High powered dimming

The configurable solution for Architectural dimmers
The smart choice for flexible dimming

**Configurable to suit your requirements at the specification stage of a building**

It is not always possible to know the final load type or load size for all circuits at the specification stage of a building. Clipsal’s innovative range of high powered Architectural dimmers offers you the convenient option of a fully configurable chassis.

Clipsal’s dimmers are configurable for any application, ensuring consistent lighting design for specific requirements. Install an empty chassis during the specification stage, then when the final lighting design has been decided, it’s simply a matter of installing the channel cards to suit your customers’ exact needs, reducing costs and saving time.

**Flexible load capacity**

Clipsal’s Architectural dimmers are C-Bus controlled and constructed to suit dynamic environments where mixed load quantities and sizes are required. A maintained active output is provided on each channel for emergency lighting.

Clipsal’s Architectural dimmers are compatible with a wide range of load types, including incandescent and halogen lamps, transformer-based low voltage lamps and neon tube lighting.

**Inbuilt protection**

With the unique feature of a switchboard and dimmer in one unit, each Architectural dimmer has on-board MCB protection per channel, thermal overload protection and internally accommodates the full RCD requirements of AS/NZS3000:2007.
Robust for the most demanding environments

Designed without cooling fans or any other moving parts, the dimmers ensure the lowest cost of ownership and quietest operation to suit the most rigorous requirements. Should an excessive load current cause an over-temperature condition, the dimmer channel automatically reduces the output power until the condition is rectified.

C-Bus integration and greater accreditation

All dimmers integrate seamlessly with Clipsal’s C-Bus Control System, with options for integration to DMX and Building Managements Systems. Clipsal’s wide range of complementary products provides a consistent look for all on-wall requirements, such as DLTs, touch screens and light switches.

Every dimmer is designed to the highest standard for a wide range of international markets. They comply with comprehensive EMC and electrical safety standards. All products come with a two year warranty after installation.

Easy to install and maintain

The modularity of the dimmer allows it to be easily maintained. Each channel card has a bypass switch, which permits direct local override of the lighting circuit and enables easy replacement of new channel cards.

Add circuits or change load types easily to suit the building’s requirements. Mounting brackets fix to the wall independently of the dimmer for easier installation and better support.
## Standard Models

<table>
<thead>
<tr>
<th>Professional Dimmers</th>
<th>3 Channel</th>
<th>6 Channel</th>
<th>12 Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Amp Leading Edge</td>
<td>L510300LPR1</td>
<td>L510600LPR3</td>
<td>L511200LPR6</td>
</tr>
<tr>
<td>5 Amp Leading Edge</td>
<td>L510301LPR1</td>
<td>L510601LPR3</td>
<td>L511201LPR6</td>
</tr>
<tr>
<td>10 Amp Leading Edge</td>
<td>L510302LPR1</td>
<td>L510602LPR3</td>
<td>L511202LPR6</td>
</tr>
<tr>
<td>16 Amp Leading Edge</td>
<td>L511206LPR6</td>
<td></td>
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</tr>
<tr>
<td>20 Amp Leading Edge</td>
<td>L510310LPR1</td>
<td>L510610LPR3</td>
<td>L511210LPR6</td>
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<th>12 Channel</th>
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<tbody>
<tr>
<td>5 amp Universal</td>
<td>L510305UAR1</td>
<td>L510605UAR3</td>
<td>L511205UAR6</td>
</tr>
<tr>
<td>10 amp Universal</td>
<td>L510310UAR1</td>
<td>L510610UAR3</td>
<td>L511210UAR6</td>
</tr>
<tr>
<td>16 amp Universal</td>
<td>L510316UAR1</td>
<td>L510616UAR3</td>
<td>L511216UAR6</td>
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<tr>
<td>20 amp Universal</td>
<td>L510320UAR1</td>
<td>L510620UAR3</td>
<td>L511220UAR6</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Self configure Models</th>
<th>6 Channel</th>
<th>12 Channel</th>
<th>6 Channel no RCD</th>
<th>12 Channel no RCD</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Amp Chassis</td>
<td>L510610LP</td>
<td>L511210LPR12C</td>
<td>L510610LPC</td>
<td>L511210LPC</td>
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## Standards Complied

- **Australian/New Zealand EMC & Electrical Safety Frameworks and Standards**
  - EMC: AS/NZS CISPR14-1, CISPR15
  - Electrical Safety: IEC 60669-2-1

- **European Council Directives and Standards**
  - Low Voltage Directive: EN 60436-1, 60669-2-1
  - RoHS Directive: IEC 60439-1, 60669-2-1
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