Insulect Air Break Switches (ABS) are designed, assembled and tested in Australia. Our range is widely installed throughout distribution networks for isolation or switching applications.

**12, 24, 36kV voltage rating**

We have two sizes: 12/24kV and 36kV with current ratings from 630A up to 1250A.

**Vertical or side break**

Each variant can be configured in a side break or vertical break arrangement.

**Horizontal or vertical install**

The switches can be mounted in horizontal or vertical (pole top or mid pole) configurations.

**Local design and testing**

Designed and tested in Australia in accordance with AS 62271.102 / IEC 62271:102.

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**Features**

**MODULAR DESIGN**

We readily provide custom design changes to suit individual customer requirements, as well as modular or unitised factory assembly for more rapid installation.

**MANUAL OR MOTORISED**

Available with conventional operating rod and handle, with patented hook stick actuator. Able to be fitted with motorised operation as well as remote control facilities.

**INSULATORS**

Choose from Porcelain, Silicon or Cycloaliphatic insulators.

**OPTIONS**

Associated earthing switch available. Load interrupter to break up to 630 amps.
**Technical Specifications**

<table>
<thead>
<tr>
<th></th>
<th>Rated Voltage (rms)</th>
<th>LIWV (BIL)</th>
<th>Power Frequency</th>
<th>Continuous Current</th>
<th>Load Breaking Capacity</th>
<th>Short Circuit Withstand</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kV</td>
<td>kVp</td>
<td>kv</td>
<td>A</td>
<td>A Switch</td>
<td>A Switch</td>
</tr>
<tr>
<td>Side Break</td>
<td>12/24</td>
<td>150</td>
<td>50</td>
<td>Up to 1250</td>
<td>15</td>
<td>630</td>
</tr>
<tr>
<td></td>
<td>36</td>
<td>170</td>
<td>70</td>
<td>Up to 1250</td>
<td>15</td>
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</tr>
</tbody>
</table>

**Typical Configurations**

- Pole Top, Side Break Switch with manual operating handle.
- Pole Top, Side Break Switch with hook stick actuator.
- Mid Pole, Side Break Switch with manual operating handle and associated Earth Switch.
- Mid Pole, Vertical Break Switch with manual operating handle.

**Ordering Information**

- Side Break or Vertical Break
- 12/24 kV or 36 kV
- Current Rating
- Pole top or mid pole designs
- Unitised or Modular
- Operating Mechanism: manual handle, hook stick actuator, motor operation (local/remote or SCADA)
- Load Break option

**Insulect Australia**

- p: 1300 446 565
- e: sales@insulect.com
- w: insulect.com