

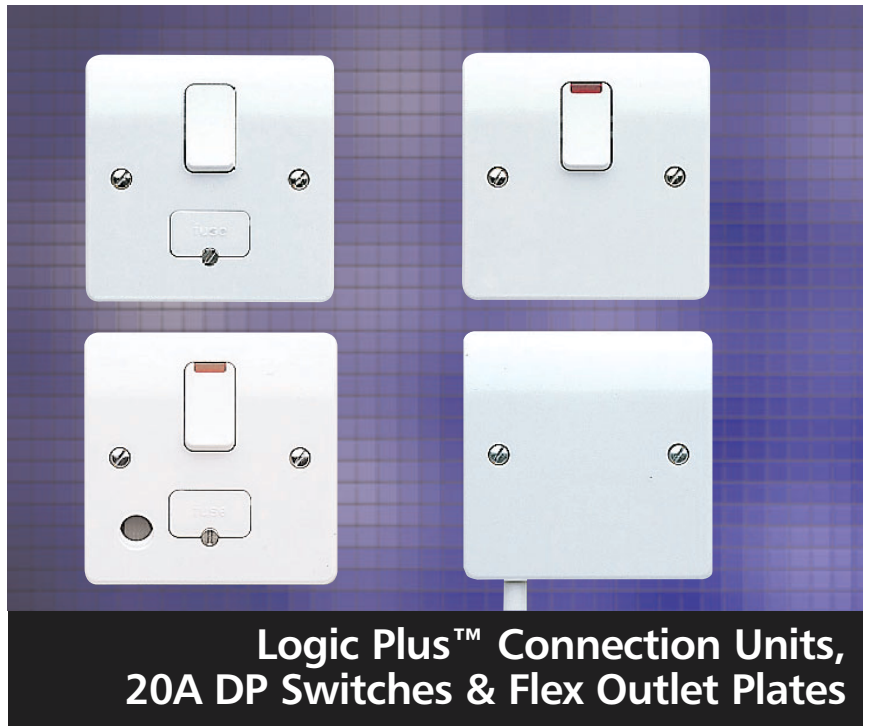
**Logic Plus**  
**Connection Units,**  
**20A DP Switches &**  
**Flex Outlet Plates**  
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PRODUCT RANGE	
<b>13A DP Connection units, switched</b>	K1040 WHI
with tamper-proof screw fuse carrier	K1040 KO WHI
with neon indicator	K1060 WHI
with neon indicator and red rocker	K1060 D1 WHI
with bottom flex outlet*	K330 WHI
with bottom flex outlet* and neon indicator	K370 WHI
with bottom flex outlet*, neon indicator and red rocker	K370 D1 WHI
with front flex outlet	K1030
with front flex outlet* and neon indicator	K1070 WHI
<b>13A Connection units, unswitched</b>	
with bottom flex outlet	K337 WHI
with bottom flex outlet and tamper-proof screw fuse carrier	K337 KO WHI
with bottom flex outlet and neon indicator	K377 WHI
<b>20A DP switches</b>	
with bottom flex outlet	K5403 WHI
with bottom flex outlet and neon indicator	K5423 WHI
with bottom flex outlet, neon indicator and red rocker	K5423 D1 WHI
with bottom flex outlet and neon indicator, marked 'water heater'	K5423 WH WHI
<b>Flex outlet plate, unswitched and unfused</b>	K1090 WHI

**Standards and approvals**

All Logic Plus connection units comply with BS 1363: Part 4: 1995.  
 The 20A DP switch complies with BS 3676: Part 1: 1989.  
 The flex outlet plate complies with BS 5733: 1995.  
 Fuses are to BS 1362.



**Description**

A range of 13A fused connection units and 20A DP switches designed for the connection of refrigerators, water heaters, central heating boilers and other fixed appliances.

The ranges are designed for ease of installation and have the advantageous design features of the Logic Plus range.

**Neon indicators**

Neon indicators can be included in the rockers of the switched connection units. In the case of unswitched units, they are located centrally and uppermost on the face plate. Neon indicators are integrally wired into the product and do not require separate connection when installing.

The design gives 170° visibility in the horizontal and vertical planes.

**Features**

- Optional indicators in the switch rockers with 170° visibility in the horizontal and vertical planes
- Worm-drive operated fuse carriers for additional security (tamper-proof version available)
- Fuse carrier lockable in open position
- All supply and load cables can be cut and stripped to the same length
- Integrally wired indicators save installation time
- Push-fit cord grips, for safer, quicker installation

**Fuse carriers**

These are captive and are opened by a fast acting, screwdriver operated worm drive for ease of replacement.

A tamper-proof version is also available.

Fuse carriers can be locked open using a padlock, List No. K2000.

**Flex outlets**

Bottom outlet types are supplied with blanking plug allowing use where the bottom outlet is not required. Spare blanking plugs are available.

The products are equipped with very strong, push-fit nylon cord grips making installation safe, quick and easy.

**Flex outlet plate**

An unfused flex outlet with cord grip plate and 3 pairs of terminals.

- Angled, top mounted terminal screws simplify wiring
- Moulded 'on' indicator flash on switches cannot rub off – totally safe
- Captive fuse carrier
- Additional electrical safety from neutral 'make first', 'break last' feature
- Secure cable and flexible cord connection
- All terminal and fixing screws operated by one-size (4mm) screwdriver
- Backed out and captive terminal screws

Note: These switches are not recommended for switching large banks of PCs

**Logic Plus**  
**Connection Units,**  
**20A DP Switches &**  
**Flex Outlet Plates**  
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**TECHNICAL SPECIFICATION**

**Electrical**

Voltage rating:  
250V a.c.

Current rating:  
 Connection units – 13 amp  
 DP switches – 20 amp  
 Flex outlets – 20 amp

Terminal capacity:

Supply terminal: 2 x 6mm<sup>2</sup> stranded  
 2 x 4mm<sup>2</sup>  
 3 x 2.5mm<sup>2</sup>

Load terminals: 2 x 6mm<sup>2</sup> stranded  
 (1 x 6mm<sup>2</sup> on earth terminal)  
 2 x 4mm<sup>2</sup>  
 3 x 2.5mm<sup>2</sup>

Flex outlet/cord grip capacities:

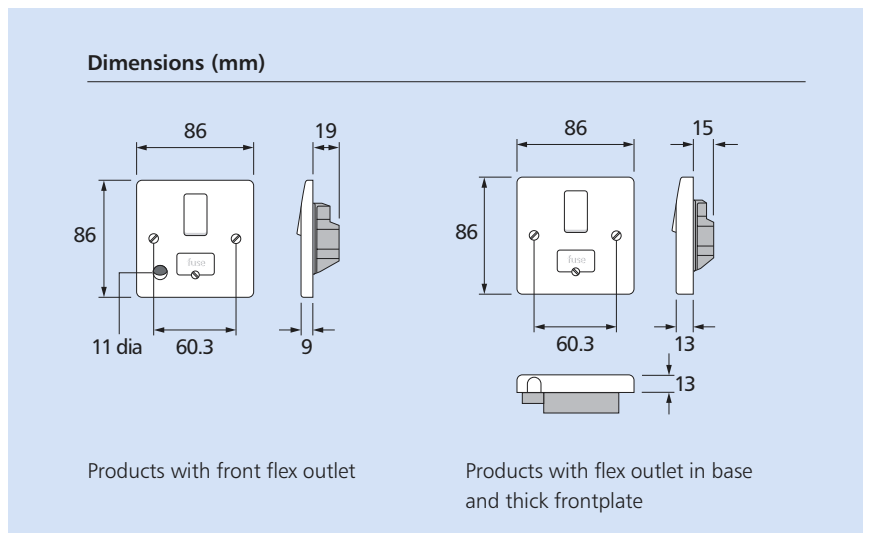
Connection units: min: 2 core, 0.5mm  
 max: 3 core, 1.5mm  
 20 amp DP switches &  
 flex outlet plate  
 min: 3 core, 1.5mm  
 max: 3 core, 2.5mm

**Physical**

Ambient operating temperature:  
 -5°C to +40°C  
 (not to exceed an average of more than 25°C in any  
 24 hour period)

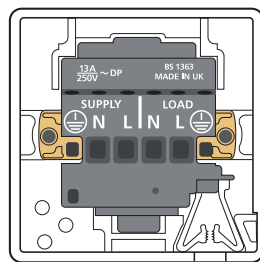
IP rating:  
IP4X

Max. installation altitude:  
2000 metres

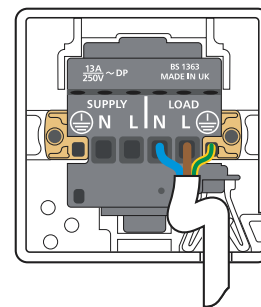


**Box types**

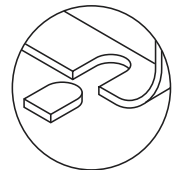
	Flush	Surface Insulated	Surface Metal
All bottom flex outlet products	866 ZIC	K2140 WHI 30mm	K2213 ALM (5 x 20mm knockouts) or K2211 ALM (without knockouts)
Other products	866 ZIC	K2031 WHI 40mm	K2213 ALM or K2211ALM (without knockouts)



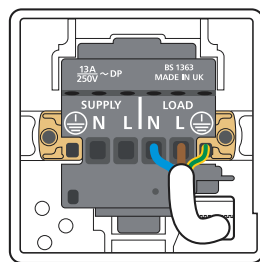
Supply and load cable cords cut and stripped to same length



Bottom outlet and cord grip



Blanking plug for bottom outlet



Front outlet cord grip



Lockable fuse carrier

**Installation**

Logic Plus connection units and 20A cable outlets and switches can be wall or bench mounted. Do not use on a trailing lead.

**Wiring**

All products are designed and manufactured to allow installation to comply with BS7671 - IEE Wiring Regulations.

**Cable Management**

Logic Plus connection units and DP switches can be mounted in a variety of MK trunking systems.

See MK catalogue for further details.

