

# Medium Power

Universal Dimmer

800W

**CLIPSAL**<sup>®</sup>

by Schneider Electric



Robust design.  
Unrivalled flexibility.

  
The Clear Choice

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

## Medium Power

Universal Dimmer

800W

**Integrally switched,** rotary controlled

### A Truly Universal Dimmer

Clipsal's innovative Medium Power Universal Dimmer can be tailored to suit almost any application. Rated at 800W and designed for universal load compatibility, the unit utilises sophisticated dimming technology to provide full control of a wide range of load types.

Clipsal's Medium Power Universal Dimmer provides unrivalled flexibility. It can even control small motor loads such as ceiling and exhaust fans.

### Unparalleled Robustness

The dimmer incorporates several sophisticated safety measurements such as short circuit protection, thermal overload compensation and cut-out. These mechanisms prevent damage to the device in case of overload, wiring faults and failure of the load.

### Switch to a New Design

The Clipsal Medium Power Universal Dimmer is packed with features. It is integrally switched and rotary controlled, which conveniently incorporates push-button ON/OFF and rotary dimming control into the one device.

Available in a wide range of plate styles you will be sure to find an attractive dimming solution for any project or application.

# Australia's truly universal dimmer

- > **Rated at 800W and designed for universal load compatibility**
- > **Short circuit protection and thermal overload compensation**
- > **Available in a wide range of plate styles and colours**

#### MEDIUM POWER UNIVERSAL DIMMER

Push ON/OFF and rotary dimming control	✓
Two-way switching is supported by using the remote switch input	✓
User selectable automatic, leading edge and trailing edge dimming mode	✓
Kick-Start option for Dimmable CFLs and small motor loads	✓
Compatible with selected Dimmable CFL and LED loads	✓

R E S I D E N T I A L

## 800W Universal

dimming technology,  
with **short circuit**  
protection

STANDARD  
SERIES



SERIES  
2000



CLASSIC  
C2000



SLIM  
SC2000



## State-of-the-art dimming technology



### Features & Benefits

Clipsal's Medium Power Universal Dimmer offers exceptional features and benefits.

- 800W Universal dimming technology
- Integrally switched and rotary controlled
- Short circuit protection
- Suitable for a wide range of load types
- Dimming mode
  - » Auto: dynamically selects the appropriate dimming mode
  - » TE/LE: Trailing or Leading Edge mode can be manually selected for full control and to handle loads that are challenging to detect
- Soft/Kick-Start mode
  - » Soft-Start: ramps the brightness up slowly to provide a smooth transition
  - » CFL Kick-Start: delivers extra power to spark Dimmable CFL loads ensuring reliable lamp strike
  - » Motor Kick-Start: brings motor loads up to speed as quickly as possible
- Adjustable minimum brightness setting
- Fault indicator
- Two-way/remote switch input
- Two-year warranty

C O M M E R C I A L

LINE 1000

ECLIPSE

METALPLATE RANGE

SATURN



A **comprehensive range** of plate styles and colours

## Technical information

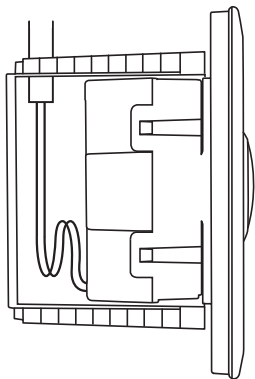
### Product Catalogue Numbers

	Cat No.	Description	Series	Colours Available
Dimmer Plates	31E4RUD	Universal Dimmer, ISRC, 220-240V~, 50Hz, 800W	Standard Range	WE, BK, CM, SG, BR, DS
	2031E4RUD	Universal Dimmer, ISRC, 220-240V~, 50Hz, 800W	2000 Series	WE, BK, CM, SG, BR, DS
	C2031E4RUD	Universal Dimmer, ISRC, 220-240V~, 50Hz, 800W	Classic Series	WE, BK, CM, SG, BR, DS
	SC2031E4RUD	Universal Dimmer, ISRC, 220-240V~, 50Hz, 800W	Slimline Series	WE, BK, CM, SG, BR, DS
	SL2031E4RUD	Universal Dimmer, ISRC, 220-240V~, 50Hz, 800W	Eclipse Series	WE, BK, CM, SG, BR, DS
	4061E4RUD	Universal Dimmer, ISRC, 220-240V~, 50Hz, 800W	Saturn Series	PW, OM, EB
	BBSL31E4RUD	Universal Dimmer, ISRC, 220-240V~, 50Hz, 800W	Stainless Steel Metal Plate Series	WE, BK
	BBSL31E4RUD	Universal Dimmer, ISRC, 220-240V~, 50Hz, 800W	Brass Metal Plate Series	WE, BK

### Load Compatibility Chart

LOAD SYMBOL	COMPATIBLE LOADS AND MAXIMUM SIZE	31E4RUD
		INTEGRALLY SWITCHED, ROTARY CONTROLLED UNIVERSAL DIMMER "ISRC Series"
	Incandescent Lighting MV Halogen/Dichroic Lamps	800W
	Low Voltage Halogen/Dichroic Lighting with Iron-Core Transformers	800W
	Low Voltage Halogen/Dichroic Lighting with Electronic Transformers	800W
	Dimmable Compact Fluorescent Lamps (Selected makes/models only. Please contact CFL supplier for compatibility advice)	400W
	Dimmable LED Lighting (Please visit clipsal.com/load for recommended loads. For other loads, contact the LED supplier for compatibility advice.)	400W
	Small Motor Loads - Exhaust Fans (shaded pole induction motors) - Ceiling Fans (split-phase induction motors)	800W

Please refer to the instructions supplied with the product or online at clipsal.com for further technical information.



For installations that require a wall box, use the new Clipsal deep wall box (Cat. No. 157/1PRMD) for best results.



### Technical Specifications

Parameter	Value												
Nominal Operating Voltage	220 – 240V~												
Nominal Operating Frequency	50Hz												
Maximum Load	800W @ 240V~ 800W @ 220V~												
Minimum Load	10W												
Dimming Technique	Universal Dimming Leading Edge/Trailing Edge Phase Control (dynamically auto-selected)												
Compatible Loads	<table border="0"> <tr> <td></td> <td>Incandescent Lighting Halogen 240V Lamps</td> </tr> <tr> <td></td> <td>Low Voltage Lighting with Iron-Core Transformers</td> </tr> <tr> <td></td> <td>Low Voltage Lighting with Electronic Transformers</td> </tr> <tr> <td></td> <td>Dimmable Compact Fluorescent Lamps (selected makes/models only, 400W max.)</td> </tr> <tr> <td></td> <td>Dimmable LED Lighting (selected makes/models only, 400W max.)</td> </tr> <tr> <td></td> <td>Small Motor Loads - Exhaust Fans (shaded pole induction motors) - Ceiling Sweep Fans (split-phase induction motors)</td> </tr> </table>		Incandescent Lighting Halogen 240V Lamps		Low Voltage Lighting with Iron-Core Transformers		Low Voltage Lighting with Electronic Transformers		Dimmable Compact Fluorescent Lamps (selected makes/models only, 400W max.)		Dimmable LED Lighting (selected makes/models only, 400W max.)		Small Motor Loads - Exhaust Fans (shaded pole induction motors) - Ceiling Sweep Fans (split-phase induction motors)
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Incompatible Loads	Non-Dimmable Fluorescent / Compact Fluorescent Lighting												
Operating Temperature Range	0 to 45°C												
Operating Humidity Range	10 to 90% R.H. (non-condensing)												
Mounting Centres	84mm Australian Pattern Plate												
Terminal Capacity	3 x 2.5mm <sup>2</sup>												
Safety Compliance	AS/NZS3100, IEC60669-2-1												
EMC Compliance	AS/NZS CISPR15, IEC61000-3-2 (except when used in conjunction with certain electronic loads, including Dimmable CFL lamps)												
Specifications Typical @ 240V~ 25°C													
No User Serviceable Parts Inside													

Find out how Clipsal Medium Power Universal Dimmers can benefit your next project. Contact your nearest Clipsal Representative, electrical wholesaler or visit clipsal.com

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Follow the links off the home page or access the following page directly:  
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