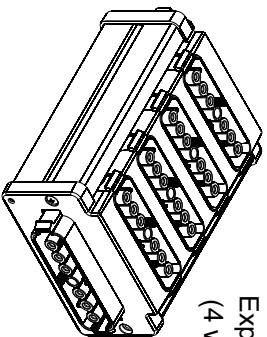


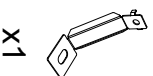
# Expansion Unit (fxu--)

Expansion Unit  
(4 way shown)



x1

Accessories supplied with the Expansion Unit:



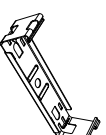
x1



x2

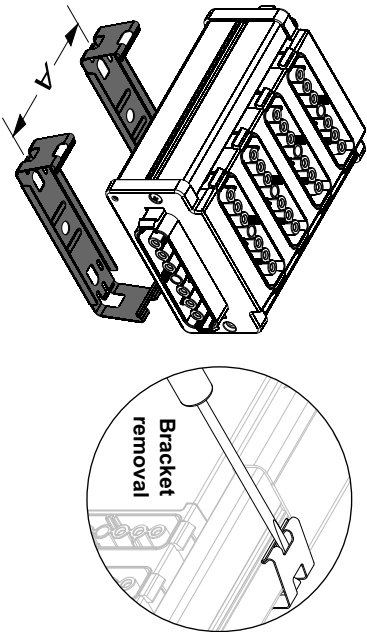
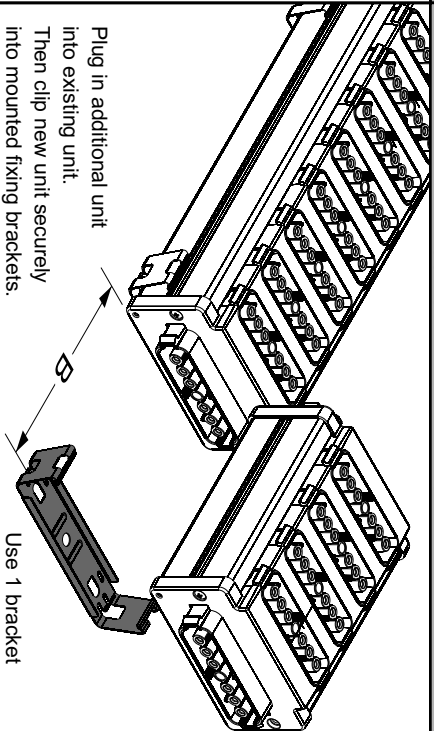


x1

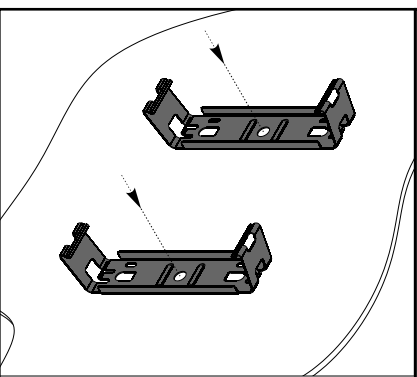
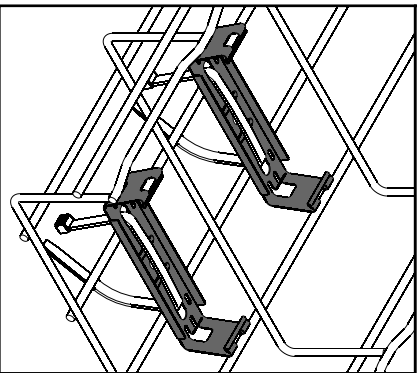


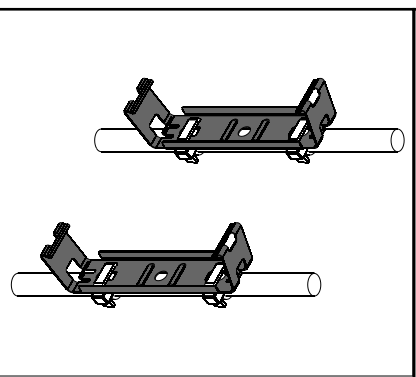
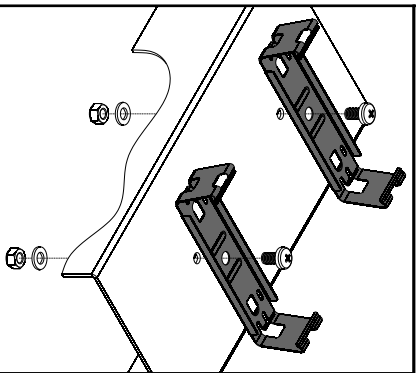
x2

## Bracket Spacing Guide

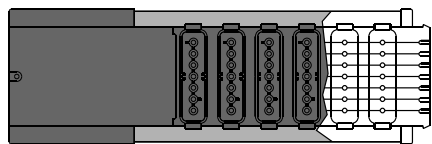
Bracket spacing guide for 'Stand Alone' units		Plugging into an existing unit	
 <p>Use 2 brackets</p>		 <p>Plug in additional unit into existing unit. Then clip new unit securely into mounted fixing brackets.</p> <p>Use 1 bracket</p>	
Outlets	Length A /mm	Outlets	Length B /mm
2 way	25 ± 2	2 way	50 ± 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

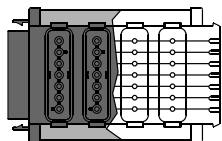
Fixing to solid surface		Fixing to cable tray / wire basket	
 <ul style="list-style-type: none"> <li>• At the appropriate spacings (see Bracket Spacing Guide) secure each bracket to the surface with a single fixing* (not supplied).</li> <li>• Then clip the unit securely into the mounted fixing brackets.</li> <li>* Ideal for nail gun and traditional woodscrew / wall plug fixing.</li> </ul>		 <ul style="list-style-type: none"> <li>• At the appropriate spacings (see Bracket Spacing Guide) secure each bracket to the cable tray.</li> <li>• Then clip the unit securely into the mounted fixing brackets. Ensure compliance with BS 7671 Reg.521.10.202</li> </ul>	

Fixing onto drop rods		Fixing to trunking mount	
 <ul style="list-style-type: none"> <li>• Ensure drop rods are pitched apart at the appropriate spacings (see Bracket Spacing Guide).</li> <li>• Secure each fixing bracket to a drop rod.</li> <li>• Then clip the unit securely into the mounted fixing brackets. Ensure compliance with BS 7671 Reg.521.10.202</li> </ul>		 <ul style="list-style-type: none"> <li>• At the appropriate spacings (see Bracket Spacing Guide) secure each bracket to the trunking using the nut, bolt and washer fixings supplied.</li> <li>• Then clip the unit securely into the mounted fixing brackets.</li> </ul>	

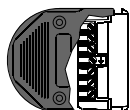
Starter Unit  
fsu---



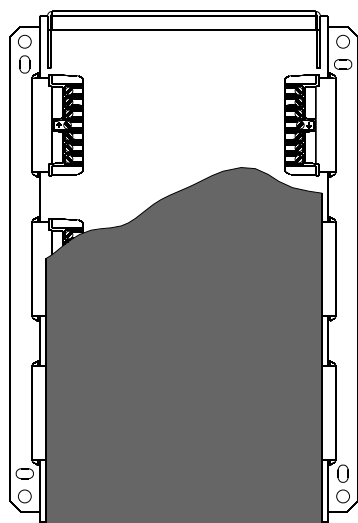
Expansion Unit  
fxu---  
Tap-off Unit  
ftu---



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:

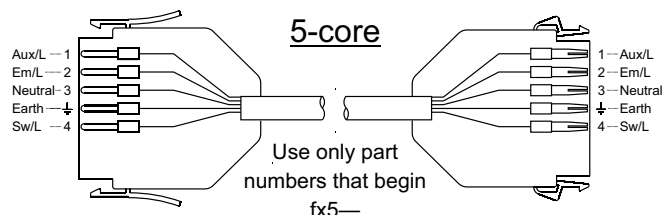
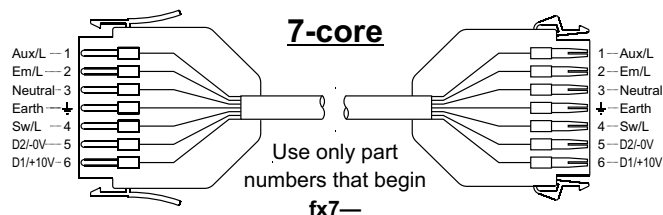
Simply expand the capacity of the previous unit.

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

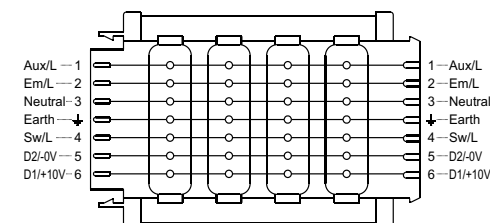
Normally used in applications where all lighting power and control (including dimming) is derived from the source device.

### 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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**Email:** [info@flex7.co.uk](mailto:info@flex7.co.uk)

