Integrally Switched
Universal Dimmer
Rotary Controlled

CLIPSAL®
by Schneider Electric



One dimmer does it all

c-thru®
The Clear Choice

clipsal.com

Integrally Switched Universal Dimmer
Rotary Controlled

State-of-the-art dimming technology

Innovative Design

Designed to reduce visual clutter on the wall, Clipsal's Integrally Switched Rotary Controlled Universal Dimmer incorporates on/off switching and dimming control into one mechanism.

The dimming performance has been optimised to ensure smooth, linear dimming across the control range.

Clipsal C-Thru® Dimmers also offer considerable flexibility. They can be used to control loads such as incandescent lamps, 240V halogen lamps, dichroic lamps and low voltage lighting that uses iron-core or electronic transformers.

The Clipsal C-Thru Integrally Switched Rotary Controlled Universal Dimmers set new industry standards for compatibility and reducing the space required in a wall plate.

c-thru® The Clear Choice

The Clear Choice - helping you select the right dimmer, first time, every time!

Space saving dimming controls

- **Based on Clipsal Universal Dimming Technology**
- **Suitable for use with selected dimmable LEDs**
- **Linear control across dimming range**
- **350W power rating**

INTEGRALLY SWITCHED UNIVERSAL DIMMER - ROTARY CONTROLLED	
Rotary controlled operation	✓
One mechanism design for on/off switching and dimming control	✓
Reduces space required in wall plate	✓
12V halogen iron-core and electronic transformers	✓
350W power rating	✓
Built-in over-current and over-temperature protection	✓
Designed for linear dimming range operation	✓

R E S I D E N T I A L

On/off switching and dimming control **in the one mech**



STANDARD SERIES | SERIES 2000 | CLASSIC C2000



The Clipsal C-Thru® Dimmer range is a comprehensive suite

CLIPSAL
by Schneider Electric

World leading dimmer design

Traditional two mechanism dimming.



NEW design single mechanism dimming.





Product Features

- Integrally switched dimming design
- 350W power rating
- Suitable for other load types:
  - » incandescent (tungsten filament) lamps
  - » 240V halogen/dichroic lamps
  - » low voltage downlights using electronic transformers
  - » low voltage downlights using iron-core transformers.
- Preset minimum brightness
- Wall or architrave mounting options
- Wide range of plate styles and colours available
- Suitable for new or retrofit applications
- Inbuilt over-current and over-temperature protection
- Short circuit protection
- Built-in suppressors to minimise radio frequency interference
- Complies with Australian and International EMC Standards

C O M M E R C I A L

SLIMLINE™ SC2000



ECLIPSE



PRESTIGE P2000



SATURN



of products designed to meet all your dimming requirements.

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

Integrally Switched Universal Dimmer
Rotary Controlled

CLIPSAL by Schneider Electric

Technical information

Product Catalogue Numbers

	Cat No.	Description	Series	Colours Available
Dimmer Mechanisms	31E2RUDM	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	30 Series Mechanism	BK, BR, CM, DS, SG, WE, 3S
	P2031E2RUDM	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	Prestige Mechanism	BK, BR, CM, DS, SG, WE
	4061E2RUDM	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	Saturn Mechanism	TR
Dimmer Plates	31E2RUD	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	Standard Range	BK, BR, CM, DS, SG, WE
	2031E2RUD	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	2000 Series	BK, BR, CM, DS, SG, WE
	C2031E2RUD	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	Classic Series	BK, BR, CM, DS, SG, WE
	SC2031E2RUD	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	Slimline Series	BK, BR, CM, DS, SG, WE
	SL2031E2RUD	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	Eclipse Series	BK, BR, CM, DS, SG, WE
	P2031E2RUD	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	Prestige Series	BK, BR, CM, DS, SG, WE
	4061E2RUD	Universal Dimmer, ISRC, 220-240V, 50Hz, 350W	Saturn Series	EB, OM, PW

Load Compatibility Chart

LOAD SYMBOL	COMPATIBLE LOADS	C-THRU COLOUR 31E2RUDM TRANSPARENT INTEGRALLY SWITCHED, ROTARY CONTROLLED UNIVERSAL DIMMER "ISRC Series"
	Incandescent Lighting MV Halogen/Dichroic Lamps	350W
	Low Voltage Halogen/Dichroic Lighting with Iron-Core Transformers	350W
	Low Voltage Halogen/Dichroic Lighting with Electronic Transformers	350W
	Dimmable Compact Fluorescent Lamps (Selected makes/models only. Please contact CFL supplier for compatibility advice)	150W
	Dimmable LED Lighting (Please visit clipsal.com/load for recommended loads. For other loads, contact the LED supplier for compatibility advice.)	150W
M	Small Motor Loads - Exhaust Fans (shaded pole induction motors) - Ceiling Fans (split-phase induction motors)	350W

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

c-thru® The Clear Choice

2 YEAR WARRANTY · SHORT CIRCUIT PROTECTION · ROTARY CONTROL INTEGRALLY SWITCHED 240V · 350W

Technical Specifications

Parameter	Value
Nominal Operating Voltage	220 – 240V~
Nominal Operating Frequency	50Hz
Maximum Load	350W @ 240V~ 300W @ 220V~
Minimum Load	10W
Dimming Technique	Leading Edge/Trailing Edge Phase Control (dynamically auto-selected)
Compatible Loads	Incandescent Lighting MV Halogen Lamps Low Voltage Lighting with Iron-Core Transformers Low Voltage Lighting with Electronic Transformers Dimmable Compact Fluorescent Lamps (selected makes/models only, 150W max.) Dimmable LED Lighting (selected makes/models only, 150W max.) Small Motor Loads
Incompatible Loads	Non-Dimmable Fluorescent/Compact Fluorescent Lighting
Operating Temperature Range	0 to 45°C
Operating Humidity Range	10 to 95% R.H. (non-condensing)
Mounting Centres	84mm Australian Pattern Plate
Shipping Weight	25g Dimmer Mechanism Only
Safety Compliance	AS/NZS3100, IEC60669-2-1
EMC Compliance	AS/NZS CISPR15, IEC61000-3-2 (except when used in conjunction with dimmable CFL loads)
Specifications Typical @ 240V~ 25°C	
No User Serviceable Parts Inside	

To get the benefits of the Integrally Switched Rotary Controlled Universal Dimmer on your next residential or commercial project, contact your nearest Clipsal representative, electrical wholesaler or visit clipsal.com for more information.

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