Logic Plus™ wiring devices from MK Electric have been designed to perfectly complement modern interiors, offering an unobtrusive and sophisticated look totally in keeping with today’s design. Technically, they exceed British Standard requirements with patented features that make these products the most advanced and safest available.

Logic Plus™ products are made from a high grade thermoset material which has an inherent antimicrobial property. In recent independent tests, the Logic Plus™ products were equal to, or exceeded, competitor ‘Anti-Bac’ products when tested for resistance to MRSA, E.Coli, Salmonella and Klebsiella pneumoniae.

They are easy to install and available through our extensive distributor network.

The range is backed by MK’s quality and reliability and provides the largest selection of wiring devices in any single range.

Echo™ is an innovative range of entirely wireless, batteryless and self powered switches, only available from MK Electric and in finishes to complement the Logic Plus™ range. Please see page 31 for details.

**Total safety**
3-pin operated ‘child resistant shutter system’, which is designed to inhibit access to the electricity supply, unless all 3 pins of a standard British 13A plug are in position. Logic Plus™ products include an inherent antimicrobial property as a result of the high grade thermoset material used to manufacture.

**Unrivalled quality and reliability**
Products are made from the very best materials and production processes. All products are 100% tested.

**Quick and easy to install**
Features to ensure a quick and easy installation come as standard across the range, including in-line terminals, funnel entrances to terminals, backed out and captive screws and clear terminal markings.

**Outstanding range**
Extensive selection of wiring devices providing a total solution.

**20 year guarantee**
Gives total peace of mind to you and your customers.
(10 year guarantee for electronic devices)
**Logic Plus™**

**technical hotline +44 (0)1268 563720**

**white | wiring devices**

---

**CONToured TO BLEND INTO THE WALL**

**DOUBLE POLE SWITCHING**
Switches both live and neutral (neutral makes first, breaks last) means added safety for the user

**OPTIONAL NEON INDICATOR SHOWS WHEN SWITCH IS ON**

3mm MINIMUM SWITCH CONTACT GAP

---

**3-PIN “CHILD RESISTANT SHUTTER SYSTEM”**
Designed to inhibit access to the electricity supply, unless all 3 pins of a standard British 13A plug are in position

**HIGH GLOSS, HIGH QUALITY THERMOSET MATERIAL**
Inherent antimicrobial properties, resists scratching, maintains appearance

---

**TERMINAL SCREWS**
Backed out and held captive within the terminal housing

**TERMINAL MARKINGS**
Clearly marked on all rear mouldings

---

**IN-LINE TERMINALS**
Allow wire to be cut stripped to the same length

**DUAL EARTH TERMINALS**
Available for installations that require high integrity earthing

---

**FUnnEL ENTRANCE TO TERMINALS**
Terminals are upwards facing to make installation easier

---

**COMPREHENSIVE RANGE OF PART M COMPLIANT PRODUCTS INCLUDING SOCKET OUTLETS WITH OUTBOARD ROCKERS, WIDE ROCKER SWITCHES AND GRAPHITE COLOURED FRONTPLATES**

---

**Combined TV, FM, DAB, satellite and telephone sockets save on installation time and space**

Simple but effective screwless cord grip on connection units – securely holds the cable
Many sockets are fitted with two earth terminals to provide high integrity earthing.

Terminals are grouped in-line with terminal screws backed out ready for easy wiring. Clear marking on dark background makes the terminals easily identifiable.

High integrity earthing: K2757, K2657 and K2737 are fitted with two earth terminals to provide a double earth facility for use when installations require a high integrity protective connection as specified within BS 7671: 2008.

K2737
13A fuse protects all three outlets

The 3 pin operated safety shutter makes Logic Plus™ sockets the safest available.
RCD PROTECTED
13 AMP
FLUSH

K2746D1WHI
K2746D1RED
2 GANG DP
WITH RED OUTBOARD ROCKERS AND DUAL EARTH TERMINALS

K2746D2WHI
K2746D2RED
2 GANG DP
WITH GREEN OUTBOARD ROCKERS AND DUAL EARTH TERMINALS

K6211WHI
K6231WHI
K6300WHI
K6303WHI

FILTERED
13 AMP
FLUSH

K6121WHI
K6311WHI
K6312WHI
K6300WHI
K6301WHI
K6302WHI
K6303WHI
K6304WHI

13 AMP
FLUSH

K1816WHI
K1826WHI
K1800WHI
K2741WHI
K2740WHI

K2746 and K2746D1 are fitted with two earth terminals to provide a double earth facility for use when installations require a high integrity protective connection as specified within BS 7671: 2008.

These a.c. and pulsating d.c. fault current sensitive products have up to 15mm thick frontplates and are suitable for boxes with 30mm min. depth and supply voltages of 240V 50Hz.

A 25mm deep box (862ZiC) can be used but conduit entry is restricted. Refer to Sentrysocket section, page 292, for more information on active and passive control circuits.

For sockets complying with Medical Electrical Installation Guidance Notes (MEEGaN), see page 158

MOUNTING BOXES:
FLUSH: 862ZiC – 35mm deep
SURFACE: K2140WHI – 30mm deep

K2746D1WHI
K2746D1RED
K2746D2WHI
K2746D2RED
K6211WHI
K6231WHI
K6300WHI
K6303WHI
K1816WHI
K1826WHI
K1800WHI
## Switch/socket Outlets

### NON STANDARD

<table>
<thead>
<tr>
<th>Description</th>
<th>Model No.</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 AMP FLUSH</td>
<td>K1257WHI</td>
<td>10</td>
</tr>
<tr>
<td>13 AMP FLUSH</td>
<td>K1246WHI</td>
<td>10</td>
</tr>
<tr>
<td>13 AMP FLUSH</td>
<td>K1257D1WHI</td>
<td>10</td>
</tr>
<tr>
<td>13 AMP FLUSH</td>
<td>K1246D1WHI</td>
<td>10</td>
</tr>
<tr>
<td>13 AMP FLUSH</td>
<td>K1246D1RED</td>
<td>10</td>
</tr>
</tbody>
</table>

### ROUND PIN

<table>
<thead>
<tr>
<th>Description</th>
<th>Model No.</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 AMP 127V FLUSH (NON UK)</td>
<td>K2251WHI</td>
<td>10</td>
</tr>
<tr>
<td>15 AMP 127V FLUSH</td>
<td>K2252WHI</td>
<td>10</td>
</tr>
</tbody>
</table>

### MOUNTING BOXES:

- **Flush 25mm**
  - 1 gang: 861ZiC
  - 2 gang: 862ZiC

- **Flush 35mm (for extra wiring space)**
  - 1 gang: 866ZiC
  - 2 gang: 886ZiC

- **Surface**
  - 1 gang: K2140WHI
  - 2 gang: K2142WHI

These products are provided with facilities for ‘clean earth’ connection and are suitable for non-standard plugs with ‘T’ shaped earth pin.

### DIMENSIONS:

- 1 gang: 86 x 86mm
- 2 gang: 86 x 146mm

### FIXING CENTRES:

- 1 gang: 60.3mm
- 2 gang: 120.6mm

### BS 1363: Pt 2: 1995

### BS 546: 1950

### K781 is fitted with two earth terminals to provide a double earth facility for use when installations require a high integrity protective connection as specified within BS 7671: 2008.

### Dimensions:

- 86 x 86mm
- 86 x 146mm

### Fixing Centres:

- 60.3mm
- 120.6mm

### BS 1363 Pt 2: 1995

## Socket Outlets

### 15 AMP 127V FLUSH (NON UK)
<table>
<thead>
<tr>
<th>Socket Outlets</th>
<th>Three Pole Fan Isolator</th>
<th>Shaver Socket Outlet</th>
<th>Shaver/Toothbrush Supply Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>16 AMP</strong> 2P + E <strong>FLUSH</strong> <em>(NON UK)</em></td>
<td><strong>10 AMP</strong> <strong>FLUSH</strong></td>
<td><strong>FLUSH</strong></td>
<td><strong>FLUSH</strong></td>
</tr>
<tr>
<td><img src="image1" alt="K4150WHI" /></td>
<td><img src="image2" alt="K4857WHI" /></td>
<td><img src="image3" alt="K700WHI" /></td>
<td><img src="image4" alt="K701WHI" /></td>
</tr>
<tr>
<td><img src="image5" alt="K4152WHI" /></td>
<td><img src="image6" alt="K4859WHI" /></td>
<td><img src="image7" alt="K4858" /></td>
<td><img src="image8" alt="K706WHI" /></td>
</tr>
</tbody>
</table>

**K4150WHI**
1 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4152WHI**
2 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4857WHI**
WITH SWITCHLOCK AND PADLOCK

**K4859WHI**
WITHOUT SWITCHLOCK

**K4858**
SWITCHLOCK FOR FAN ISOLATOR

**K2000**
PADLOCK

**K700WHI**
SHAVER SOCKET OUTLET
230-250 VOLTS 50/60Hz
FUSED
Incorporates a self-resetting overload device, limiting current to 20VA.

**K701WHI**
SHAVER/TOOTHBRUSH SUPPLY UNIT
DUAL VOLTAGE
115/230V OUTPUT (220/240V 50/60Hz INPUT)

**K706WHI**
SHAVER/TOOTHBRUSH SUPPLY UNIT
DUAL VOLTAGE
115/230V OUTPUT (120/130V 50/60Hz INPUT)
*(NON UK)*

**Mounting Boxes:**
- **Flush:** 8752ZC
- **Surface:** K2172WHI

**This design incorporates a double wound isolating transformer rated 20VA at 230 or 115 volts; it meets BS EN 61558 making it safe for use in bathrooms. Insertion of a shaver/toothbrush plug automatically switches on by energising the primary side of the isolating transformer – removal automatically switches off. The transformer is protected against overload by an automatic solid state overload device with automatic resetting.**

**Dimensions:** 146 x 86mm
**Fixing Centres:** 120.6mm
**BS EN 61558-2-5: 1998**

---

**K4150WHI**
1 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4152WHI**
2 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4857WHI**
WITH SWITCHLOCK AND PADLOCK

**K4859WHI**
WITHOUT SWITCHLOCK

**K4858**
SWITCHLOCK FOR FAN ISOLATOR

**K2000**
PADLOCK

**Mounting Boxes:**
- **Flush:** 3952ZC
- **Surface:** K2140WHI

**Must not be installed in a bathroom or shower room.**

**Designed for wiring onto lighting circuits**

**Dimensions:** 86 x 86mm
**Fixing Centres:** 60.3mm
**BS EN 60947-3: 1992**

---

**K4150WHI**
1 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4152WHI**
2 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4857WHI**
WITH SWITCHLOCK AND PADLOCK

**K4859WHI**
WITHOUT SWITCHLOCK

**K4858**
SWITCHLOCK FOR FAN ISOLATOR

**K2000**
PADLOCK

**Mounting Boxes:**
- **Flush:** 3995ZIC
- **Surface:** K2160WHI

**These products are not suitable for installation in 25mm boxes.**

**Dimensions:**
- 1 gang: 86 x 86mm
- 2 gang: 86 x 146mm
**Fixing Centres:**
- 1 gang: 60.3mm
- 2 gang: 120.6mm
**IEC 6084-1: 2006**

---

**K4150WHI**
1 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4152WHI**
2 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4857WHI**
WITH SWITCHLOCK AND PADLOCK

**K4859WHI**
WITHOUT SWITCHLOCK

**K4858**
SWITCHLOCK FOR FAN ISOLATOR

**K2000**
PADLOCK

**Mounting Boxes:**
- **Flush:** 3995ZIC
- **Surface:** K2160WHI

**Must not be installed in a bathroom or shower room.**

**Designed for wiring onto lighting circuits**

**Dimensions:** 86 x 86mm
**Fixing Centres:** 60.3mm
**BS EN 60947-3: 1992**

---

**K4150WHI**
1 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4152WHI**
2 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4857WHI**
WITH SWITCHLOCK AND PADLOCK

**K4859WHI**
WITHOUT SWITCHLOCK

**K4858**
SWITCHLOCK FOR FAN ISOLATOR

**K2000**
PADLOCK

**Mounting Boxes:**
- **Flush:** 3995ZIC
- **Surface:** K2160WHI

**These products are not suitable for installation in 25mm boxes.**

**Dimensions:**
- 1 gang: 86 x 86mm
- 2 gang: 86 x 146mm
**Fixing Centres:**
- 1 gang: 60.3mm
- 2 gang: 120.6mm
**IEC 6084-1: 2006**

---

**K4150WHI**
1 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4152WHI**
2 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4857WHI**
WITH SWITCHLOCK AND PADLOCK

**K4859WHI**
WITHOUT SWITCHLOCK

**K4858**
SWITCHLOCK FOR FAN ISOLATOR

**K2000**
PADLOCK

**Mounting Boxes:**
- **Flush:** 3995ZIC
- **Surface:** K2160WHI

**Must not be installed in a bathroom or shower room.**

**Designed for wiring onto lighting circuits**

**Dimensions:** 86 x 86mm
**Fixing Centres:** 60.3mm
**BS EN 60947-3: 1992**

---

**K4150WHI**
1 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4152WHI**
2 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4857WHI**
WITH SWITCHLOCK AND PADLOCK

**K4859WHI**
WITHOUT SWITCHLOCK

**K4858**
SWITCHLOCK FOR FAN ISOLATOR

**K2000**
PADLOCK

**Mounting Boxes:**
- **Flush:** 3995ZIC
- **Surface:** K2160WHI

**These products are not suitable for installation in 25mm boxes.**

**Dimensions:**
- 1 gang: 86 x 86mm
- 2 gang: 86 x 146mm
**Fixing Centres:**
- 1 gang: 60.3mm
- 2 gang: 120.6mm
**IEC 6084-1: 2006**

---

**K4150WHI**
1 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4152WHI**
2 GANG
16A 250V
SHUTTERED
*(NON UK)*

**K4857WHI**
WITH SWITCHLOCK AND PADLOCK

**K4859WHI**
WITHOUT SWITCHLOCK

**K4858**
SWITCHLOCK FOR FAN ISOLATOR
**Features and Benefits**

A screwless cord grip automatically clamps and securely holds the cable in connection units with base and front flex outlets.

Switched units are double pole with neutral pole contacts ‘making’ before and ‘breaking’ after live contacts. Rockers with built-in indicators are available.

When servicing or repairing appliances, fuse carriers remain attached to the frontplate when opened and can be padlocked for safety.

An optional tamperproof screw on fuse carriers is particularly useful for appliances in public areas.

In-line terminals, backed out captive terminal screws and clear marking make wiring up easy.

**Connection Units**

**SWITCHED**

**FLUSH**

- **K330WHI**
  - DP
  - With flex outlet in base and thick frontplate
- **K370WHI**
  - DP
  - With neon, flex outlet in base and thick frontplate
- **K370D1WHI**
  - DP
  - With neon, flex outlet in base, thick frontplate and red rocker
- **K1030WHI**
  - DP
  - With front flex outlet

**UNSWITCHED**

**FLUSH**

- **K377WHI**
  - With flex outlet in base and thick frontplate
- **K337KOWHI**
  - With flex outlet in base, thick frontplate and tamperproof screw for fuse carrier
- **K377WHI**
  - With flex outlet in base, neon and thick frontplate

**MOUNTING BOXES**

- **FLUSH**: 866ZiC (35mm)
- **SURFACE**: K2140WHI

All units are fitted with a 13A fuse-link to BS 1362. See page 206 for spare fuse-links.

The fuse carrier can be locked in the open position by removing the fuse and using K2000 fuse carrier padlock.

**K330 and K1070**

Front flex outlet products cannot be mounted directly onto MK Cable Box K2131WHI. A mounting frame K2140WHI will have to be used between the product and the box.

Base entry frontplates are 12.5mm deep.

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>86 x 86mm</td>
<td></td>
</tr>
</tbody>
</table>

**FIXING CENTRES**

- 60.3mm
- BS 1363 Pt 4: 1995
### Dual Switch

- **20 AMP**
  - **FLUSH**
  - **K5208WHI**
  - **K5207WHI**

### DP Switches

- **20 AMP**
  - **FLUSH**
  - **K5403WHI**

- **32 AMP**
  - **FLUSH**
  - **K5423WHI**

- **50 AMP**
  - **MOULDED**
  - **FLUSH**
  - **K5205WHI**

- **50 AMP**
  - **METAL**
  - **K5230WHI**

---

**FOR CONTROLLING DUAL IMMERSION HEATERS**

**MOUNTING BOXES:**
- **FLUSH:**
  - **K5208WHI**
  - **K5403WHI**
  - **K5423WHI**
- **SURFACE:**
  - **K5207WHI**
  - **K5423WHI**
  - **K5423D1WHI**

Only mounting boxes with an earth terminal should be used. These products are marked ‘on’ and ‘off’ against the one-way DP switch and ‘sink’ and ‘bath’ against the two-way SP switch.

**DIMENSIONS:**
- **86 x 86mm**
- **FIXING CENTRES:**
  - **60.3mm**
- **BS EN 60669-1: 1999**

---

**MOUNTING BOXES:**
- **FLUSH:**
  - **K5208WHI**
  - **K5215CWHI**
  - **K5205WHI**
- **SURFACE:**
  - **K5215SHWHI**
  - **K5215CKWHI**
  - **K5205WHI**
  - **K5207WHI**

**K5208WHI and K5215WHI** Supplied with 8 self-adhesive plastic identification labels marked hob, fan, oven, water heater, shower, air conditioner, cooker and washing machine. Not recommended for switching large banks of PCs.

**DIMENSIONS:**
- **150 x 89 x 50mm**
- **KNOCKOUTS:**
  - **8 x 20mm**
- **TERMINAL CAPACITY:**
  - **16mm² conductors**
- **BS EN 60669-1: 1999**

---

**K5012WHI**

**K5230 WHI**

**K5012**

**K5105WHI**

**K5105GRA**

**K5205WHI**

**K5215WHI**

**K5105wHI**

**K5205wHI**

**K5215CKwHI**

**K5215SHwHI**

**K5230wHI**

**K5012wHI**

**K5230wHI**

---

**K5208wHI**

**K5207wHI**
## Cooker Connection Unit

### 45 AMP Moulded

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flush</td>
<td>K5045WHI</td>
<td><img src="image1" alt="K5045WHI" /></td>
</tr>
<tr>
<td>Surface</td>
<td>K5060WHI</td>
<td><img src="image2" alt="K5060WHI" /></td>
</tr>
</tbody>
</table>

**Mounting Box**

- **Flush**: 877ZiC (46mm)
- **Surface**: 886ZiC (up to 6mm² conductor), 878ZiC (up to 10mm² conductor)

**Dimensions**: 86 x 146mm, 178 x 165mm

**Fixing Centres**: 60.3mm, 156 x 144 x 67mm

**Knockouts**: 5 x 25mm

- Two in each of top and bottom, one in back.

**Supplied complete with mounting box and cable restraint.**

- Fitted with earth terminals.
- Rotary operated shutter.

**Brass Plated**:

- BS 4177: 1992

- **Knockout Sizes**: 5 x 25mm.

### 45 AMP Metal

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flush</td>
<td>K5040WHI</td>
</tr>
<tr>
<td>Surface</td>
<td>K5041WHI</td>
</tr>
</tbody>
</table>

**Mounting Box**

- **Flush**: 512DA (60mm)

**Dimensions**: 86 x 146 x 60mm, 178 x 165 x 67mm

**Fixing Centres**: 60.3mm, 156 x 144 x 67mm

**Knockouts**: 5 x 25mm

- Two in each of top and bottom, one in back.

**Supplied complete with mounting box.**

- Fitted with earth terminals.
- Rotary operated shutter.

**Brass Plated**:

- BS 4177: 1992

### Cooker Controls

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flush</td>
<td>K5001WHI</td>
<td><img src="image5" alt="K5001WHI" /></td>
</tr>
<tr>
<td>Surface</td>
<td>K5011WHI</td>
<td><img src="image6" alt="K5011WHI" /></td>
</tr>
</tbody>
</table>

**Mounting Box**

- **Flush**: 877ZiC (46mm)

**Dimensions**: 86 x 146mm, 178 x 165mm

**Fixing Centres**: 60.3mm, 156 x 144 x 67mm

**Knockouts**: 5 x 25mm

- Two in each of top and bottom, one in back.

**Supplied complete with mounting box.**

- Fitted with earth terminals.
- Rotary operated shutter.

**Brass Plated**:

- BS 4177: 1992
**PLATESWITCHES**

### Neon Locator

- **K3041**
  - Neon PlateSwitch Locator
  - 200-250V, 50Hz
  - Tungsten GLS lamps only

**Neon PlateSwitch locator is for use with any 1, 2 and 3 gang Logic Plus™ plate switches.**

**Used for location of switches in dark situations.**

**Fixing centres: 60.3mm BS 5733: 2010**

### Side Access, Captive Terminal Screws

- **K4870WHI**
  - 1 Gang SP One-Way
- **K4870GRA**
  - 1 Gang SP One-Way
- **K4871WHI**
  - 1 Gang SP Two-Way
- **K4871GRA**
  - 1 Gang SP Two-Way
- **K4872WHI**
  - 2 Gang SP Two-Way
- **K4872GRA**
  - 2 Gang SP Two-Way

**Mounting Boxes:**

- **Flush:**
  - 1, 2 & 3 gang: 3995ZiC
  - 4 & 6 gang: 862ZiC
- **Surface:**
  - 1, 2 & 3 gang: K2160WHI
  - 4 & 6 gang: K2161WHI

**These switches do not have to be derated when used with fluorescent or inductive loads.**

**K4871, K4872, K4873, K4874, K4875, K4876, K4877, K4878, K4879**

**These switches can be wired as either one-way or two-way.**

### Top Access, Backed out and Captive Terminal Screws

- **K4875WHI**
  - 1 Gang Intermediate
- **K4876WHI**
  - 3 Gang SP Two-Way
- **K4873WHI**
  - 4 Gang SP Two-Way
- **K4874WHI**
  - 4 Gang SP Two-Way
- **K4879WHI**
  - 6 Gang SP Two-Way

**Dimensions:**

- 1, 2 & 3 gang: 86 x 86mm
- 4 & 6 gang: 86 x 146mm
- **Fixing Centres:**
  - 1, 2 & 3 gang: 60.3mm
  - 4 & 6 gang: 120.6mm

**BS EN 60669-1: 1999**

**20A Versions:**

- K4870, K4873, K4874, K4875, K4871 & K4872 are all available as 20A SP versions. Use suffix D2WHI when ordering.

**K4871WHI**

- 20A DP 1 way version of K4871.

**K4872WHI**

- 20A DP 1 way version of K4872.

**Mounting Boxes:**

- **Flush:** 3995ZiC
- **Surface:** K2160WHI

**Dimensions:**

- 86 x 86mm

**Fixing Centres:**

- 60.3mm

**BS EN 60669-1: 1999**

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**Logic Plus™**

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Wide rocker plateswitches are not only a stylish alternative to standard plateswitches, but with the fixing screws hidden, the rocker cap acts as an additional barrier to prevent unwanted tampering in public areas. They are also very practical and easy to use for the young and elderly alike.
Standard Dimmer Switches

**230V a.c. 50Hz**

- **TUNGSTEN FILAMENT**
- **FLUSH**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Wattage</th>
<th>Voltage</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1511WHi</td>
<td>1 Gang Single</td>
<td>9W</td>
<td>230V a.c.</td>
<td>50Hz</td>
</tr>
<tr>
<td>K1531WHi</td>
<td>1 Gang Single</td>
<td>160W</td>
<td>230V a.c.</td>
<td>50Hz</td>
</tr>
<tr>
<td>K1532WHi</td>
<td>1 Gang Double</td>
<td>2 x 160W</td>
<td>230V a.c.</td>
<td>50Hz</td>
</tr>
<tr>
<td>K1533WHi</td>
<td>1 Gang Single</td>
<td>250W</td>
<td>230V a.c.</td>
<td>50Hz</td>
</tr>
</tbody>
</table>

**Dimmer Switches**

- **230V a.c. 50Hz**
- **COMPACT**
- **FLUORESCENT**
- **FLUSH**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Wattage</th>
<th>Voltage</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1525WHi</td>
<td>1 Gang Single</td>
<td>11-300W</td>
<td>240V a.c.</td>
<td>For Compact Fluorescent Lamps Only</td>
</tr>
<tr>
<td>K1541WHi</td>
<td>1 Gang Single</td>
<td>75-500W</td>
<td>50Hz</td>
<td></td>
</tr>
<tr>
<td>K1561WHi</td>
<td>1 Gang Single</td>
<td>100-1000W</td>
<td>50Hz</td>
<td></td>
</tr>
<tr>
<td>K1631WHi</td>
<td>1 Gang Single</td>
<td>40-250W</td>
<td>60Hz</td>
<td></td>
</tr>
<tr>
<td>K1641WHi</td>
<td>1 Gang Single</td>
<td>75-500W</td>
<td>60Hz</td>
<td></td>
</tr>
</tbody>
</table>

**Dimmer Switches (NON UK)**

- **200-250V a.c.**
- **50 or 60Hz**
- **FLUSH**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Wattage</th>
<th>Voltage</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1525WHI</td>
<td>1 Gang Single</td>
<td>11-300W</td>
<td>240V a.c.</td>
<td>FLUSH</td>
</tr>
<tr>
<td>K1541WHI</td>
<td>1 Gang Single</td>
<td>75-500W</td>
<td>50Hz</td>
<td></td>
</tr>
<tr>
<td>K1561WHI</td>
<td>1 Gang Single</td>
<td>100-1000W</td>
<td>50Hz</td>
<td></td>
</tr>
<tr>
<td>K1631WHI</td>
<td>1 Gang Single</td>
<td>40-250W</td>
<td>60Hz</td>
<td></td>
</tr>
<tr>
<td>K1641WHI</td>
<td>1 Gang Single</td>
<td>75-500W</td>
<td>60Hz</td>
<td></td>
</tr>
</tbody>
</table>

**Blank Plates**

- **FLUSH**
- **Flex Outlet Frontplate**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Dimensions</th>
<th>Fixing Centres</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3825WHI</td>
<td>1 Gang Moulded</td>
<td>25mm deep</td>
<td>60.3mm</td>
<td>For use with 3921ZiC and K2151WHI Mounting Boxes.</td>
</tr>
<tr>
<td>K3827WHI</td>
<td>1 Gang Moulded</td>
<td>86 x 86mm</td>
<td>60.3mm</td>
<td>Complete with three pairs of terminals, each suitable for 2 x 2.5mm² conductors and a 1.5mm² flexible cord. A cord-grip is also fitted. Frontplate thickness is 12.5mm. Hole diameter is 11mm.</td>
</tr>
<tr>
<td>K3828WHI</td>
<td>2 Gang Moulded</td>
<td>86 x 146mm</td>
<td>120.6mm</td>
<td></td>
</tr>
<tr>
<td>K5033WHI</td>
<td>2 Gang Moulded</td>
<td>133mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Flex Outlet Frontplate**

- **FLUSH**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Dimensions</th>
<th>Fixing Centres</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1090WHI</td>
<td>FLEX OUTLET FRONTPLATE</td>
<td>FLUSH</td>
<td>FLUSH</td>
<td></td>
</tr>
</tbody>
</table>

**Mounting Boxes:**

- **FLUSH:**
  - With pattress: 16mm deep min
  - Surface: K2160WHI 120mm deep
- **Without pattress:**
  - 25mm deep min
  - Surface: K2140WHI 100mm deep

**Mounting Boxes:**

- **FLUSH: 86 x 86mm**
- **Fixing Centres: 60.3mm**
- **Conforms to BS EN 55015**

**Complete with three pairs of terminals, each suitable for 2 x 2.5mm² conductors and a 1.5mm² flexible cord. A cord-grip is also fitted. Frontplate thickness is 12.5mm. Hole diameter is 11mm.**

**Fixing Centres:**

- **86 x 86mm**
- **60.3mm**

**Conforms to BS EN 55015**

**BS 5733: 2010**
MODULAR POWER AND MULTIMEDIA

**Euro Modular Frontplates**

- **K181WHI** 1 Gang Euro Frontplate
  - ONE MODULE
  - APERTURE SIZE 25 x 50mm

- **K182WHI** 1 Gang Euro Frontplate
  - TWO MODULES

- **K184WHI** 2 Gang Euro Frontplate
  - FOUR MODULES

- **K185WHI** 3 Gang Euro Frontplate
  - SIX MODULES

**Euro Power Modules**

- **K5830WHI** 1 Gang Euro 2 Module
  - UK: 1 GANG EURO 2 MODULE
  - 13A 250V SHUTTERED

- **K5831WHI** 1 Gang Euro 2 Module
  - GERMAN 2P+E
  - 16A 250V SHUTTERED

- **K5832WHI** 2 Gang Euro 2 Module
  - AMERICAN 2P+E
  - 15A 127V SHUTTERED

- **K5833WHI** 1 Gang Euro 2 Module
  - 5A 250V SHUTTERED

- **K5834WHI** 1 Gang Euro 2 Module
  - FRENCH/BELGIAN 2P+E
  - 16A 250V SHUTTERED

- **K5837WHI** USB Charging Module
  - EURO 2 MODULE

- **K5830BLK** 1 Gang Euro 2 Module
  - UK: 1 GANG EURO 2 MODULE
  - 13A 250V SHUTTERED

- **K5831BLK** 1 Gang Euro 2 Module
  - GERMAN 2P+E
  - 16A 250V SHUTTERED

- **K5832BLK** 2 Gang Euro 2 Module
  - AMERICAN 2P+E
  - 15A 127V SHUTTERED

- **K5833BLK** 1 Gang Euro 2 Module
  - UK: 1 GANG EURO 2 MODULE
  - 5A 250V SHUTTERED

- **K5834BLK** 1 Gang Euro 2 Module
  - FRENCH/BELGIAN 2P+E
  - 16A 250V SHUTTERED

- **K5837BLK** USB Charging Module
  - EURO 2 MODULE

**Other Modules**

- **K5830**
  - MOUNTING BOX: 35mm minimum
  - 46mm (for extra wiring space)
  - DIMENSIONS: 50 x 50mm
  - BS 546: 1950

- **K5834**
  - MOUNTING BOX: 46mm
  - DIMENSIONS: 50 x 50mm
  - NF C61-341

- **K5837**
  - MOUNTING BOX: 35mm
  - 46mm (for extra wiring space)
  - DIMENSIONS: 50 x 50mm
  - IEC 60950-1

Features 2 charging sockets each delivering 1A charging current at 5Vdc (total 2A max). Allows charging of portable devices via USB 2.0 type A plug.
Euro Datacom Modules

**RJ11/12**

- **K5887WHI**
- **K5887BLK**

  - Suitable for both RJ11 and RJ12 jacks
  - Cat 6 performance. Suitable for both 56A and 56B wiring schemes.
  - Mounting Boxes: Minimum box depth 25mm
  - FCC/CE
  - EN 41003

**RJ45 CAT 6**

- **K5846WHI**
- **K5846BLK**

  - Cat 6 performance. Suitable for both 56A and 56B wiring schemes.
  - Mounting Boxes: Minimum box depth 35mm
  - ISO/IEC 11801
  - EN 50173
  - TIA 568
  - EN 41003

**RJ45 CAT 5E**

- **K5844WHI**
- **K5845WHI**
- **K5844BLK**
- **K5845BLK**

  - Enhanced Cat 5 performance. Suitable for both 56A and 56B wiring schemes.
  - Supplied with cable tie and cable anchors to secure wires in the connections.
  - Mounting Boxes: Minimum box depth 25mm standard
  - ISO/IEC 11801
  - EN 50173
  - TIA 568
  - EN 41003

**TELEPHONE**

- **K5820WHI**
- **K5820BLK**

  - Enhanced Cat 5 performance. Suitable for both 56A and 56B wiring schemes.
  - Supplied with cable tie and cable anchors to secure wires in the connections.
  - Mounting Boxes: Minimum box depth 25mm standard
  - ISO/IEC 11801
  - EN 50173
  - TIA 568
  - EN 41003

**BNC**

- **K5801WHI**

  - 50 Ohm crimp connector suitable for use with RG58, URM43, URM76 and Beldon 9907 type coaxial cables.
  - Mounting Boxes: Minimum box depth 25mm

---

Mains operated products and extra low voltage modules must not be installed within the same frontplate. Refer to BS 7671: 2008 for details.
**Europ Multimedia Modules**

**TV CO-AXIAL OUTLETS**

FOR DIGITAL TV

SCREENED

NON ISOLATED

---

- **K5850WHI**
- **K5850BLK**
- Single outlet (IEC male)
- One module 25 x 50mm

- **K5851WHI**
- **K5851BLK**
- Single outlet (IEC female)
- One module 25 x 50mm

- **K5855WHI**
- **K5855BLK**
- Single F-Type Satellite socket
- One module 25 x 50mm

Fully screened non-isolated TV outlets containing a combination of single, TV/FM Diplexer and TV/FM/Sat triplexer for use within digital TV systems and interactive TV services. Single outlets for connection to a single TV, FM or Satellite co-axial aerial lead.

**Mounting Boxes:**

Min box depth 32mm

**Dimensions:**

BS 5083 & BS 5733: 2010

Where applicable

These products are fully compatible with Labgear TV distribution systems and are approved for use in “Sky Homes” and “Homes On” specifications.

---

**K5852WHI**

- **K5852BLK**
- Twin outlet TV/FM Diplexer
- Two modules 50 x 50mm (IRELAND ONLY)

**K5852DABWHI**

- **K5852DABBLK**
- Twin outlet TV-FM/DAB Diplexer
- Two modules 50 x 50mm

**K5853WHI**

- **K5853BLK**
- Triple outlet TV/FM/SAT triplexer
- Two modules 50 x 50mm (IRELAND ONLY)

TV/FM diplexer units for connection to a single co-axial aerial lead with combined TV and FM signals.

TV/FM/SAT triplexer units for connection to a single co-axial aerial lead with combined TV, FM and satellite signals.

**Mounting Boxes:**

Min box depth 32mm

**Dimensions:**

BS 5083 & BS 5733: 2010

Where applicable

**Performance:**

Single outlets:

- TV/FM IEC male or female
- DC-950MHz
- SAT F-Type
- DC-1.75GHz

**TV/FM/SAT products:**

- Diplexer 8-63MHz 470-862MHz 87.5-108MHz
- FM/DAB 87.5-108MHz
- SAT 950-2300MHz

**TV/FM/DAB/SAT products for digital radio:**

- Diplexer 8-63MHz 470-862MHz 87.5-2300MHz
- SAT 950-2300MHz

**K5853DABWHI**

- **K5853DABBLK**
- Quad outlet TV-FM/DAB-2xSAT
- Two modules 50 x 50mm

**K5807WHI**

- **K5807BLK**
- Female HDMI Outlet

- KB07 female HDMI outlet is HDMI 1.1, 1.2 and 1.3 compatible, HDCP compliant.

- Data Rate: Up to 2.25 Gbps
- Scan: Up to 1080p/1920x1200
- Input Connector: 1 x HDMI female (Type A)
- Output Connector: 1 x HDMI female (Type A)
- Supports high resolution input:
  - PC: VGA, SVGA, SXVGA (1280x1024) and UXGA (1600x1200, 1920x1200)
  - HDTV: 480p, 720p, 1080i and 1080p
- HDMI input cable should be no larger than 20m.

- Weight of product: 16g
- Dimensions: 50 x 50 x 20mm

---

**K5850WHI**

- **K5850BLK**
- Audio binding post set for single loud speaker

**K5805WHI**

- **K5805BLK**
- RCA to screw termination set

**K5806WHI**

- **K5806BLK**
- Triple RCA to screw termination set

**K5807WHI**

- **K5807BLK**
- Audio & HD

---

**K5809WHI**

- **K5809BLK**
- Female HDmi outlet

- HDmi input cable should be no larger than 20m.

- Weight of product: 16g
- Dimensions: 50 x 25 x 28mm

These products are fully compatible with Labgear TV distribution systems and are approved for use in “Sky Homes” and “Homes On” specifications.
### Technical Hotline
- **K180WHI**
  - **TWO MODULE**
  - BLANK 50 x 50MM
- **K188WHI**
  - **ONE MODULE**
  - BLANK 25 x 50MM
- **K186WHI**
  - **HALF MODULE**
  - BLANK 12.5 x 50MM

### BLANKS
- **K172WHI**
  - **1 GANG TWIN**
  - LJ6C FRONTPLATE
  - TWO MODULE
  - APERTURE SIZE 22 x 37MM
- **K5787WHI**
  - **RJ11/12**
  - ONE MODULE
- **K5746WHI**
  - **RJ45 CAT 6**
  - ONE MODULE
- **K5746BLK**
  - **RJ45 CAT 6**
  - SCREENED
- **K5745WHI**
  - **RJ45 CAT 5E**
  - ONE MODULE
- **K170WHI**
  - **ONE MODULE BLANK**

### FRONTPLATES
- **K172WHI**
  - **1 GANG TWIN**
  - LJ6C FRONTPLATE
  - TWO MODULE
  - APERTURE SIZE 22 x 37MM
- **K5787WHI**
  - **RJ11/12**
  - ONE MODULE
- **K5746WHI**
  - **RJ45 CAT 6**
  - ONE MODULE
- **K5746BLK**
  - **RJ45 CAT 6**
  - SCREENED
- **K5745WHI**
  - **RJ45 CAT 5E**
  - ONE MODULE
- **K170WHI**
  - **ONE MODULE BLANK**

### MOUNTING BOXES:
- Minimum depth: 16mm
- BS 5733: 2010 where applicable

### Fixing Centres:
- 1 gang: 60.3mm
- 2 gang: 120.6mm
- BS 5733: 2010 where applicable

### Note:
- No grid required, modules just clip into place

### Cat 6 performance:
- Suitable for both 568A and 568B wiring schemes.
- MOUNTING BOXES: Minimum box depth 25mm
- ISO/IEC 11801
- EN 50173
- TIA 568
- EN 41003

### Enhanced Cat 5 performance:
- Suitable for both 568A and 568B wiring schemes.
- MOUNTING BOXES: Minimum box depth 25mm
- ISO/IEC 11801
- EN 50173
- TIA 568
- EN 41003
MK Modular
Frontplates

K191WHI
1 GANG
ONE MODULE

K192WHI
1 GANG
TWO MODULE

K193WHI
2 GANG
THREE MODULE

K194WHI
2 GANG
FOUR MODULE

MK Modular
Datacom
Modules

K420WHI
TELEPHONE OUTLET
MASTER ONE MODULE

K421WHI
TELEPHONE OUTLET
SECONDARY ONE MODULE

K487WHI
RJ11
TELEPHONE/DATA SOCKET
ONE MODULE

K190WHI
BLANK
ONE MODULE

Telephone
Socket
Outlets

K422WHI
1 GANG
TELEPHONE MASTER

K427WHI
1 GANG
TELEPHONE SECONDARY

K4817WHI
RJ11
TELEPHONE SOCKET

K3540WHI
3 PIN WITH
TELEPHONE SYMBOL (NON UK)

MOUNTING BOXES:
Suitable for flush boxes to
BS 4662: 1970 and surface boxes
to BS 5733: 2010

See Modules for correct
box depth.

BS 5733: 2010
where applicable

K420 and K421
are approved under OFTEL
approval No.NS/G23/L/100005
for direct and indirect connections
between a termination point
of a public telecommunications
system and any piece of approved
telecommunications apparatus.
BS 6312 Pt 2

K487 FCC 6B

K190
Minimum depth 16mm
BS 5733: 2010 where applicable

K422 and K427
Are approved under OFTEL
approval No. NS/G23/L/100005
for direct and indirect connections
between a termination point
of a public telecommunications
system and any piece of approved
telecommunications apparatus.
BS 6312 Pt 2

K4817 FCC 6B

K3540
Accepts standard BS 546
2A 2 pin and earth plug where 2
pins are used for telephone circuits
and the earth pin is used to ensure
correct polarity.

BS 546: 1950 where relevant
TV/FM and Satellite Co-Axial Socket Outlets

FOR DIGITAL AND INTERACTIVE SERVICES
SCREENED, NON ISOLATED
FLUSH

Single outlets for connection to a single TV, FM or Satellite co-axial aerial lead. TV/FM diplexer units for connection to a single co-axial aerial lead with combined TV and FM signals.

K3550WHI
SINGLE OUTLET (IEC MALE)
K3551WHI
SINGLE OUTLET (IEC FEMALE)
K3555WHI
SINGLE OUTLET
F-TYPE SATELLITE SOCKET
K3552WHI
TWIN TV/FM DIPLEXER

Fully screened non isolated TV outlets containing a combination of single, TV/FM Diplexer, TV/FM/SAT Diplexer and secondary telephone outlets for use within digital TV systems and interactive TV services.

MOUNTING BOXES:
Minimum box depth 32mm
1 gang: Flush: 86x86mm
2 gang: Flush: 86x146mm

DIMENSIONS:
1 gang: 86 x 86mm
2 gang: 86 x 146mm

FIXING CENTRES:
1 gang: 60.3mm
2 gang: 120.6mm

PERFORMANCE
TV/FM/SAT PRODUCTS
OUTLET
SINGLE OUTLETS
TV/FM IEC MALE OR FEMALE
DC-950MHz
SAT F-TYPE
DC-950MHz

PLUGS:
TV: DIPLEXER 5-65MHz 470-862MHz
FM: 87.5-108MHz N/A
SAT: 950-2300MHz N/A

TV/FM/SAT PRODUCTS FOR DIGITAL RADIO
OUTLET
DIPLEXER 5-65MHz 470-862MHz
FM: 87.5-108MHz N/A
SAT1: 950-2300MHz N/A
SAT2: 5-2300MHz

K3557WHI
SINGLE OUTLET (IEC MALE) WITH TELEPHONE SECONDARY
K3553WHI
TRIPLE TV/FM/SAT TRIPLEXER WITH TELEPHONE SECONDARY
K3554DABWHI
QUAD TV/FM/DAB/SATx2 QUADPLEXER

DAB Products are not available in Ireland
TV/FM and Satellite Co-Axial Socket Outlets

<table>
<thead>
<tr>
<th>NON ISOLATED</th>
<th>ISOLATED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FLUSH</strong></td>
<td><strong>FLUSH</strong></td>
</tr>
</tbody>
</table>

**K3520WHI**  
SINGLE OUTLET  
K3523WHI  
TWIN OUTLET  
K3525WHI  
SINGLE F TYPE  
SATELLITE SOCKET  
K3525D1WHI  
TWIN F TYPE  
SATELLITE SOCKET

**K3631WHI**  
SINGLE OUTLET  
K3631GRA  
K3632WHI  
TWIN OUTLET  
K3632GRA  
K3633WHI  
3 MODULE  
K3633GRA  
K3634WHI  
4 MODULE  
K3634GRA

**K3521WHI**  
SINGLE OUTLET  
K3521GRA  
K3631WHI  
K3631GRA  
K3632WHI  
K3632GRA  
K3633WHI  
K3633GRA  
K3634WHI  
K3634GRA

**K3630WHI**  
12 MODULE

**K3639WHI**

**K3639GWA**

**K3639GRA**

**K3639GRI**

**K3520WHI**  
SINGLE OUTLET  
K3523WHI  
TWIN OUTLET  
K3525WHI  
SINGLE F TYPE  
SATELLITE SOCKET  
K3525D1WHI  
TWIN F TYPE  
SATELLITE SOCKET

**K3631WHI**  
SINGLE OUTLET  
K3631GRA  
K3632WHI  
TWIN OUTLET  
K3632GRA  
K3633WHI  
3 MODULE  
K3633GRA  
K3634WHI  
4 MODULE  
K3634GRA

**K3521WHI**  
SINGLE OUTLET  
K3521GRA  
K3631WHI  
K3631GRA  
K3632WHI  
K3632GRA  
K3633WHI  
K3633GRA  
K3634WHI  
K3634GRA

**K3630WHI**  
12 MODULE

**K3639WHI**

**K3639GWA**

**K3639GRA**

**K3639GRI**

**K3520WHI**  
SINGLE OUTLET  
K3523WHI  
TWIN OUTLET  
K3525WHI  
SINGLE F TYPE  
SATELLITE SOCKET  
K3525D1WHI  
TWIN F TYPE  
SATELLITE SOCKET

**K3631WHI**  
SINGLE OUTLET  
K3631GRA  
K3632WHI  
TWIN OUTLET  
K3632GRA  
K3633WHI  
3 MODULE  
K3633GRA  
K3634WHI  
4 MODULE  
K3634GRA

**K3521WHI**  
SINGLE OUTLET  
K3521GRA  
K3631WHI  
K3631GRA  
K3632WHI  
K3632GRA  
K3633WHI  
K3633GRA  
K3634WHI  
K3634GRA

**K3630WHI**  
12 MODULE

**K3639WHI**

**K3639GWA**

**K3639GRA**

**K3639GRI**

**MOUNTING BOXES:**  
**FLUSH:**  
86 x 86mm  
**SURFACE:**  
K2140WHI

Single outlet for connection to a single TV or FM coaxial aerial lead. Twin outlet for connection to each of two separate TV/FM coaxial aerial leads.  
**DIMENSIONS:** 86 x 86mm  
**FIXING CENTRES:** 60.3mm  
BS 5733: 2010 where applicable  
IEC 169-2: 1965

**MOUNTING BOXES:**  
**FLUSH:**  
86 x 86mm  
**SURFACE:**  
K2140WHI

Provides safety isolation rated at 2000VA.C. between aerial lead and socket. Single outlet for connection to a single TV or FM coaxial aerial lead. Twin outlet with TV/FM diplexer for connection to single coaxial aerial lead with combined TV & FM signal.  
**DIMENSIONS:** 86 x 86mm  
**FIXING CENTRES:** 60.3mm  
BS 5733: 2010 where applicable  
BS 3041: 1977 IEC 169-2: 1965

All modules from the Grid Plus range can be used with these frontplates.  
**DIMENSIONS:**  
1 & 2 MODULE: 86 x 86mm  
3 & 4 MODULE: 86 x 146mm  
6 & 8 MODULE: 146 x 146mm  
12 MODULE: 206 x 146mm  
BS 5733: 2010