

**CLIPSAL**<sup>®</sup>

by **Schneider Electric**

C-Bus<sup>®</sup>



# High powered dimming

The configurable solution for Architectural dimmers

[clipsal.com](https://clipsal.com)



# 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.

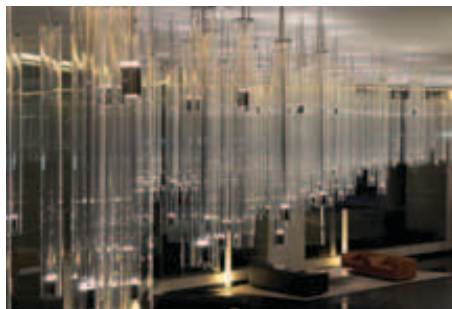
## **Flexible load capacity**

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.



Fully configurable Architectural dimmers suit many applications, such as theatres, ballrooms, function centres, hotels, restaurants and office buildings.

### **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.

## Electrical Specifications

### Standard Models

Professional Dimmers	3 Channel 1 RCD	6 Channel 3 RCD	6 Channel 6 RCD	12 Channel 6 RCD	12 Channel 12 RCD	3 Channel no RCD	6 Channel no RCD	12 Channel no RCD
3 Amp Leading Edge							L5106D3LP	L5112D3LP
5 Amp Leading Edge	L5103D5LPR1	L5106D5LPR3	L5106D5LPR6	L5112D5LPR6	L5112D5LPR12	L5103D5LP	L5106D5LP	L5112D5LP
10 Amp Leading Edge	L5103D10LPR1	L5106D10LPR3	L5106D10LPR6	L5112D10LPR6	L5112D10LPR12	L5103D10LP	L5106D10LP	L5112D10LP
16 Amp Leading Edge					L5112D16LPR12			L5112D16LP
20 Amp Leading Edge	L5103D20LPR1	L5106D20LPR3	L5106D20LPR6		L5112D20LPR12	L5103D20LP	L5106D20LP	L5112D20LP

Architectural Dimmers	3 Channel 1 RCD	6 Channel 3 RCD	6 Channel 6 RCD	12 Channel 6 RCD	12 Channel 12 RCD	3 Channel no RCD	6 Channel no RCD	12 Channel no RCD
5 amp Universal	L5103D5UAR1	L5106D5UAR3		L5112D5UAR6		L5103D5UA	L5106D5UA	L5112D5UA
10 Amp Universal	L5103D10UAR1	L5106D10UAR3		L5112D10UAR6		L5103D10UA	L5106D10UA	L5112D10UA
16 Amp Universal	L5103D16UAR1		L5106D16UAR6			L5103D16UA	L5106D16UA	
20 Amp Universal	L5103D20UAR1		L5106D20UAR6			L5103D20UA	L5106D20UA	

### Self configure Models

Professional Dimmers	6 Channel 6 RCD	12 Channel 12 RCD	6 Channel no RCD	12 Channel no RCD
10 Amp Chassis	L5106D10LPR6C	L5112D10LPR12C	L5106D10LPC	L5112D10LPC
20 Amp Chassis	L5106D20LPR6C	L5112D20LPR12C	L5106D20LPC	L5112D20LPC

Architectural Dimmers	6 channel 6 RCD	12 Channel 12 RCD	6 channel no RCD	12 Channel no RCD
10 Amp Chassis	L5106D10UAR6C	L5112D10UAR12C	L5106D10UAC	L5112D10UAC
20 Amp Chassis	L5106D20UAR6C		L5106D20UAC	

Channel cards	
10 Amp Leading Edge	L51CM-SLE10
16 Amp Leading Edge	L51CM-SLE16
20 Amp Leading Edge	L51CM-SLE20
5 amp Universal	L51CM-SU5
10 Amp Universal	L51CM-SU10
20 Amp Universal	L51CM-SU20
10 Amp Trailing Edge	L51CM-STE10
DSI/DALI/0-10V/Relay Ballast card	L51CM-SB

## 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		EMC	EMC Directive 2004/108/EC EN 60669-2-1 Clause 26.1, 26.2 EN 55014-1, 55015, 61000-3-2, 61000-3-3, 61000-3-5, 61000-3-11
		Low Voltage Directive	EN 60436-1, 60669-2-1
		Electrical Safety	IEC 60439-1, 60669-2-1
		RoHS Directive	2002/95/EC

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