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.

- **Clear markings and terminal identification**
- **Clear instructions for cable strip length, tightening torque and opening of the product.**
### Commando

**IP44**  
**SPLASHPROOF**  
**100 - 130V**  
**50 - 60 Hz**

#### Plugs

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Config.</th>
<th>Earth Hour Pos</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
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</tr>
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**K9000YEL**  
**K9005YEL**  
**K9013YEL**  
**K9032YEL**  
**K9043YEL**

Fitted with cable entry gland.  
BS EN 60309

#### Connectors

#### Socket Outlets

**ANGLED**  
**SURFACE**

<table>
<thead>
<tr>
<th>Amps</th>
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**K9023YEL**  
**K9053YEL**  
**K9294YEL**

**K9123YEL**  
**K9155YEL**  
**K9855YEL**

#### STRAIGHT

**SURFACE – LOOP IN**

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**K9134YEL**  
**K9235YEL**  
**K9239YEL**

**K9200YEL**  
**K9213YEL**  
**K9232YEL**

**K921YEL**  
**K9232YEL**  
**K9432YEL**

**K13200YEL**  
**K1332YEL**  
**K13232YEL**

**K9400YEL**  
**K9413YEL**  
**K9432YEL**

Fitted with cable entry gland.  
BS EN 60309

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

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

All flanges have the same fixing centres and outside dimensions to assist panel builders.  
Minimised flange option available (see page 258).  
BS EN 60309

---

### IP67

**WATERPROOF**  
**100 - 130V**  
**50 - 60 Hz**

#### Plugs

#### Connectors

#### Socket Outlets

**ANGLED**  
**SURFACE**

<table>
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<th>Pin. Config.</th>
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<tr>
<td>63</td>
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**K9023YEL**  
**K9053YEL**  
**K9294YEL**

**K9123YEL**  
**K9155YEL**  
**K9855YEL**

**K9193YEL**  
**K9761YEL**  
**K9865YEL**

**K13023YEL**  
**K13053YEL**  
**K13053YEL**

Suitable for top entry 2 x Ø25  
BS EN 60309

Suitable for top entry 2 x Ø25  
BS EN 60309

All flanges have the same fixing centres and outside dimensions to assist panel builders.  
BS EN 60309

---

### IP44

**SPLASHPROOF**  
**100 - 130V**  
**50 - 60 Hz**  
16 Amps  
2P+E

#### Socket Outlets

**TWIN**  
**SURFACE**

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<td>3P+N+E</td>
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</table>

**K13143YEL**  
**K13043YEL**

**K13043YEL**  
**K13043YEL**

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.
### Socket Outlets

**Panel Mounting**

- **Anti-Vandal Protection**
- **Mounting Directly**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>K9767YEL</td>
<td>K9600YEL</td>
</tr>
<tr>
<td>K9769YEL</td>
<td>K9632YEL</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

### Switchsocket Outlets

**Angled**

- **Interlocked**
- **Surface**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<td>K9600YEL</td>
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</tbody>
</table>

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

### Appliance Inlets

**Angled**

- **Surface**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>K9767YEL</td>
<td>K9600YEL</td>
</tr>
<tr>
<td>K9769YEL</td>
<td>K9632YEL</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

**Suitable for top entry 2 x Ø25.**

Switch can be locked in open position. BS EN 60309

**Suitable for top entry 2 x Ø25.**

Switch can be locked in open position. BS EN 60309

With 25mm knockout at top.

Will also accept FL13 flange (top). Bottom entry M25. BS EN 60309

With 25mm knockout at 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

**Appliance Inlets Panels**

Suitable for top entry:

- 2 x Ø25.
- Switch can be locked in open position. In closed position by removing the tab. BS EN 60309

BS EN 60309

See page 258 for details of spare or alternative FL type flanges.
**IP44 SPLASHPROOF**
200 - 250V
50 - 60 Hz

**Plugs**
- BS EN 60309

**Connectors**
- BS EN 60309

**Socket Outlets**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
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<th>Hour</th>
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<tr>
<td>63</td>
<td>3P + E</td>
<td>9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**STRAIGHT PANEL MOUNTING**

- Suitable for top entry 2 x ø25.
- Fitted with terminals for Loop In 2 x 10mm².
- BS EN 60309

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

**Plugs**

**Connectors**

**Socket Outlets**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth</th>
<th>Hour</th>
<th>Pos</th>
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<tr>
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**STRAIGHT PANEL MOUNTING**

- Suitable for top entry 2 x ø25.
- BS EN 60309

**IP44 SPLASHPROOF**
200 - 250V
50 - 60 Hz
16 Amps
2P + E

**Socket Outlets**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth</th>
<th>Hour</th>
<th>Pos</th>
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</thead>
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<tr>
<td>16</td>
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<tr>
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<tr>
<td>63</td>
<td>3P + E</td>
<td>9</td>
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<td></td>
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</table>

**STRAIGHT PANEL MOUNTING**

- Suitable for top entry 2 x ø25.
- BS EN 60309

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 except K9001 and K9101 which have minimum order quantity of 10. Photographs feature the most representative products. Design changes may occur (over different current ratings) from one product to another.
Socket Outlets

**ANGLED PANEL MOUNTING**

- **K9771BLU**
- **K9772BLU**
- **K9773BLU**
- **K9774BLU**
- **K9768BLU**
- **K9544BLU**

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

Switch can be locked in open or closed position
BS EN 60309

Aluminium Enclosure

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

**Switchsocket Outlets**

**ANGLED INTERLOCKED SURFACE**

- **K13601BLU**
- **K9601BLU**
- **K9607BLU**
- **K13633BLU**
- **K9633BLU**
- **K9634BLU**
- **K9643BLU**
- **K9656BLU**
- **K9306BLU**
- **K9311BLU**
- **K9701BLU**
- **K9710BLU**
- **K9733BLU**
- **K9740BLU**
- **K9758BLU**

**Appliance Inlets**

**ANGLED SURFACE**

- **K9803BLU**
- **K9866BLU**
- **K9825BLU**

16/32A. All flanges have the same fixing centres and outside dimensions to assist panel builders.
BS EN 60309

16/32A Suitable for top entry 2 x Ø25.
125A 2 x 23/47mm knockouts top and bottom. Switch can be locked in open position. In closed position by removing the tab.
BS EN 60309

16/32A With 25mm knockout at top. Will also accept Fl13 flange stop.
Bottom entry M25.
BS EN 60309

16/32A With 41mm knockout at top. Will also accept Fl13 flange stop.
Bottom entry M25.
BS EN 60309

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.
BS EN 60309

**Switch can be locked in open or closed position**

BS EN 60309

See page 258 for details of spare or alternative FL type flanges.
**IP44 Splashproof 380 - 415V 50 - 60 Hz**

**Plugs**

- **63A**: Fitted with cable entry gland. Thread size M48.

**Connectors**

**Socket Outlets**

- **SURFACE**
  - **ANGLED**
  - **SURFACE - LOOP IN**
  - **STRAIGHT**
  - **PANEL MOUNTING**

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

**Plugs**

**Connectors**

**Socket Outlets**

- **SURFACE**
  - **ANGLED**
  - **SURFACE - LOOP IN**
  - **STRAIGHT**
  - **PANEL MOUNTING**

---

**Notes:**

- Suitable for flexible cable only. 63A and 125A have external clamp.
- Suitable for flexible cable only. 63A and 125A have external clamp.
- 2 x 29/37mm knockouts (top), 1 x Ø29 and 1 x Ø23 knockout (bottom). Will accept FL13 flanges top and bottom.
- Suitable for top entry 2 x Ø25. Fitted with terminals for Loop In 2 x 10mm².
- 16/32A All flanges have the same fixing centres and outside dimensions to assist panel builders. Minimised flange option available (see page 258).

---

**Dimensions:**

- **Amps Pin. Earth Hour Pos.**
- **Config-utation**

---

**MK by Honeywell**

**www.mkelectric.co.uk**
### Commando

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

**Ingress Protected** | **Wiring Devices**

#### Socket Outlets
- **Angled Panel Mounting**
- **Surface**

#### Switchsocket Outlets
- **Angled Interlocked Surface**

#### Appliance Inlets
- **Angled Surface**

#### Appliance Inlet Panels

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<table>
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<tr>
<th>Product Code</th>
<th>Alternate Codes</th>
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<td>K9706RED</td>
<td>K9711RED, K9736RED, K9741RED, K9768RED</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.

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

- **Switch can be locked in open position.**
- **Suitable for top entry.**

**16/32A** with 25mm knockout at top. Will also accept FL13 flange top and bottom. Bottom entry M25.

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

**63A** with 32mm knockouts top and bottom. Will accept FL13 flanges top and bottom.

**16/32A** with 29mm knockout at top. Will also accept FL13 flange top and bottom. Bottom entry M25.

**16/32A** with 29mm knockout at top and bottom. Switch can be locked in open position by removing the tab.

**16/32A** suitable for top entry. 2 x Ø15.

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

**16/32A** suitable for top entry. 2 x Ø15.

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

**16/32A** with 29mm knockout at top and bottom. Conduit entry M25.

**63A** with 29mm knockout at top and bottom. Will accept FL13 flanges top and bottom.

**1 x M30/M32** top.

**2 x M30/M32** top and bottom.

**1 x M30/M32** bottom. Will accept FL13 flanges top and bottom.

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

---

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

**wiring devices | ingress protected**

www.mkelectric.co.uk

---

**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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</table>

**Plugs**

**Connectors**

**Socket Outlet**

**ANGLED SURFACE**

**Switchsocket**

**Interlocked SURFACE**

**Fitted with cable entry gland.**

**SuiTABLe For MArine InstallATions**

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

**32A Top conduit (M25) 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).**

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

**Old range is available for limited period.**

See technical section for details.

---

**Switchsocket Outlets**

**ANGLED PANEL MOUNTING**

**SURFACE**

---

**IP44 SPLASHPROOF 440 - 460V 60 Hz**

**SUITABLE FOR MARINE INSTALLATIONS**

<table>
<thead>
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<th>Config.</th>
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<th>Pos</th>
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</table>

**Switch can be locked in open or closed position.**

**Aluminium Enclosure.**

---

**IP67 WATERTIGHT 440 - 460V 60 Hz**

**SUITABLE FOR MARINE INSTALLATIONS**

<table>
<thead>
<tr>
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<th>Config.</th>
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<th>Pos</th>
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<td>11</td>
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</tr>
<tr>
<td>63</td>
<td>3P+N+E</td>
<td></td>
<td></td>
<td>11</td>
<td>K9293RED</td>
</tr>
<tr>
<td>125</td>
<td>3P+E</td>
<td></td>
<td></td>
<td>11</td>
<td>K9093RED</td>
</tr>
</tbody>
</table>

**Plugs**

**Connectors**

**Socket Outlet**

**ANGLED SURFACE**

**Switchsocket Outlet**

**ANGLED INTERLOCKED SURFACE**

**SURFACE**

**Suitable for flexible cable only.**

**Suitable for flexible cable only.**

**Suitable for flexible cable only.**

**2 x 23/47mm knockouts top and bottom.**

**2 x 23/47mm knockouts top and bottom.**

**2 x 23/47mm knockouts top and bottom.**

**With 32mm knockouts top and bottom.**

**Will accept FL13 flange top and bottom.**

---

63A plugs and sockets are available to special order.

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

125A Switchsocket interlocked outlets with pilot sleeves are available to special order.
### Technical Hotline
+44 (0)1268 563720

**Ingress Protected** | **Wiring Devices**

---

### Plugs

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin.</th>
<th>Config-</th>
<th>Hour</th>
<th>Pos.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>3P+ E</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>3P+ E</td>
<td>7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Technical Specifications
- **Configuration**: IP44 Splashproof 480 - 500V 50 - 60 Hz
- **Current Rating**: 16A, 32A
- **Earth**: Yes
- **Hour**: Yes
- **Pos.**: Yes
- **Fitted with cable entry gland.**

### Connectors

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

#### Technical Specifications
- **Configuration**: IP44 Splashproof 480 - 500V 50 - 60 Hz
- **Current Rating**: 63A
- **Earth**: Yes
- **Hour**: Yes
- **Pos.**: Yes
- **63A with 32mm knockouts top and bottom. Will accept flange top and bottom.**

### Switch Socket Outlets

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

#### Technical Specifications
- **Configuration**: IP44 Splashproof 480 - 500V 50 - 60 Hz
- **Current Rating**: 16A, 32A
- **Earth**: Yes
- **Hour**: Yes
- **Pos.**: Yes
- **Switch can be locked in open or closed position. Aluminium Enclosure**
- **16A Top conduit (M20) or rear cable entry, complete with blanking plug.**
- **32A Top conduit (M25) or rear cable entry, complete with blanking plug.**

### Appliance Inlets

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

#### Technical Specifications
- **Configuration**: IP44 Splashproof 480 - 500V 50 - 60 Hz
- **Current Rating**: 63A
- **Earth**: Yes
- **Hour**: Yes
- **Pos.**: Yes
- **Switch can be locked in open or closed position. Aluminium Enclosure**
- **63A Top conduit (M20) or rear cable entry, complete with blanking plug.**
- **32A Top conduit (M25) or rear cable entry, complete with blanking plug.**

---

### Switch Socket Inlets

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

#### Technical Specifications
- **Configuration**: IP67 Watertight 480 - 500V 50 - 60 Hz
- **Current Rating**: 63A
- **Earth**: Yes
- **Hour**: Yes
- **Pos.**: Yes
- **Suitable for flexible cable only. With external clamp.**
- **63A With 32mm knockouts top and bottom. Will accept flange top and bottom.**
### Commando

**wiring devices | ingress protected**

www.mkelectric.co.uk

**IP44 SPLASHPROOF >50V 100 - 300 Hz**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth</th>
<th>Hour</th>
<th>Pos</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>3P+E</td>
<td>10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Plugs**: Fitted with cable entry gland.
- **Connectors**: Fitted with cable entry gland.
- **Socket Outlets**: Top conduit (M20) or rear cable entry, complete with blanking plug.
- **Switch**: 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</th>
<th>Hour</th>
<th>Pos</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>3P+E</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>3P+N+E</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>3P+N+E</td>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### Switch Socket Outlets

**IP44 SPLASHPROOF >50V >300 - 500 Hz**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin. Configuration</th>
<th>Earth</th>
<th>Hour</th>
<th>Pos</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>3P+E</td>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Switch**: Can be locked in open or closed position. Aluminium enclosure.
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**
- **IP44 SPLASHPROOF 25 & 50V d.c.**

### ELV RANGE

#### Plugs

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

#### Connectors

- Straight Surface
- Angled Panel Mounting

#### Socket Outlets

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

#### Appliance Inlets

- Surface

---

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

---

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

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

### Ingress Protected | Wiring Devices

#### Three Way Adaptor
- **110 - 130V 50 - 60 Hz**
  - IP44 SPLASHPROOF

#### Combi Blocks
- **THREE WAY**
- **TWO WAY**
- **TWO WAY 30mA RCD PROTECTED**
  - IP44 SPLASHPROOF
  - IP57 WATERTIGHT

### Table

<table>
<thead>
<tr>
<th>Amps</th>
<th>Pin, Configuration</th>
<th>Earth Hour Pos</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>16</strong></td>
<td>2P+E</td>
<td><strong>K9907YEL</strong></td>
</tr>
<tr>
<td><strong>13503</strong></td>
<td></td>
<td><strong>13507</strong></td>
</tr>
<tr>
<td><strong>200 - 250V 50 - 60 Hz</strong></td>
<td><strong>K9908BLU</strong></td>
<td><strong>13504</strong></td>
</tr>
<tr>
<td><strong>380 - 415V 50 - 60 Hz</strong></td>
<td><strong>K9910RED</strong></td>
<td></td>
</tr>
</tbody>
</table>

### PBT Enclosure
- One appliance inlet and three socket outlets

### Rubber Housing
- Rubber housing

---

**Configuration Pos**
- 16 2P+E 4
- 16 2P+E 6
- 16 3P+E 6
- 16 3P+N+E 6
- 16 3P+NE 6
Commando

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**Protective Covers For Inlets**
- 9960BLK FOR 2P+E, 16A
- 9965BLK FOR ALL 125A (IP67)
- 9966BLK 2P+E, 3P+E, 32A
- 9967BLK FOR ALL 63A (IP44)

**Minimised and Alternate Flanges**
- 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

**Spare FL Type Flange Plates Gland Plates And Gaskets**
- 9953GRY Gland Plate UNDRILLED FL13

**Earth Lead Adaptors And Blanking Plugs**
- 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 32A 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 SWITCHES SOCKET OUTLETS
- 9937 M32 x 1.5/ M32 x 1.5 THREAD SIZE USED ON ALL 63A SOCKET OUTLETS AND APPLIANCE INLETS

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 (250-440V~ 60Hz)
- 50 (440-460V~ 60Hz)
- 100 - 130 (347-600V~)
- 200 - 250 (200/346-240/415V~ 50Hz)
- 250/440V 60Hz
- >50V
- 100-300Hz

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

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

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