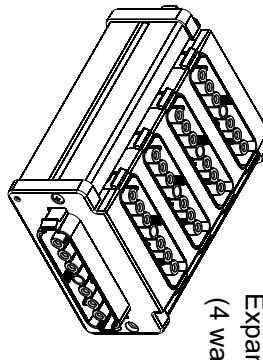
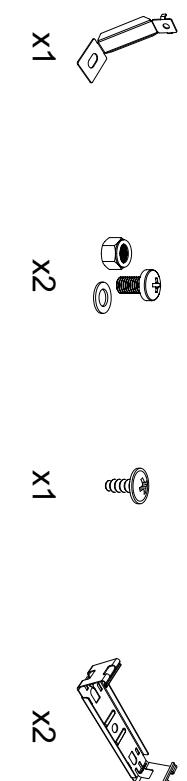


# Expansion Unit (fxu--)

Accessories supplied with the Expansion Unit:



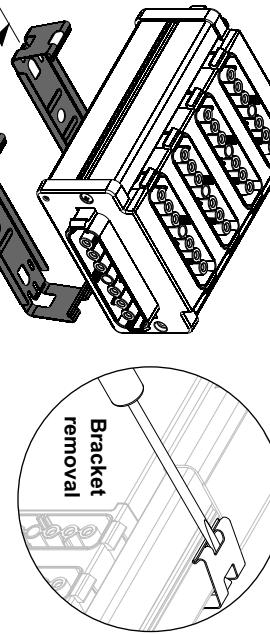
Expansion Unit  
(4 way shown)



## Bracket Spacing Guide

Bracket spacing guide for 'Stand Alone' units

Plugging into an existing unit



Use 2 brackets

Plug in additional unit  
into existing unit.  
Then clip new unit securely  
into mounted fixing brackets.

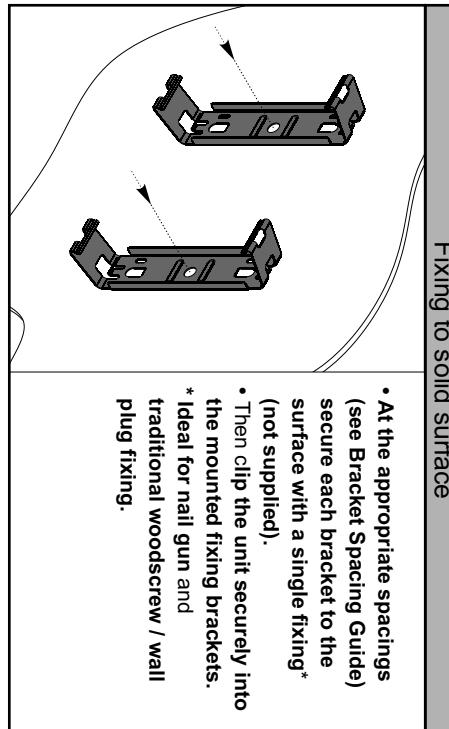
Use 1 bracket

| Outlets | Length A/mm | Outlets | Length B /mm |
|---------|-------------|---------|--------------|
| 2 way   | 25 ± 2      | 2 way   | 50 ± 5       |
| 4 way   | 65 ± 5      | 4 way   | 100 ± 5      |
| 6 way   | 115 ± 5     | 6 way   | 145 ± 10     |
| 8 way   | 160 ± 10    | 8 way   | 195 ± 10     |
| 10 way  | 210 ± 10    | 10 way  | 245 ± 10     |
| 12 way  | 260 ± 10    | 12 way  | 295 ± 10     |

## Fixing Options

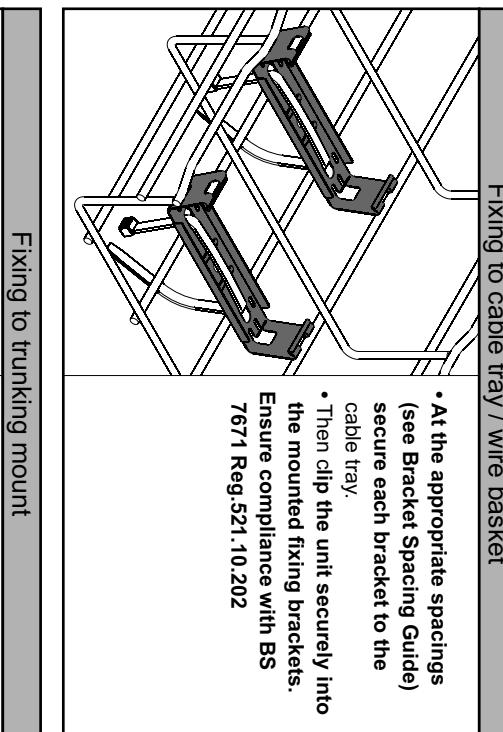
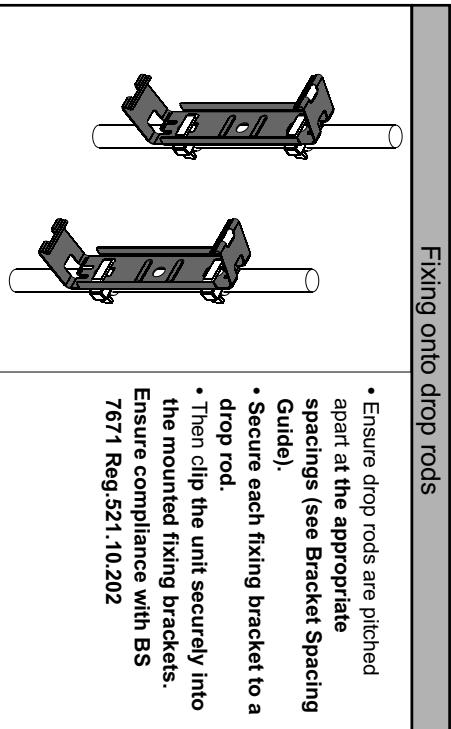
Fixing to solid surface

- At the appropriate spacings (see Bracket Spacing Guide) secure each bracket to the surface with a single fixing\* (not supplied).
- Then clip the unit securely into the mounted fixing brackets.
- \* Ideal for nail gun and traditional woodscrew / wall plug fixing.



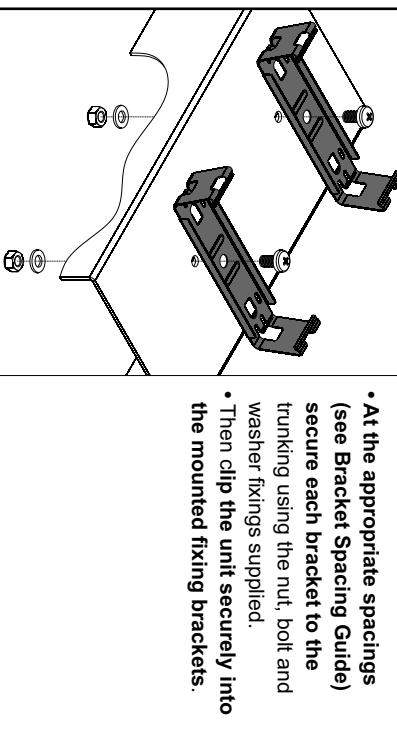
Fixing onto drop rods

- Ensure drop rods are pitched apart at the appropriate spacings (see Bracket Spacing Guide).
- Secure each fixing bracket to a drop rod.
- Then clip the unit securely into the mounted fixing brackets.
- Ensure compliance with BS 7671 Reg.521.10.202

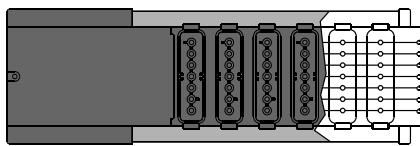


Fixing to trunking mount

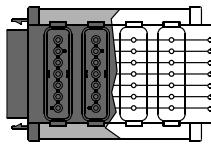
- At the appropriate spacings (see Bracket Spacing Guide) secure each bracket to the trunking using the nut, bolt and washer fixings supplied.
- Then clip the unit securely into the mounted fixing brackets.



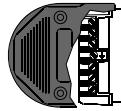
Starter Unit  
**fsu---**



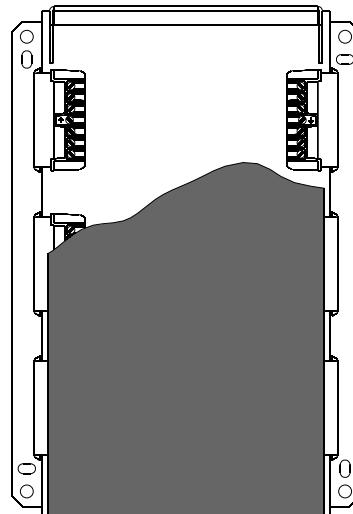
Expansion Unit  
**fxu---**  
Tap-off Unit  
**ftu---**



Single Socket  
**fts--**



Hub Unit  
**fhu06**

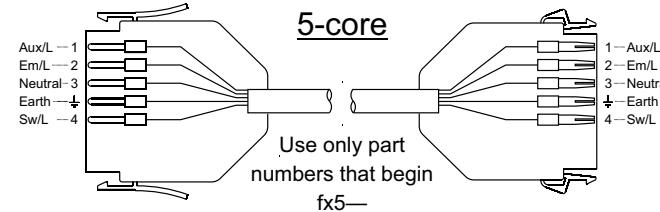
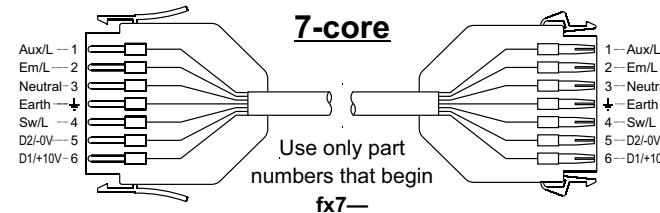


## Expansion Unit

The flex7 Expansion Unit is a convenient method for extending both the lighting power and the lighting control from an existing unit or source device. Connecting to a preceding unit is either by plugging in unit-to-unit, or via a suitable Expansion Lead. Note that an Expansion Lead is always required if connecting back to a Single Socket or Hub Unit

### Plug-in direct unit-to-unit:

Simply expand the capacity of the previous unit.



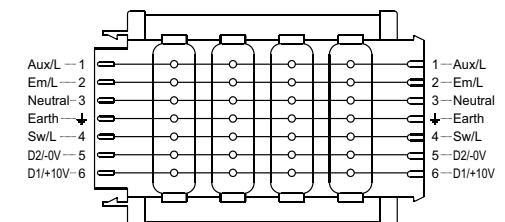
### Plug-in via a 7-core Expansion Lead

Normally used in applications where all lighting power and control (including dimming) is derived from the source device.

### Plug-in via a 5-core Expansion Lead

Normally used in applications where all lighting power and on/off control (excluding dimming) is derived from the source device.

### Expansion Unit, **fxu--**



**Manufactured in:** Black PA6 UL94 V-0 rated, PC/ABS, UL94 V-0 rated and Anodised Aluminium.  
**Supply Voltage:** 230V~ 16A  
**Operating range:** -10°C to 40°C  
**IP Rating:** IP20  
**Compliance:** 2014/35/EU

**Terminals accept:** 3x 2.50mm<sup>2</sup>, 2x 4.00mm<sup>2</sup> or 1x 6.00mm<sup>2</sup> conductors.  
7 contacts per outlet, each rated at 16 amps, using flex7 outlet format. total system rating 16A.

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**Telephone:** +44 (0) 20 8580 1066  
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**Website:** [www.flex7.co.uk](http://www.flex7.co.uk)  
**Email:** [info@flex7.co.uk](mailto:info@flex7.co.uk)

