Commando offers a comprehensive range of industrial plugs, connectors, socket outlets, appliance inlets, Combi and Modular-Combi units.

The Commando range is designed to meet all relevant European and British Standards, whilst offering an excellent choice of ingress protected ratings. The Commando range offers remarkable impact strength by way of its PBT (Polybutylene Terephthalate) or Nylon (Polyamide PA) insulated or aluminium housing*. Outstanding temperature performance and good resistance to most chemicals make it ideal for the most arduous applications. Contact pins and sleeves are of solid brass with stainless steel springs to keep contacts free of dirt and to ensure constant contact pressure.

Reliability
Features like the calibrated contact sleeves with stainless steel springs, brass screws in brass contacts, and the double earthing screws – all mean that this plug or socket will perform better and longer in difficult conditions.

Ergonomic design
All edges and corners are rounded to remove sharp edges. Cable protection is improved. New design offers a better and more comfortable grip for connection / disconnection.

Cable protection
The unified seal and cable protector forms a convex dome that prevents the plug from fastening on objects or collecting debris when dragged.

Easy wiring
All screws are backed out and retained. Contact carrier marked front and back for easy and correct wiring. Hinged cable clamp and twin contact earth screws.

Outstanding Temperature Performance
Successful operation guaranteed between -25°C and 55°C.

* 16A and 32A IP44 plug, connector and socket outlet products have housings manufactured from PA.
• **High Quality Materials**
  The Commando range offers remarkable impact strength.
  Outstanding temperature performance and good resistance to chemicals make it ideal for the arduous applications.

• **Connection Seal**
  Prevent accidental disconnection or theft of equipment.

• **Tight and Secure**
  The cable gland has an improved locking mechanism that will apply pressure to the cable for the lifetime of the product.

• **Prolonged Earth Connection**
  The earth connection is specifically designed, so that in the unlikely event of failure of the cable gland and the wires detach from the terminals the earth terminal will be the last to disconnect.
  For extra protection the earth terminal is provided with 2 connection screws.

• **Suspension Loop**
  Products can be suspended above the floor, helping to keep the workspace in order.

• **Quick and Easy to use**

• **Clear markings and terminal identification**

• **Clear instructions for cable strip length, tightening torque and opening of the product.**

---

**Technical Hotline** +44 (0)1268 563720

**Ingress Protected** | **Wiring Devices**
## Commando

### Wiring Devices | Ingress Protected

**IP44 Splashproof**

100 - 130V

50 - 60 Hz

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth</th>
<th>Hour</th>
<th>Pos</th>
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<td>32</td>
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</table>

**Plugs**

**Connectors**

**Socket Outlets**

### Straight

**Surface**

**Surface – Loop In**

**Panel Mounting**

### IP67 Watertight

100 - 130V

50 - 60 Hz

<table>
<thead>
<tr>
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<th>Pin. Configuration</th>
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<th>Hour</th>
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<tr>
<td>63</td>
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<td>4</td>
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</tbody>
</table>

**Plugs**

**Connectors**

**Socket Outlets**

### Angled

**Surface**

**Surface – Loop In**

**Panel Mounting**

### Socket Outlets

**Twin**

**Surface**

Pre Wired | Unwired

**K13143YEL** | **K1043YEL**

**K1303YEL** | **K13043YEL**

Suitable for top entry 2 x Ø25 or bottom entry 2 x Ø20. Will accept Fl13 flange at top.

63A plugs and inlets include pilot pins.

63A connectors and sockets with pilot sleeves are available to special order.

All products are available in minimum order quantity of one except K9000 and K9100 (which have a minimum order quantity of 10).

Photographs feature the most representative products.

Design changes may occur (over different current ratings) from one product to another.
### Commando

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

**ingress protected | wiring devices**

---

**Socket Outlets**

<table>
<thead>
<tr>
<th>ANGLED</th>
<th>PANEL MOUNTING</th>
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<tr>
<td>K9769YEL</td>
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<td>K9632YEL</td>
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**Switchsocket Outlets**

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<thead>
<tr>
<th>ANGLED</th>
<th>INTERLOCKED</th>
<th>SURFACE</th>
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<tr>
<td>K13600YEL</td>
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**Appliance Inlets**

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<td>K9780YEL</td>
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<tr>
<td>K9358YEL</td>
<td>K9782YEL</td>
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</tbody>
</table>

| 16/32A new range has different fixing centres to old range. |
| Old range is available for limited period. See technical section for details. |
| BS EN 60309 |

- **K9767YEL**
  - Switch can be locked in open or closed position. 
  - BS EN 60309
  - Aluminium Enclosure

- **K13600YEL**
  - Suitable for top entry 2 x Ø25.
  - Switch can be locked in open position. Or closed position by removing the tab.
  - BS EN 60309

- **K9700YEL**
  - With 25mm knockout at top.
  - Will also accept FL13 flange (top).
  - Bottom entry M25.
  - BS EN 60309

**Switchsocket Outlets**

<table>
<thead>
<tr>
<th>ANGLED</th>
<th>INTERLOCKED</th>
<th>SURFACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>K13600YEL</td>
<td>K9609YEL</td>
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<td>K13632YEL</td>
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**Switchsocket Outlets**

<table>
<thead>
<tr>
<th>ANGLED</th>
<th>SURFACE</th>
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<tbody>
<tr>
<td>K9356YEL</td>
<td>K9780YEL</td>
</tr>
<tr>
<td>K9358YEL</td>
<td>K9782YEL</td>
</tr>
</tbody>
</table>

| 16A Top conduit (M20) or rear cable entry, complete with blanking plug. |
| 32A Top conduit (M25) or rear cable entry, complete with blanking plug. |
| BS EN 60309 |

- **K9356YEL**
  - With 32mm knockouts top and bottom.
  - Will also accept FL13 flange (top).
  - Switch can be locked in open position. In closed position by removing the tab.
  - BS EN 60309

- **K13600YEL**
  - Suitable for top entry 2 x Ø25.
  - Switch can be locked in open position. In closed position by removing the tab.
  - BS EN 60309

See page 258 for details of spare or alternative FL type flanges.
**Commando**

**wiring devices** | **ingress protected**

---

**IP44 SPLASHPROOF**
- 200 - 250V
- 50 - 60 Hz

### Plugs

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
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</table>

16/32A Fitted with cable entry gland.
63A Fitted with cable entry gland.
Thread size M48.
BS EN 60309

### Connectors

### Socket Outlets

#### SURFACE
- 16A Top conduit (M20) or near cable entry, complete with blanking plug.
- 32A Top conduit (M25) or near cable entry, complete with blanking plug.
- 63A Top conduit (M32) or near cable entry, complete with blanking plug.
- BS EN 60309

#### SURFACE-LOOP IN
- Suitable for top entry 2 x Ø25.
- Fitted with terminals for Loop In 2 x 10mm.
- BS EN 60309

#### STRAIGHT PANEL MOUNTING
- Suitable for top entry 2 x Ø25.
- Fitted with terminals for Loop In 2 x 10mm.
- BS EN 60309

---

**IP67 WATERTIGHT**
- 200 - 250V
- 50 - 60 Hz

### Plugs

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth Hour Pos</th>
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<tr>
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<tr>
<td>125</td>
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</table>

### Connectors

### Socket Outlets

#### SURFACE
- Suitable for flexible cable only 63A and 125A. With external clamp.
- BS EN 60309

#### SURFACE-LOOP IN
- Suitable for top entry 2 x Ø25 or bottom entry 2 x Ø20.
- Will accept Fl13 flange at top.
- BS EN 60309

#### STRAIGHT PANEL MOUNTING
- Suitable for top entry 2 x Ø25.
- 125A 2 x 23/47mm knockouts top and bottom.
- BS EN 60309

---

**IP44 SPLASHPROOF**
- 200 - 250V
- 50 - 60 Hz

### Socket Outlets

#### SURFACE TWIN
- Suitable for top entry 2 x Ø25 / 2 x Ø38
- Bottom entry 3 x 47.5mm
- BS EN 60309

---

**Photographs feature the most representative products.**

**Design changes may occur (over different current ratings) from one product to another.**

**All products are available in minimum order quantity of one except K9001 and K9101 which have minimum order quantities of 10.**

**Photographs feature the most representative products.**

**Design changes may occur (over different current ratings) from one product to another.**

**All products are available in minimum order quantity of one except K9001 and K9101 which have minimum order quantities of 10.**
### Switchsocket Outlets

**16/32A**
- Suitable for top entry
- 2 x Ø25
- Switch can be locked in open position
- Will also accept FL13 flange (top)
- Bottom entry M25

- **16/32A** With 29mm knockouts at top
- Will also accept FL13 flange (top)
- Bottom entry M25

**63A**
- With 32mm knockouts top and bottom
- Will accept FL13 flange top and bottom

- **63A** With 29mm knockouts at top
- Will also accept FL13 flange (top)
- Bottom entry M25

---

### Appliance Inlet Panels

**16A**
- Top conduit (M20) or rear cable entry, complete with blanking plug

**32A**
- Top conduit (M25) or rear cable entry, complete with blanking plug

**63A**
- Top conduit (M32) or rear cable entry, complete with blanking plug

---

*Note: 63 and 125A versions do not include a flange (See page 247 for photograph). BS EN 60309*
**Commando**

**wiring devices** | **ingress protected**

**IP44 SPLASHPROOF**
380 - 415V
50 - 60 Hz

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</table>

**16A/32A** Fitted with cable entry gland.

**63A** Fitted with cable entry gland.

Thread size M48.

---

**IP67 WATERTIGHT**
380 - 415V
50 - 60 Hz

<table>
<thead>
<tr>
<th>Amps</th>
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<th>Hour</th>
<th>Pos.</th>
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<td>K9187RED</td>
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</table>

**Suitable for flexible cable only. 63A and 125A have external clamp.**

---

63/125A plugs and inlets include pilot pins.

63A connectors and sockets with pilot sleeves are available to special order.

125A Switchconnector interlocked outlets include pilot sleeves are available to special order.

All products are available in minimum order quantity of one.

Photographs feature the most representative products.

Design changes may occur (over different current ratings) from one product to another.
### Commando

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

#### Socket Outlets
- **ANGLED**
- **PANEL MOUNTING**

<table>
<thead>
<tr>
<th>K9777RED</th>
<th>K9778RED</th>
<th>K9779RED</th>
<th>K9751RED</th>
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<td>K9670RED</td>
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<td>K13637RED</td>
<td>K13641RED</td>
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<td>K9732RED</td>
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</tr>
</tbody>
</table>

**16/32A new range has different fixing centres to old range.**

Old range is available for limited period. See technical section for details.

**K9777RED**

- Switch can be locked in open or closed position.
- Aluminium Enclosure

**K9778RED**

- Suitable for top entry
- Switch can be locked in open position. In closed position by removing the tab.

**K9779RED**

- 16/32A
- With 25mm knockout at top.
- Also accept FL13 flange top.
- Bottom entry M25.

**K9751RED**

- 16A
- Top conduit (M20) or rear cable entry, complete with blanking plug.

**K9752RED**

- 32A
- Top conduit (M25) or rear cable entry, complete with blanking plug.

**K9756RED**

- 63A
- Top conduit (M32) or rear cable entry, complete with blanking plug.

**K9757RED**

- 125A
- 2 x 23/47mm knockouts top and bottom.

**Switchsocket Outlets**
- **ANGLED**
- **INTERLOCKED**

<table>
<thead>
<tr>
<th>SURFACE</th>
<th>SURFACE</th>
<th>SURFACE</th>
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</thead>
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<td>K9327RED</td>
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</tr>
<tr>
<td>K9694RED</td>
<td>K9884RED</td>
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</table>

**16/32A**

- All flanges have the same fixing centres and outside dimensions to assist panel builders.

**K9751RED**

- 16/32A
- Suitable for top entry
- 2 x Ø25.

**K9807RED**

- 125A
- 2 x 23/47mm knockouts top and bottom.
- Switch can be locked in open position. In closed position by removing the tab.

**K9815RED**

- 16/32A
- With 29mm knockout at top.
- Also accept FL13 flange at top.
- Bottom, conduit entry M25.

**K9870RED**

- 63A
- With 32mm knockouts top and bottom.
- Will accept FL13 flange top and bottom.

**Appliance Inlets**
- **ANGLED**
- **SURFACE**

<table>
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**Appliance Inlet Panels**

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<td>K9787RED</td>
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<tr>
<td>K9790RED*</td>
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</table>

See page 258 for details of spare or alternative FL type flanges.

*Note: 63 and 125A versions do not include a flange (See page 247 for photograph).*
### IP44 SPLASHPROOF 440 - 460V 60 Hz

**Suitable for Marine Installations**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin.</th>
<th>Earth</th>
<th>Config.</th>
<th>Hour</th>
<th>Pos</th>
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</tbody>
</table>

Plugs: Fitted with cable entry gland.

Connectors: Fitted with cable entry gland.

Socket Outlets: Angled Surface

Switchsocket Outlets: Interlocked Surface

#### Switchsocket Outlet Interlocked

- **Surface**

- **Interlocked**

#### Switchsocket Outlet Angled

- **Surface**

- **INTERLOCKED**

- **PANEL MOUNTING**

### IP44 SPLASHPROOF 440 - 460V 60 Hz

**Suitable for Marine Installations**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin.</th>
<th>Earth</th>
<th>Config.</th>
<th>Hour</th>
<th>Pos</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>3P + E</td>
<td>11</td>
<td>K9603RED</td>
<td>K9623RED</td>
<td>K9643RED</td>
</tr>
<tr>
<td>16</td>
<td>3P + N + E</td>
<td>11</td>
<td>K9635RED</td>
<td>K9655RED</td>
<td>K9675RED</td>
</tr>
<tr>
<td>32</td>
<td>3P + E</td>
<td>11</td>
<td>K9641RED</td>
<td>K9661RED</td>
<td>K9681RED</td>
</tr>
</tbody>
</table>

Switch can be locked in open or closed position. Aluminum Enclosure.

### IP67 WATERTIGHT 440 - 460V 60 Hz

**Suitable for Marine Installations**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin.</th>
<th>Earth</th>
<th>Config.</th>
<th>Hour</th>
<th>Pos</th>
</tr>
</thead>
<tbody>
<tr>
<td>63</td>
<td>3P + E</td>
<td>11</td>
<td>K9283RED</td>
<td>K9293RED</td>
<td>K9303RED</td>
</tr>
<tr>
<td>63</td>
<td>3P + N + E</td>
<td>11</td>
<td>K9293RED</td>
<td>K9303RED</td>
<td>K9313RED</td>
</tr>
<tr>
<td>125</td>
<td>3P + E</td>
<td>11</td>
<td>K9093RED</td>
<td>K9103RED</td>
<td>K9113RED</td>
</tr>
</tbody>
</table>

- **Plugs**: Suitable for flexible cable only. With external clamp.
- **Connectors**: Suitable for flexible cable only. With external clamp.
- **Socket Outlets**:
  - **Angled** Surface
  - **Interlocked** Surface

- **Switchsocket Outlet**:
  - **Angled** Surface
  - **Interlocked** Surface
  - **Panel Mounting**

63/125A plugs and inlets include pilot pins.
63A connectors and sockets with pilot sleeves are available to special order.
125A Switchsocket interlocked outlets with pilot sleeves are available to special order.

All products are available in minimum order quantity of one. Photographs feature the most representative products. Small design changes may occur (over different current ratings) from one product to another.
### Technical Specifications

**Commando Series**

**Technical Hotline:** +44 (0)1268 563720

**Ingress Protected Wiring Devices**

<table>
<thead>
<tr>
<th>Plugs</th>
<th>Connectors</th>
<th>Socket Outlets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IP44 Splashproof</strong> 480 - 500V 50 - 60 Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Amps</strong></td>
<td><strong>Pin. Configuration</strong></td>
<td><strong>Earthy</strong></td>
</tr>
<tr>
<td>16</td>
<td>3P+E</td>
<td>7</td>
</tr>
<tr>
<td>32</td>
<td>3P+E</td>
<td>7</td>
</tr>
</tbody>
</table>

- Fitted with cable entry gland.
- Switch can be locked in open or closed position. Aluminium Enclosure
- Suitable for flexible cable only. With external clamp.
- 63A With 32mm knockouts top and bottom. Will accept F13 flange top and bottom.

**IP67 Watertight** 480 - 500V 50 - 60 Hz

<table>
<thead>
<tr>
<th>Plugs</th>
<th>Connectors</th>
<th>Switch Socket Outlets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Amps</strong></td>
<td><strong>Pin. Configuration</strong></td>
<td><strong>Earthy</strong></td>
</tr>
<tr>
<td>16</td>
<td>3P+E</td>
<td>7</td>
</tr>
<tr>
<td>32</td>
<td>3P+E</td>
<td>7</td>
</tr>
</tbody>
</table>

- Switch can be locked in open or closed position. Aluminium Enclosure
- Suitable for flexible cable only. With external clamp.
- Suitable for flexible cable only. With external clamp.

63/125A plugs and inlets include pilot pins. 63A connectors and sockets with pilot sleeves are available to special order. All products are available in a minimum order quantity of one. Design changes may occur (over different current ratings) from one product to another.
### Commando

**wiring devices** | **ingress protected**
--- | ---

#### IP44 SPLASHPROOF

- **> 50V**
- **100 - 300 Hz**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth Hour Pos</th>
<th>Plugs</th>
<th>Connectors</th>
<th>Socket Outlets</th>
<th>STRAIGHT PANEL MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Fitted with cable entry gland.
- Fitted with cable entry gland.
- Top conduit (M20) or rear cable entry, complete with blanking plug.
- All flanges have the same fixing centres and outside dimensions to assist panel builders.
- Minimised flange option available (see page 258).

#### IP44 SPLASHPROOF

- **> 50V**
- **300 - 500 Hz**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth Hour Pos</th>
<th>Plugs</th>
<th>Connectors</th>
<th>Socket Outlets</th>
<th>STRAIGHT PANEL MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Fitted with cable entry gland.
- Fitted with cable entry gland.
- Top conduit (M20) or rear cable entry, complete with blanking plug.
- All flanges have the same fixing centres and outside dimensions to assist panel builders.
- Minimised flange option available (see page 258).

#### Switch Socket Outlets

- **ANGLED**
- **INTERLOCKED**
- **SURFACE**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth Hour Pos</th>
<th>Switch Socket Outlets</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td></td>
<td></td>
<td>Switch can be locked in open or closed position. Aluminium Enclosure.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Activity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>16A</td>
<td>Top conduit (M20) or rear cable entry, complete with blanking plug.</td>
</tr>
<tr>
<td>32A</td>
<td>Top conduit (M25) or rear cable entry, complete with blanking plug.</td>
</tr>
</tbody>
</table>

**www.mkelectric.co.uk**

254
<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Confg.</th>
<th>Earth Hour</th>
<th>Pos</th>
<th>Plugs</th>
<th>Connectors</th>
<th>Socket Outlets</th>
<th>STRAIGHT PANEL MOUNTING</th>
<th>ANGLED PANEL MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>2P+E</td>
<td>12</td>
<td></td>
<td>K9004GRY</td>
<td>K9104GRY</td>
<td>K9204GRY</td>
<td>K9404GRY</td>
<td>K9756GRY</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Fitted with cable entry gland.</td>
<td>Fitted with cable entry gland.</td>
<td>Top conduit (M20) or rear cable entry, complete with blanking plug.</td>
<td>All flanges have the same fixing centres and outside dimensions to assist panel builders. Minimised flange option available (see page 258).</td>
<td>16/32A new range has different fixing centres to old range. Old range is available for limited period. See technical section for details.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>K9003GRY</td>
<td>K9103GRY</td>
<td>K9203GRY</td>
<td>K9403GRY</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Fitted with cable entry gland.</td>
<td>Fitted with cable entry gland.</td>
<td>Top conduit (M20) or rear cable entry, complete with blanking plug.</td>
<td>All flanges have the same fixing centres and outside dimensions to assist panel builders. Minimised flange option available (see page 258).</td>
<td></td>
</tr>
</tbody>
</table>

All products are available in minimum order quantity of one.
Photographs feature the most representative products.
Design changes may occur (even different current ratings) from one product to another.
**Commando**

**wiring devices** | **ingress protected**  
--- | ---

**IP44 SPLASHPROOF 25V 50 - 60 Hz**

**ELV RANGE**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Configuration</th>
<th>K9018VLT</th>
<th>K9118VLT</th>
<th>K9253VLT</th>
<th>K9518VLT</th>
<th>K9725VLT</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>2P</td>
<td>K9019VLT</td>
<td>K9119VLT</td>
<td>K9254VLT</td>
<td>K9519VLT</td>
<td>K9726VLT</td>
</tr>
<tr>
<td>16</td>
<td>3P</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Top conduit or rear cable entry. Supplied with M25 blanking plug/cable entry.**

**IP44 SPLASHPROOF 50V 50 - 60 Hz**

**ELV RANGE**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Minor Key Pos</th>
<th>K9020WHI</th>
<th>K9120WHI</th>
<th>K9255WHI</th>
<th>K9520WHI</th>
<th>K9725WHI</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>2P</td>
<td>12</td>
<td>K9021WHI</td>
<td>K9121WHI</td>
<td>K9256WHI</td>
<td>K9521WHI</td>
<td>K9726WHI</td>
</tr>
<tr>
<td>16</td>
<td>3P</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Top conduit or rear cable entry. Supplied with M25 blanking plug/cable entry.**

**IP44 SPLASHPROOF 25 & 50V d.c.**

**ELV RANGE**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Minor Key Pos</th>
<th>K9022WHI</th>
<th>K9122WHI</th>
<th>K9257WHI</th>
<th>K9522WHI</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>2P</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Top conduit or rear cable entry. Supplied with M25 blanking plug/cable entry.**

All violet and white products on this page are made of Polyamide
### Commando

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

**ingress protected** | **wiring devices**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth Hour Pos</th>
<th>Configuration</th>
<th>Hour Pos</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Three Way Adaptor</strong></td>
<td>16</td>
<td>2P+E</td>
<td>4</td>
<td>K9907YEL</td>
</tr>
<tr>
<td><strong>Combi Blocks</strong></td>
<td></td>
<td></td>
<td></td>
<td>THREE WAY</td>
</tr>
<tr>
<td><strong>110 - 130V 50 - 60 Hz</strong></td>
<td></td>
<td></td>
<td></td>
<td>IP44 SPLASHPROOF</td>
</tr>
<tr>
<td><strong>Three Way Adaptor</strong></td>
<td>16</td>
<td>2P+E</td>
<td>6</td>
<td>K9908BLU</td>
</tr>
<tr>
<td><strong>Combi Blocks</strong></td>
<td></td>
<td></td>
<td></td>
<td>THREE WAY</td>
</tr>
<tr>
<td><strong>200 - 250V 50 - 60 Hz</strong></td>
<td></td>
<td></td>
<td></td>
<td>IP44 SPLASHPROOF</td>
</tr>
<tr>
<td><strong>Three Way Adaptor</strong></td>
<td>16</td>
<td>3P+E</td>
<td>6</td>
<td>K9910RED</td>
</tr>
<tr>
<td><strong>Combi Blocks</strong></td>
<td></td>
<td></td>
<td></td>
<td>THREE WAY</td>
</tr>
<tr>
<td><strong>380 - 415V 50 - 60 Hz</strong></td>
<td></td>
<td></td>
<td></td>
<td>IP44 SPLASHPROOF</td>
</tr>
<tr>
<td><strong>Three Way Adaptor</strong></td>
<td>16</td>
<td>3P+N+E</td>
<td>6</td>
<td>K9911RED</td>
</tr>
</tbody>
</table>

**PBT enclosure**
One appliance inlet and three socket outlets

**Rubber housing**

**K9907YEL**
**K9908BLU**
**K9910RED**
**K9911RED**

**amps Pin. earth**

**Config- Hour Pos**
16 2P+E  4  K9907YEL  13503  13507  13505
16 2P+E  6  K9908BLU  13504  13508  13506
16 3P+E  6  K9910RED
16 3P+N+E  6  K9911RED

**110 - 130V 50 - 60 Hz**
**200 - 250V 50 - 60 Hz**
**380 - 415V 50 - 60 Hz**
Protective Covers For Inlets

Minimised and Alternate Flanges

Spare FL Type Flange Plates Gland Plates And Gaskets

Earth Lead Adaptors And Blanking Plugs

**Commando**

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**9960BLK**
FOR 2P+E, 16A

**9965BLK**
FOR ALL 125A (IP67)

**9966BLK**
2P+E, 3P+E, 32A

**9967BLK**
FOR ALL 63A (IP44)

---

Minimised:

**K9996**
FOR 2P+E, 16A

Alternate:

**K9981**
FOR 2P+E, 16A

**K9982**
FOR 3P+E, 3P+N+E, 16A

**K9983**
FOR 2P+E, 3P+E, 3P+N+E, 32A

---

**9953GRY**
Gland Plate UNDRILLED FU13

---

**9933**
M20 X 1.5/ M20 X 1.5 THREAD SIZE
USED ON ALL 16A SOCKET OUTLETS AND APPLIANCE INLETS (EXCEPT INTERLOCKED). ALSO USED ON 16A AND 25A SAFETYSWITCHES

**9934**
M25 x 1.5/ M25 x 1.5 THREAD SIZE
USED ON ALL 32A SOCKET OUTLETS AND APPLIANCE INLETS (EXCEPT INTERLOCKED)

**9936**
PG21/ M25 X 1.5 THREAD SIZE
USED ON 16A & 32A INTERLOCKED SWITCH/SOCKET OUTLETS

**9937**
M32 X 1.5/ M32 X 1.5 THREAD SIZE
USED ON ALL 63A SOCKET OUTLETS AND APPLIANCE INLETS

---

**SUITABLE FOR**
IP44 PANEL SOCKET STRAIGHT OUTLETS

**SUITABLE FOR**
COMMANDO UNITS AND SAFETYSWITCHES

9937 must not be used on installations that are rated above 63A
Commando Industrial Plugs and Sockets

By referring to the chart below, it can be seen that there can be no interchangeability of products as the earth socket tube is placed in a different 'clock' position according to the voltage and frequency. This clock position is determined by looking into a socket-outlet from the front with the key-way at the bottom.

Unless otherwise stated all frequencies are 50-60Hz.

**Pilot Contact**
Commando accessories provided with pilot contacts, in accordance with IEC.60309: 1997 and BS EN.60309:1998 have pilot pins shorter than other pins in the unit. Connection to suitable control circuitry will provide electrical interlock as the pilot circuit will make last and break first relative to the mains supply.

The pilot contact is positioned centrally in 3P + E and 3P+N+E accessories and diametrically opposite the earthing contact in 2P+E accessories.

**Rating Code**
The rating code which is found on the rating label of each accessory gives details of rated current, rated (operating) voltage (or range of voltages), rated frequency (if not 50/60Hz) and a symbol to indicate the position of the earth contact.

(i) For all products (except extra low voltage) the position given is that of the earth pin when a socket-outlet/connector is viewed from the front with the key-way at the bottom. When viewing a plug/appliance inlet from the front with the key-way at the bottom, the position of the earth pin is reversed, ie., a 10 o’clock will appear at 2 o’clock and other positions are relative.

(ii) For extra low voltage products (ie., white and violet) the position given is that of the minor key when a socket-outlet is viewed from the front with the major key at the bottom. When viewing a plug/appliance inlet from the front with the major key-way at the bottom, the position of the minor key-way is reversed, ie., 10 o’clock will appear as 2 o’clock and other positions are relative.

**Voltage**

25
50
100 - 130
200 - 250
346 - 460
500 - 750
>50, 100 - 500Hz

**Colour code**

By referring to the chart below, it can be seen that there can be no interchangeability of products as the earth socket tube is placed in a different ‘clock’ position according to the voltage and frequency. This clock position is determined by looking into a socket-outlet from the front with the key-way at the bottom.

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(ii) For extra low voltage products (ie., white and violet) the position given is that of the minor key when a socket-outlet is viewed from the front with the major key at the bottom. When viewing a plug/appliance inlet from the front with the major key-way at the bottom, the position of the minor key-way is reversed, ie., 10 o’clock will appear as 2 o’clock and other positions are relative.

**Voltage**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Colour code</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td></td>
</tr>
<tr>
<td>100 - 130</td>
<td></td>
</tr>
<tr>
<td>200 - 250</td>
<td></td>
</tr>
<tr>
<td>346 - 460</td>
<td></td>
</tr>
<tr>
<td>500 - 750</td>
<td></td>
</tr>
<tr>
<td>&gt;50, 100 - 500Hz</td>
<td></td>
</tr>
</tbody>
</table>

**MAJOR AND MINOR KEY POSITIONS FOR ELV SOCKETS**

- 25V ~
- 25V ~ and 50V ~
- 50V ~

- No minor key
- Minor key at 10 o’clock
- Minor key at 12 o’clock

**Key for symbols**
- a.c.: alternating current
- d.c.: direct current
- isolating transformer