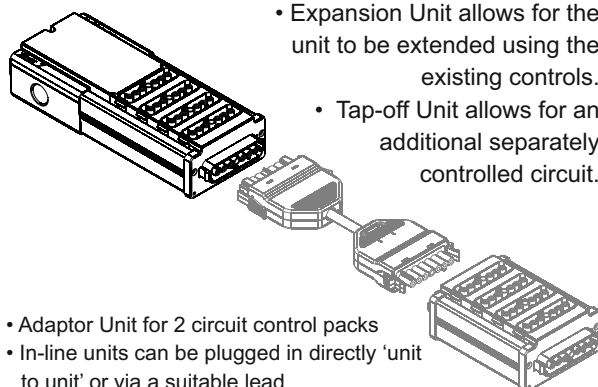
Table 1: bracket spacing guide



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

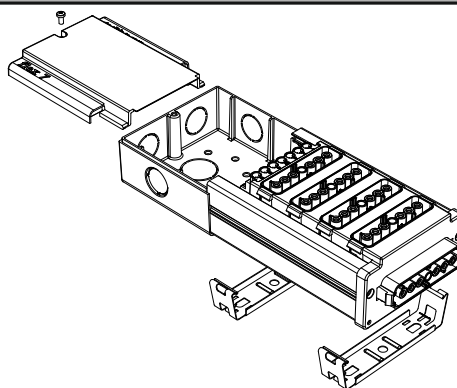
If the end socket is reserved the Starter Unit can be expanded at any time. By connecting an:



- Expansion Unit allows for the unit to be extended using the existing controls.
- Tap-off Unit allows for an additional separately controlled circuit.

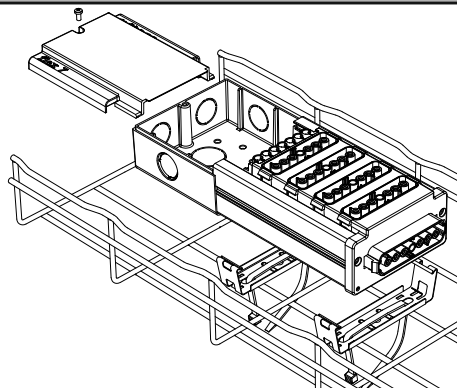
- Adaptor Unit for 2 circuit control packs
- In-line units can be plugged in directly 'unit to unit' or via a suitable lead

Fixing to solid surface



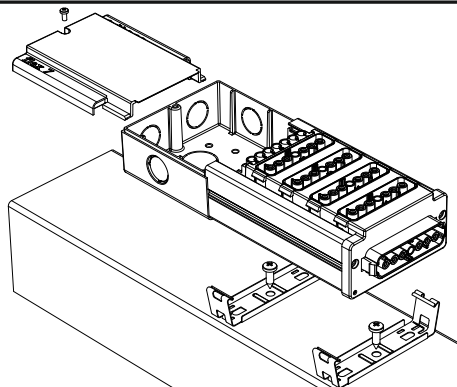
- At the appropriate spacings (see Table 1) secure each bracket to the surface with a single screw (not supplied).
- Prior to snapping-in the unit, remove appropriate knock-outs for cable/conduit entry.
- Clip the unit securely into the fixing brackets.

Fixing to cable tray / wire basket



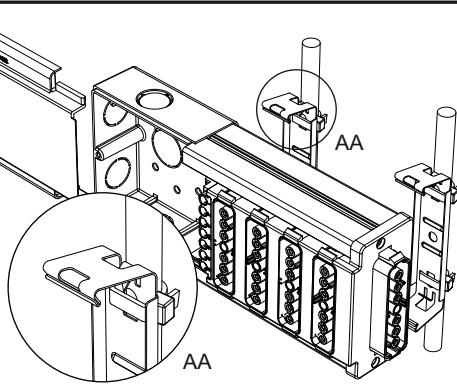
- At the appropriate spacings (see Table 1) secure each bracket.
- Prior to snapping-in the unit, remove appropriate knock-outs for cable/conduit entry.
- Clip the unit securely into the fixing brackets.
- Ensure compliance with BS 7671 Reg. 521.10.202

Fixing to trunking



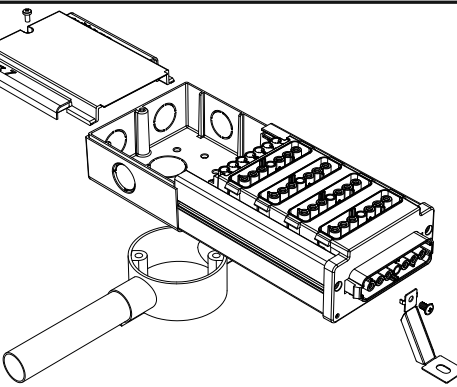
- At the appropriate spacings (see Table 1) secure each bracket using fixings supplied.
- Prior to snapping-in the unit, remove appropriate knock-outs for the cable/conduit entry.
- Clip the unit securely into the fixing brackets.

Fixing to drop rods



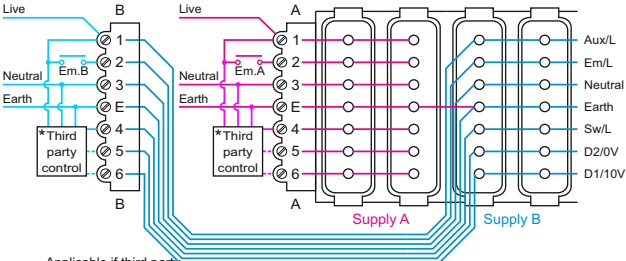
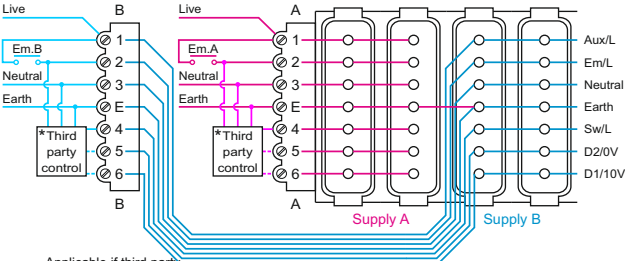
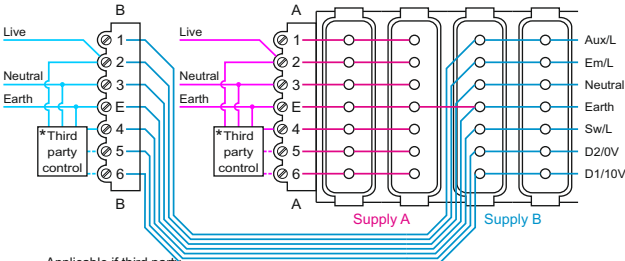
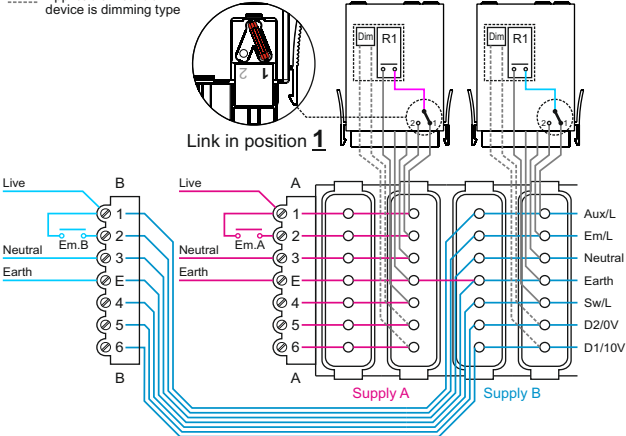
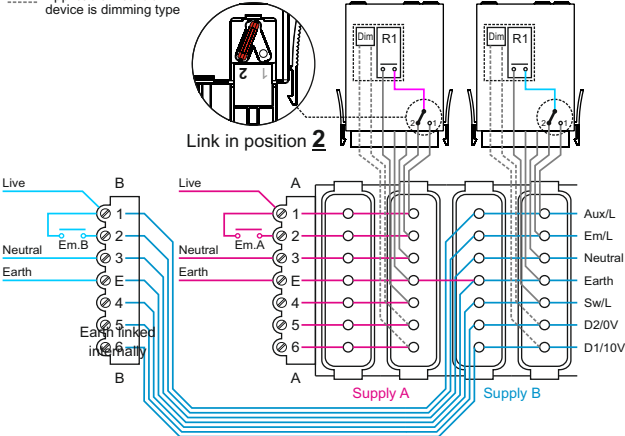
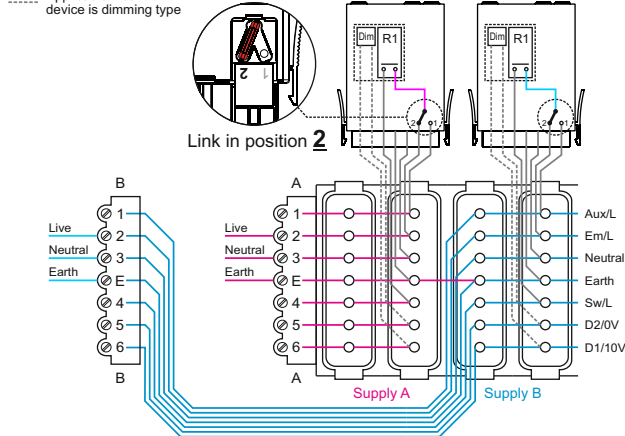
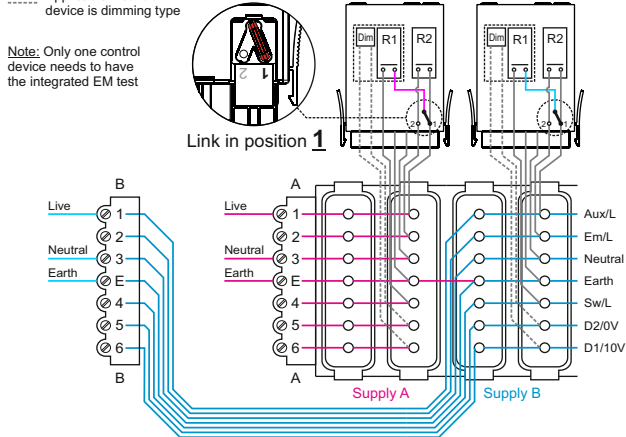
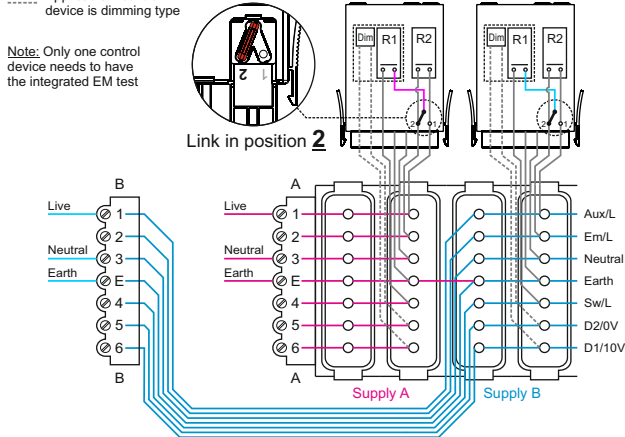
- Ensure drop rods are pitched at the appropriate spacings (see Table 1) and secure each bracket to the a drop rod.
- Prior to snapping-in the unit, remove the appropriate knock-outs for cable/conduit entry.
- Clip the unit securely into the fixing brackets.
- Ensure compliance with BS 7671 Reg. 521.10.202

Fixing to conduit box

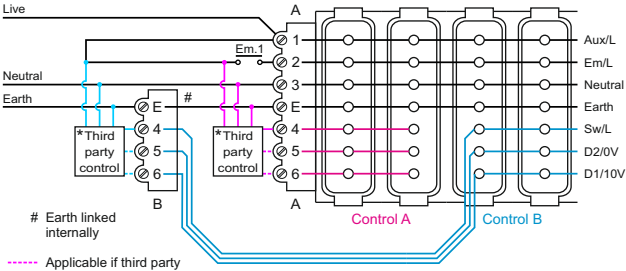
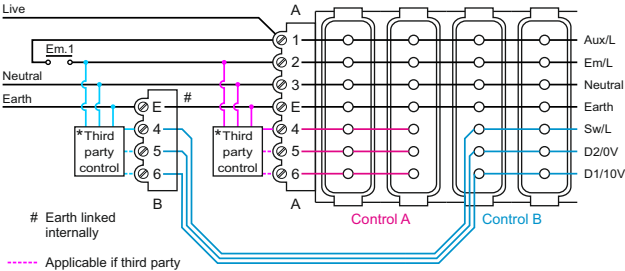
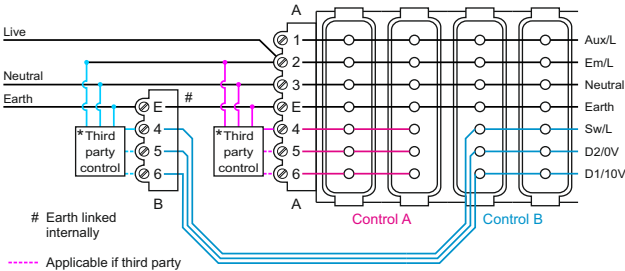
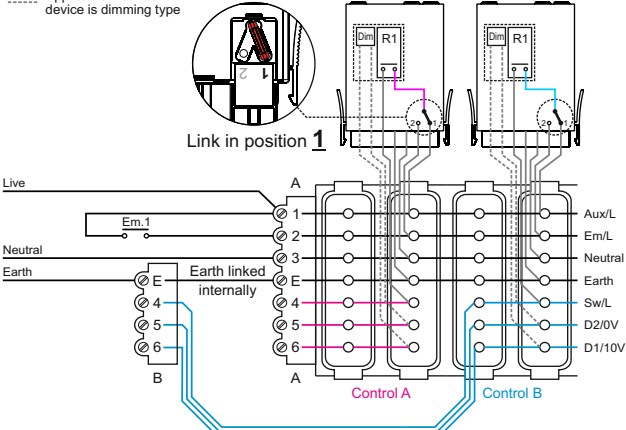
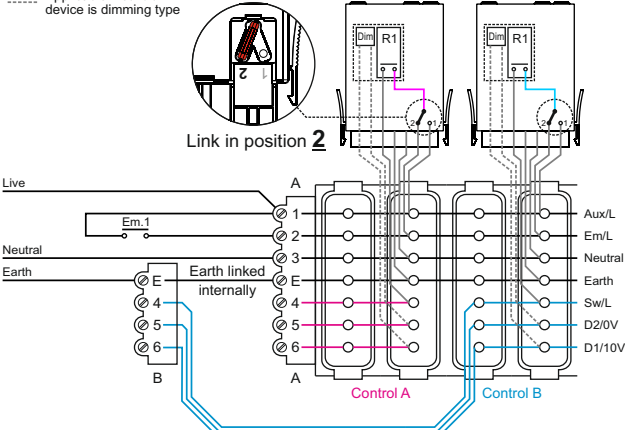
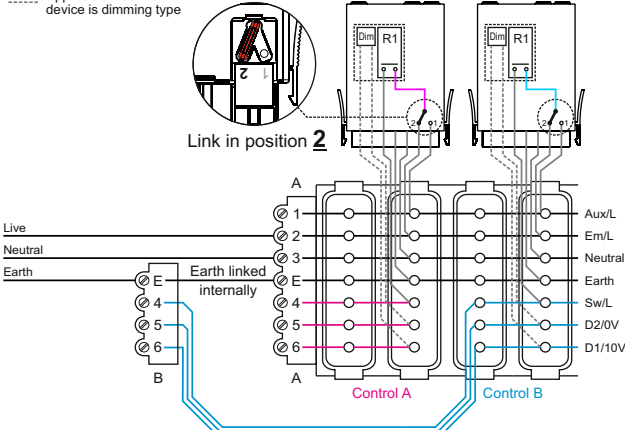
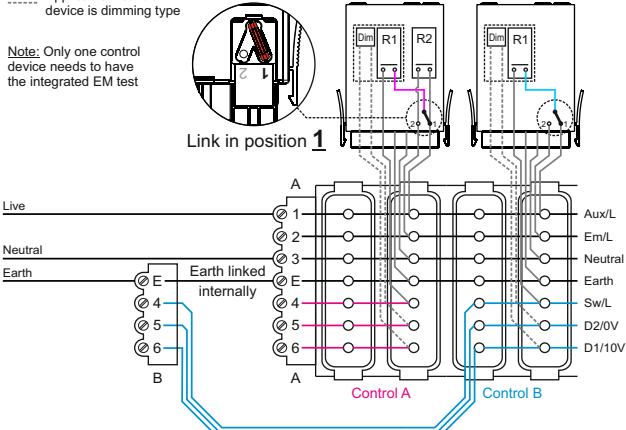
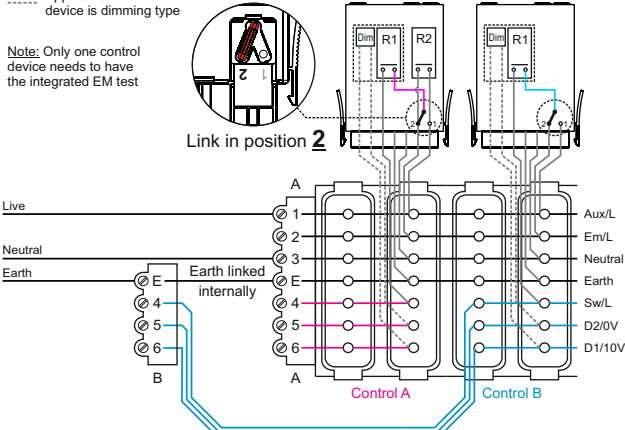
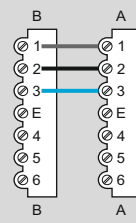


- Remove knock-out on base of wiring box for cable entry.
- Locate and secure the unit onto the conduit box, break through the appropriate holes.
- Anchor other end of the unit, by bending and fixing the support bracket.

Wiring Options for the Dual Supply Starter Unit

Wiring diagram	With local emergency test where non-emergency fittings can remain 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.
<p>Hard-Wired with third party lighting control device.</p>	 <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>
<p>Using a flex7 plug-in lighting control device.</p> <p>Compatible Controllers: Dimming fnc3000 fns3000 fnc3000/-- fns3400 fnc4000 fns3400/-- fnc4000/--</p> <p>Non-dimming fnc1000 fns1000 fnc1000/-- fnc2000 fns1400 fnc2000/-- fns100 fns1400/--</p>	<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> 
<p>Using a flex7 plug-in lighting control device with integrated emergency test.</p> <p>Compatible Controllers: Dimming fnc4000/E fnc4000/--/E</p> <p>Non-dimming fnc2000/E fnc2000/--/E</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 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>Warning: 230V AC</p> <p>This product must be installed by a qualified electrician.</p>

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 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.
<p>Hard-Wired with third party lighting control device.</p>	 <p># Earth linked internally</p> <p>----- Applicable if third party control has dimming output</p>	 <p># Earth linked internally</p> <p>----- Applicable if third party control has dimming output</p>	 <p># Earth linked internally</p> <p>----- Applicable if third party control has dimming output</p>
<p>Using a flex7 plug-in lighting control device.</p> <p>Compatible Controllers: Dimming fnc3000 fns3000 fnc3000/-- fns3400 fnc4000 fns3400/-- fnc4000/--</p> <p>Non-dimming fnc1000 fns1000 fnc1000/-- fnc2000 fns1400 fnc2000/-- fns1400 fns1400/--</p>	<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>
<p>Using a flex7 plug-in lighting control device with integrated emergency test.</p> <p>Compatible Controllers: Dimming fnc4000/E fnc4000/--/E</p> <p>Non-dimming fnc2000/E fnc2000/--/E</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 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>DUAL CONTROL CONFIGURATION</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.

