



Wallbox
Lighting Controls Guide



...innovative lighting controls for homes and commercial spaces of every type and style.

world-class quality

Lutron quality is fuelled by a relentless pursuit of the highest standards. Constant improvement processes include an integrated quality system, strict engineering guidelines and world-class quality and manufacturing processes.

commitment to innovation

Lutron is dedicated to producing innovative lighting controls for homes of every type and style. This dedication is matched only by our commitment to quality, performance, value and service for our customers.

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Since 1961, Lutron has led the way in lighting control

For more than 50 years, Lutron has been committed to product innovation, superb quality and unparalleled customer service. These attributes make Lutron the first choice of many of the world's foremost architects, engineers, homeowners, lighting designers and contractors.

This guide will help you choose and install the most innovative lighting controls in the industry.



Ease of installation

Installation is simple and easy. Generally, dimmers will install just like a standard on/off switch.

No callbacks

Lutron offers you the highest quality in the industry, which means no callbacks. Install a Lutron product and it will work the first time, every time.

Energy savings as compared to a switch

dimming the lights	saves you electricity	makes bulbs last longer
10%	10%	2 times longer
25%	20%	4 times longer
50%	40%	20 times longer
75%	60%	> 20 times longer

Dimming the lights...

- saves energy
- extends the life of light bulbs
- saves homeowners time and money

Service

Lutron supports you with the best service in the industry, including a free customer helpline – 0800.282.107.

Colour selection unframed

Lutron is committed to innovation in colours and finishes. For the most updated colour selection visit the Lutron website www.lutron.com/europe.

Lyneo™



Lyneo slide to off



Lyneo preset with status light



Lyneo 0-10 slider



Lyneo 0-10 preset

All of the above products are available in the following colours and finishes:



Arctic White



Argentum



Mica

Metals



Satin Nickel



Satin Brass



Satin Chrome



Antique Brass



Antique Bronze



Bright Nickel



Bright Brass



Bright Chrome



Gold Plated

Rania®



Rania



Rania dual



Rania IR

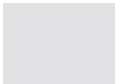


Rania IR dual



Rania Wireless
RF Switch

All of the above products are available in the following colours and finishes:



Arctic
White



Argentum



Mica

Metals



Satin
Nickel



Satin
Brass



Satin
Chrome



Antique
Brass



Antique
Bronze



Bright
Nickel



Bright
Brass



Bright
Chrome



Gold
Plated

**Radio Powr
Savr™**



White

Solina®



Arctic White



Mica

	Lyneo™ slide to off	Lyneo preset	
dimmers			
incandescent/halogen	✓	✓	
magnetic low voltage		✓	
electronic low voltage			
universal*			
infrared			
1-way	✓	✓	
2-way**		✓	
multiway***			
fluorescent loads 0-10 V			

* Universal is controlling: incandescent, mains halogen, low voltage halogen (leading and trailing edge transformer)

** Lights can be dimmed from 1 location and switched on/off from up to 2 locations

For the Lyneo 0-10 V Lights can be dimmed from one location and switched on/off from several locations.

*** Lights can be dimmed from up to 10 locations

For Lyneo 0-10 V Lights can be dimmed from one location and switched on/off from several locations.

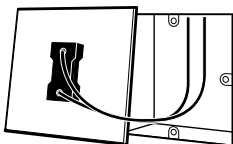
Lyneo 0-10 V cannot be used as an intermediate switch.

	Lyneo 0-10 slider	Lyneo 0-10 preset	Rania® and Rania IR (single & dual)	Solina®
			✓	✓
			✓	
			✓	
			✓	
			✓	
			✓	
		✓	✓	
		✓	✓	
	✓	✓		

How to install a dimmer in four easy steps

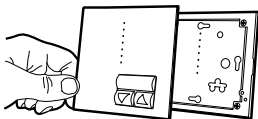
1

- Turn power OFF at the breaker panel or fuse box
- Disconnect the wires from the existing switch



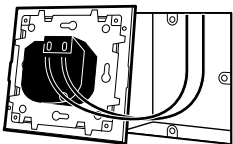
2

- Remove the faceplate from the dimmer



3

- Connect wires to the terminals of the dimmer



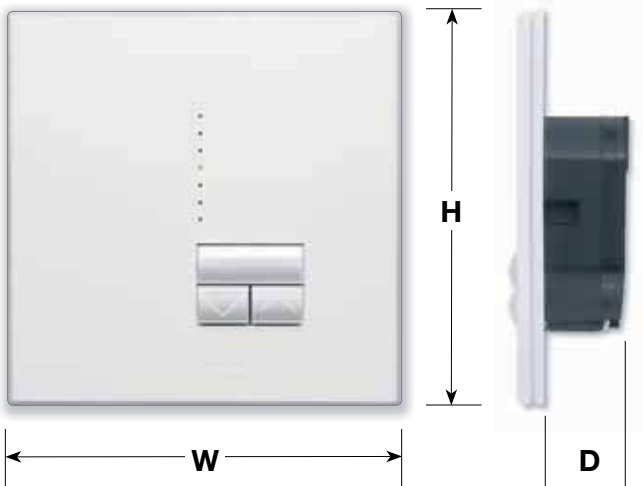
4

- Mount the dimmer and the wallplate
- Turn the power ON at the breaker panel or fuse box



Dimensions

The dimensions used throughout the catalogue indicate the measurements as shown below.



Wiring diagrams

Lyneo™

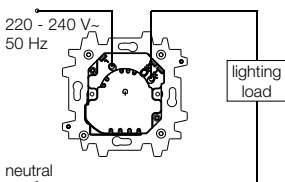
single dimmer 12

Rania® and Rania IR

single dimmer 13

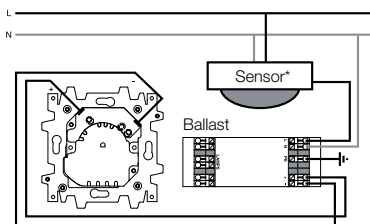
dual dimmer 13

Lyneo™ single dimmer



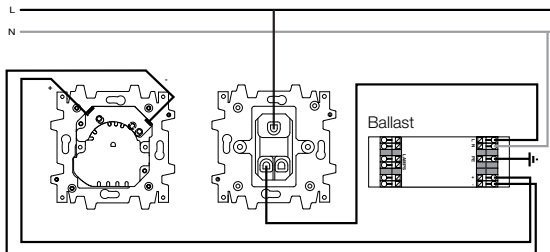
Lyneo 0-10 slider

Automated



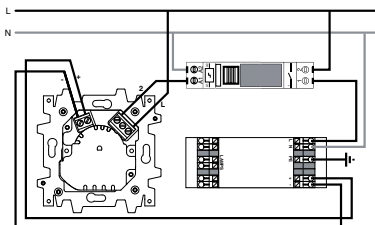
*Occupancy sensor by others

Manual



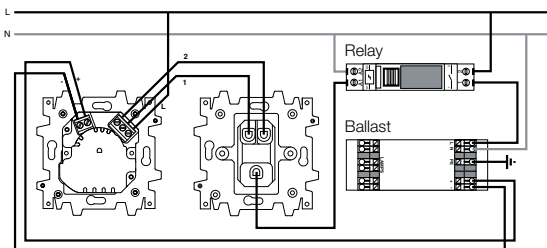
Lyneo 0-10 preset

Single



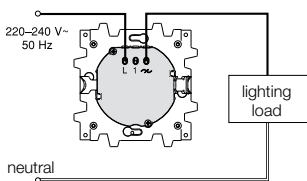
Lyneo 0-10 preset

Multi-location

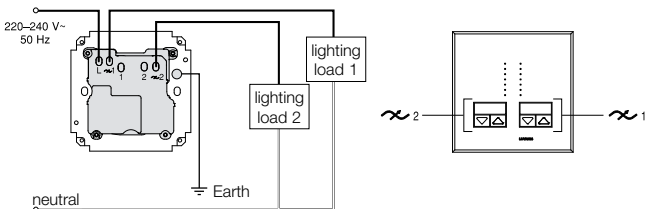


*Relay by others

Rania® and Rania IR IR single dimmer

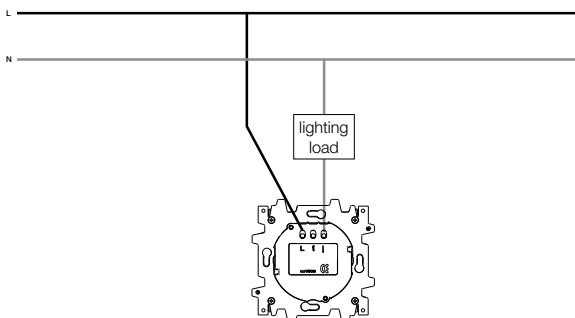


Rania and Rania IR dual dimmer



For multi-location wiring diagram please refer to Rania/Rania IR installation instructions.

Rania RF Switch



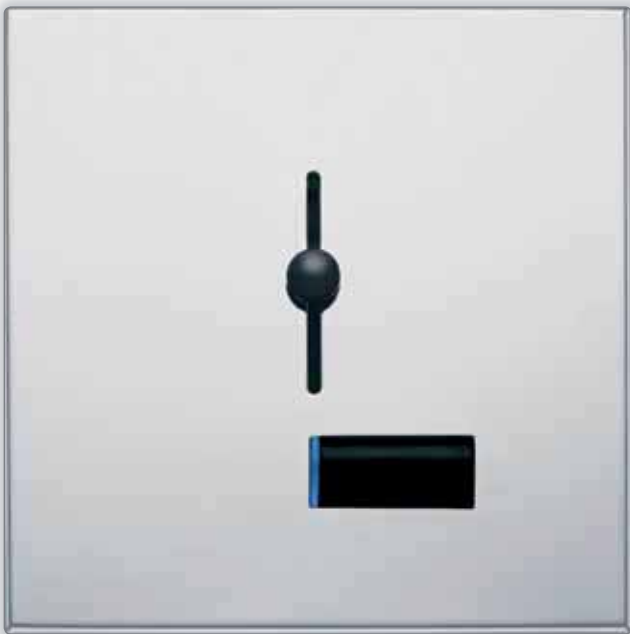


Photo in Bright Chrome

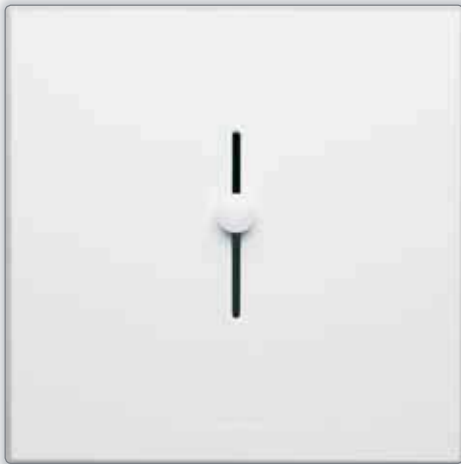
Product family features:

- Position of slider indicates light level
- Slide up and down to change light level
- Mechanical switch to turn lights on/off
- LED status light

Technical specifications:

- 220 - 240 V~, 50 Hz
- 35mm backbox required
- CE approved

Dimmers



Lyneo™ slide to off (STO)

Incandescent, mains voltage halogen, 1-way
(WxHxD) 86.1 x 86.1 x 29.6mm

- Slide up to on/brighten, down to dim/off
- 40-500 W

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
LSSI-501B-FAW-M*	LSSI-501H-FAW-**	Arctic White
LSSI-501B-FMC-M*	LSSI-501H-FMC-**	Mica
LSSI-501B-FAR-M*	LSSI-501H-FAR-**	Argentum
LSSI-501B-FSN-M*	LSSI-501H-FSN-**	Satin Nickel
LSSI-501B-FSB-M*	LSSI-501H-FSB-**	Satin Brass
LSSI-501B-FSC-M*	LSSI-501H-FSC-**	Satin Chrome
LSSI-501B-FBN-M*	LSSI-501H-FBN-**	Bright Nickel
LSSI-501B-FBB-M*	LSSI-501H-FBB-**	Bright Brass
LSSI-501B-FBC-M*	LSSI-501H-FBC-**	Bright Chrome
LSSI-501B-FAU-M*	LSSI-501H-FAU-**	Gold Plated
LSSI-501B-FQB-M*	LSSI-501H-FQB-**	Antique Brass
LSSI-501B-FQZ-M*	LSSI-501H-FQZ-**	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

** Add single letter to specify language of packaging and instructions:
E = English
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Dimmers

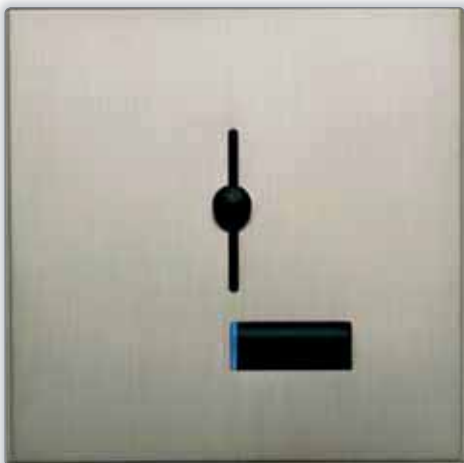


Photo in Satin Nickel

Lyneo™ preset with status light

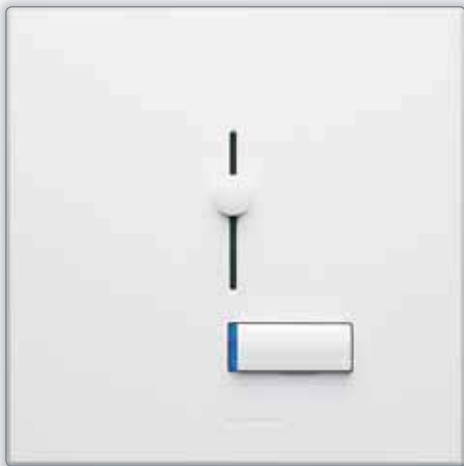
Incandescent, mains voltage halogen, 2-way
(WxHxD) 86.1 x 86.1 x 29.6mm

- Slide up to brighten, down to dim
- On/off push button
- LED status light
- 40-500 W

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
LLSI-502B-FAW-M*	LLSI-502H-FAW-**	Arctic White
LLSI-502B-FMC-M*	LLSI-502H-FMC-**	Mica
LLSI-502B-FAR-M*	LLSI-502H-FAR-**	Argentum
LLSI-502B-FSN-M*	LLSI-502H-FSN-**	Satin Nickel
LLSI-502B-FSB-M*	LLSI-502H-FSB-**	Satin Brass
LLSI-502B-FSC-M*	LLSI-502H-FSC-**	Satin Chrome
LLSI-502B-FBN-M*	LLSI-502H-FBN-**	Bright Nickel
LLSI-502B-FBB-M*	LLSI-502H-FBB-**	Bright Brass
LLSI-502B-FBC-M*	LLSI-502H-FBC-**	Bright Chrome
LLSI-502B-FAU-M*	LLSI-502H-FAU-**	Gold Plated
LLSI-502B-FQB-M*	LLSI-502H-FQB-**	Antique Brass
LLSI-502B-FQZ-M*	LLSI-502H-FQZ-**	Antique Bronze

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Dimmers



Lyneo™ preset with status light

Magnetic low voltage, incandescent, mains voltage halogen, 2-way
(WxHxD) 86.1 x 86.1 x 29.6mm

- Slide up to brighten, down to dim
- On/off push button
- LED status light
- 40-500 W

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
LLSM-502B-FAW-M*	LLSM-502H-FAW-**	Arctic White
LLSM-502B-FMC-M*	LLSM-502H-FMC-**	Mica
LLSM-502B-FAR-M*	LLSM-502H-FAR-**	Argentum
LLSM-502B-FSN-M*	LLSM-502H-FSN-**	Satin Nickel
LLSM-502B-FSB-M*	LLSM-502H-FSB-**	Satin Brass
LLSM-502B-FSC-M*	LLSM-502H-FSC-**	Satin Chrome
LLSM-502B-FBN-M*	LLSM-502H-FBN-**	Bright Nickel
LLSM-502B-FBB-M*	LLSM-502H-FBB-**	Bright Brass
LLSM-502B-FBC-M*	LLSM-502H-FBC-**	Bright Chrome
LLSM-502B-FAU-M*	LLSM-502H-FAU-**	Gold Plated
LLSM-502B-FQB-M*	LLSM-502H-FQB-**	Antique Brass
LLSM-502B-FQZ-M*	LLSM-502H-FQZ-**	Antique Bronze

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Dimmers



Photo in Mica

Lyneo™ 0-10 slider

0-10 V fluorescent ballasts, 1-way
(WxHxD) 86.1 x 86.1 x 29.6mm

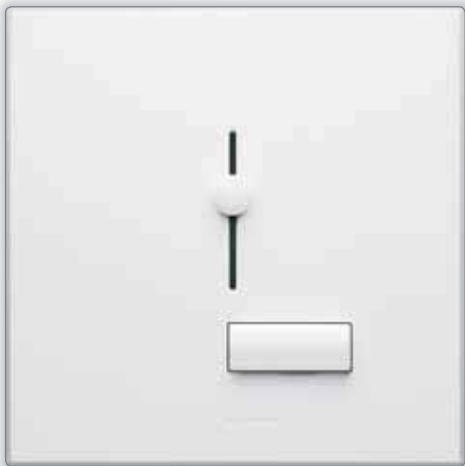
- Slide up to brighten, down to dim
- 20 ballasts / 40 mA control current
- Requires main voltage occupancy sensor to power up the ballast.

Item Number boxed packaging	Colour / Finishes
LSTV-F20B-FAW-M*	Arctic White
LSTV-F20B-FMC-M*	Mica
LSTV-F20B-FAR-M*	Argentum
LSTV-F20B-FSN-M*	Satin Nickel
LSTV-F20B-FSB-M*	Satin Brass
LSTV-F20B-FSC-M*	Satin Chrome
LSTV-F20B-FBN-M*	Bright Nickel
LSTV-F20B-FBB-M*	Bright Brass
LSTV-F20B-FBC-M*	Bright Chrome
LSTV-F20B-FAU-M*	Gold Plated
LSTV-F20B-FQB-M*	Antique Brass
LSTV-F20B-FQZ-M*	Antique Bronze

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(Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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Dimmers



Lyneo™ 0-10 preset

0-10 V fluorescent ballasts, 2-way
(WxHxD) 86.1 x 86.1 x 29.6mm

- Slide up to brighten, down to dim
- On/Off push button
- 20 ballasts / 40 mA control current
- Requires external monostable relay rated for 250 V 30 VA max

Item Number boxed packaging	Colour / Finishes
LNTV-F20B-FAW-M*	Arctic White
LNTV-F20B-FMC-M*	Mica
LNTV-F20B-FAR-M*	Argentum
LNTV-F20B-FSN-M*	Satin Nickel
LNTV-F20B-FSB-M*	Satin Brass
LNTV-F20B-FSC-M*	Satin Chrome
LNTV-F20B-FBN-M*	Bright Nickel
LNTV-F20B-FBB-M*	Bright Brass
LNTV-F20B-FBC-M*	Bright Chrome
LNTV-F20B-FAU-M*	Gold Plated
LNTV-F20B-FQB-M*	Antique Brass
LNTV-F20B-FQZ-M*	Antique Bronze

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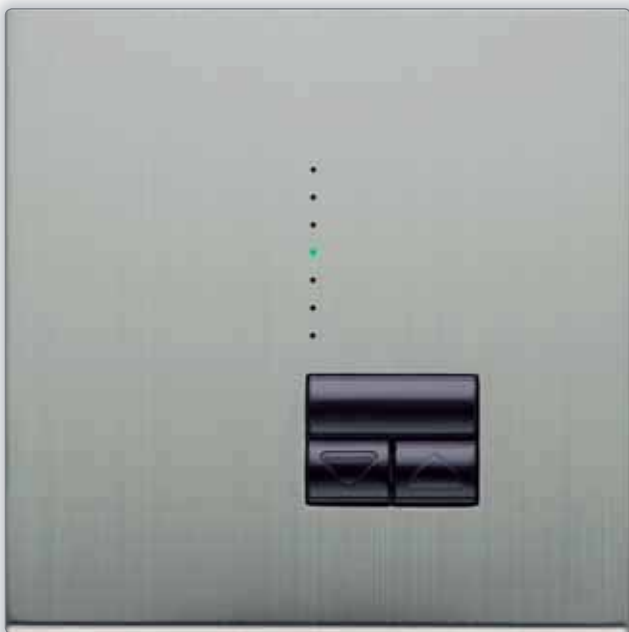


Photo in Satin Nickel

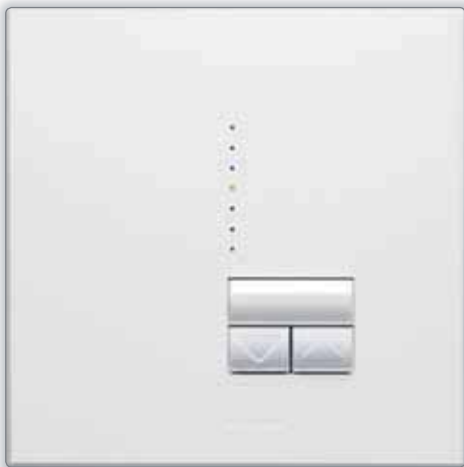
Product family features:

- Green LEDs indicate light level
- Lights softly fade to on/off
- Acoustically quiet operation
- Tap on to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down buttons to adjust light level

Technical specifications:

- 220 - 240 V~, 50/60 Hz
- Backbox with a depth of at least 35mm recommended
- CE approved
- Universal dimmer controls incandescent, halogen, electronic and magnetic low voltage where transformer type is unknown
- Multi-location dimming – use with accessory dimmer

Dimmers



Rania® digital dimmer – universal

Electronic low voltage, magnetic low voltage, incandescent, mains voltage halogen, multi-way (WxHxD) 86.1 x 86.1 x 21mm

- Tap on to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down button to adjust light level
- 50-450 W/VA

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RNSU-452B-FAW-M*	RNSU-452H-FAW-**	Arctic White
RNSU-452B-FMC-M*	RNSU-452H-FMC-**	Mica
RNSU-452B-FAR-M*	RNSU-452H-FAR-**	Argentum
RNSU-452B-FSN-M*	RNSU-452H-FSN-**	Satin Nickel
RNSU-452B-FSB-M*	RNSU-452H-FSB-**	Satin Brass
RNSU-452B-FSC-M*	RNSU-452H-FSC-**	Satin Chrome
RNSU-452B-FBN-M*	RNSU-452H-FBN-**	Bright Nickel
RNSU-452B-FBB-M*	RNSU-452H-FBB-**	Bright Brass
RNSU-452B-FBC-M*	RNSU-452H-FBC-**	Bright Chrome
RNSU-452B-FAU-M*	RNSU-452H-FAU-**	Gold Plated
RNSU-452B-FQB-M*	RNSU-452H-FQB-**	Antique Brass
RNSU-452B-FQZ-M*	RNSU-452H-FQZ-**	Antique Bronze

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Dimmers

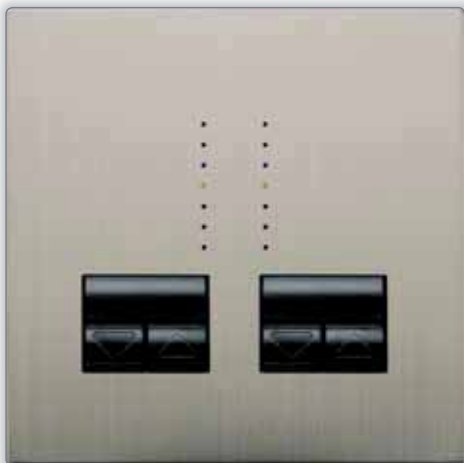


Photo in Satin Nickel

Rania® dual digital dimmer

Electronic low voltage, magnetic low voltage, incandescent, mains voltage halogen, multi-way (WxHxD) 86.1 x 86.1 x 22.5mm

- Tap on to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down button to adjust light level
- 2 x 50-250 W/VA
- Requires use of square UK style backbox with a depth of a least 35mm*

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RNDU-252B-FAW-M*	RNDU-252H-FAW-**	Arctic White
RNDU-252B-FMC-M*	RNDU-252H-FMC-**	Mica
RNDU-252B-FAR-M*	RNDU-252H-FAR-**	Argentum
RNDU-252B-FSN-M*	RNDU-252H-FSN-**	Satin Nickel
RNDU-252B-FSB-M*	RNDU-252H-FSB-**	Satin Brass
RNDU-252B-FSC-M*	RNDU-252H-FSC-**	Satin Chrome
RNDU-252B-FBN-M*	RNDU-252H-FBN-**	Bright Nickel
RNDU-252B-FBB-M*	RNDU-252H-FBB-**	Bright Brass
RNDU-252B-FBC-M*	RNDU-252H-FBC-**	Bright Chrome
RNDU-252B-FAU-M*	RNDU-252H-FAU-**	Gold Plated
RNDU-252B-FQB-M*	RNDU-252H-FQB-**	Antique Brass
RNDU-252B-FQZ-M*	RNDU-252H-FQZ-**	Antique Bronze

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Dimmers



Rania® accessory dimmer

multi-way

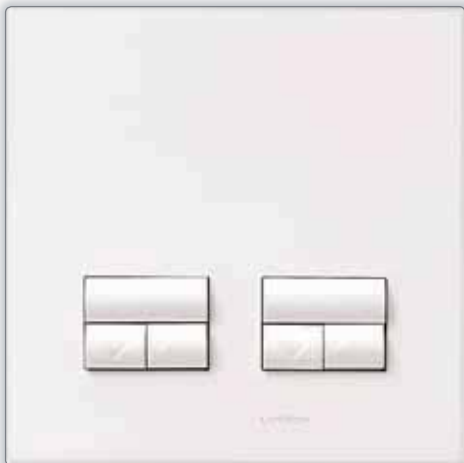
(WxHxD) 86.1 x 86.1 x 21mm

- **For use with multi-location dimmer only**
- Tap on to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down button to adjust light level

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RDSU-452B-FAW-M*	RDSU-452H-FAW-**	Arctic White
RDSU-452B-FMC-M*	RDSU-452H-FMC-**	Mica
RDSU-452B-FAR-M*	RDSU-452H-FAR-**	Argentum
RDSU-452B-FSN-M*	RDSU-452H-FSN-**	Satin Nickel
RDSU-452B-FSB-M*	RDSU-452H-FSB-**	Satin Brass
RDSU-452B-FSC-M*	RDSU-452H-FSC-**	Satin Chrome
RDSU-452B-FBN-M*	RDSU-452H-FBN-**	Bright Nickel
RDSU-452B-FBB-M*	RDSU-452H-FBB-**	Bright Brass
RDSU-452B-FBC-M*	RDSU-452H-FBC-**	Bright Chrome
RDSU-452B-FAU-M*	RDSU-452H-FAU-**	Gold Plated
RDSU-452B-FQB-M*	RDSU-452H-FQB-**	Antique Brass
RDSU-452B-FQZ-M*	RDSU-452H-FQZ-**	Antique Bronze

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Dimmers



Rania® dual accessory dimmer

multi-way

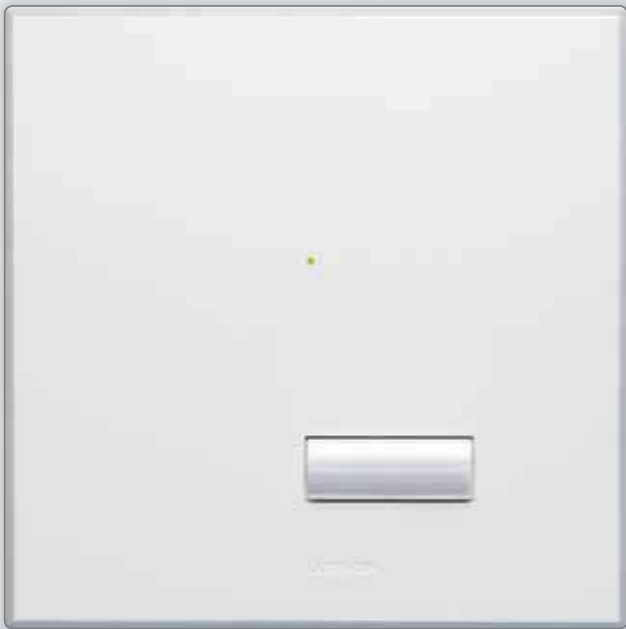
(WxHxD) 86.1 x 86.1 x 22.5mm

For use with multi-way dimmer only

- Tap on to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down button to adjust light level
- Requires use of square UK style backbox with a depth of a least 35mm

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RDDU-252B-FAW-M*	RDDU-252H-FAW-**	Arctic White
RDDU-252B-FMC-M*	RDDU-252H-FMC-**	Mica
RDDU-252B-FAR-M*	RDDU-252H-FAR-**	Argentum
RDDU-252B-FSN-M*	RDDU-252H-FSN-**	Satin Nickel
RDDU-252B-FSB-M*	RDDU-252H-FSB-**	Satin Brass
RDDU-252B-FSC-M*	RDDU-252H-FSC-**	Satin Chrome
RDDU-252B-FBN-M*	RDDU-252H-FBN-**	Bright Nickel
RDDU-252B-FBB-M*	RDDU-252H-FBB-**	Bright Brass
RDDU-252B-FBC-M*	RDDU-252H-FBC-**	Bright Chrome
RDDU-252B-FAU-M*	RDDU-252H-FAU-**	Gold Plated
RDDU-252B-FQB-M*	RDDU-252H-FQB-**	Antique Brass
RDDU-252B-FQZ-M*	RDDU-252H-FQZ-**	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)
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Product family features:

- On/Off; Delay off
- Clear Connect™ RF Technology
- Multi-way functionality through Rania Accessory Switches (up to 9 Rania Accessory Switches)
- Power failure memory

Technical specifications:

- 220–240 V, 5 AX, 25 W min. load, incandescent/halogen, fluorescent, CFL, electronic and magnetic low-voltage*, motor loads (4 A)
- Control type: multi-location switch
- 2-wire RF switch
- No neutral required/no new wiring required
- CE approved

* Maximum transformer size of 100 VA. Multiple transformers can be used for up to 5 A of total load

Operation:

- On/Off button turns lights on and off: Tap once to turn on, tap again to turn off
- Press and hold On/Off button for 0.5 seconds to activate Delayed Off. As On/Off button is held, LED will begin to flash to represent a 30 second Delayed Off

RF switch



Rania® wireless RF switch

(WxHxD) 86.1 x 86.1 x 22.5mm

- Control type: multi-location switch
- Rated for 220–240 V, 5 AX, 25 W min. load
- No neutral required
- On/Off button turns lights on and off
- Press and hold On/Off button for 0.5 seconds to activate Delayed Off
- Green LED indicates if the load is on, and glows softly as night light when load is off

Item Number boxed packaging	Colour / Finishes
RS-SA05-B-FAW-M*	Arctic White
RS-SA05-B-FMC-M*	Mica
RS-SA05-B-FAR-M*	Argentum
RS-SA05-B-FSN-M*	Satin Nickel
RS-SA05-B-FSB-M*	Satin Brass
RS-SA05-B-FSC-M*	Satin Chrome
RS-SA05-B-FBN-M*	Bright Nickel
RS-SA05-B-FBB-M*	Bright Brass
RS-SA05-B-FBC-M*	Bright Chrome
RS-SA05-B-FAU-M*	Gold Plated
RS-SA05-B-FQB-M*	Antique Brass
RS-SA05-B-FQZ-M*	Antique Bronze

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For multi-locations, use Rania Accessory Switch.

Occupancy sensor



Radio Powr Savr™:

(Diam X D) 102 X 33mm

For use with compatible wireless Lutron systems only

- Wireless occupancy and vacancy sensors are ceiling-mounted battery-powered passive infrared (PIR)
- XCT™ Technology for superior fine motion detection.
- 10-year battery life design
- Up to 3 sensors can be added with each RF dimming or switching device for extended coverage.
- Each sensor may be added to up to 10 compatible RF dimming and switching devices.
- 3 settings available: Auto-On/Auto-Off, Auto-On Low-Light/Auto-Off, and Manual-On/Auto-Off options
- Front accessible test buttons make setup easy.
- Lens illuminates orange in response to motion during test mode to verify coverage.

Item Number boxed packaging	Colour / Finishes
LRF3-OCRB-P-WH*	Arctic White

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Dimmers



Rania® accessory dimmer

multi-way

(WxHxD) 86.1 x 86.1 x 21mm

For use with multi way wireless RF switch only

- On/Off button turns lights on and off.
- Press and hold On/Off button for 0.5 seconds to activate Delayed Off

Item Number boxed packaging	Colour / Finishes
RS-SNAS-FAW-M*	Arctic White
RS-SNAS-FMC-M*	Mica
RS-SNAS-FAR-M*	Argentum
RS-SNAS-FSN-M*	Satin Nickel
RS-SNAS-FSB-M*	Satin Brass
RS-SNAS-FSC-M*	Satin Chrome
RS-SNAS-FBN-M*	Bright Nickel
RS-SNAS-FBB-M*	Bright Brass
RS-SNAS-FBC-M*	Bright Chrome
RS-SNAS-FAU-M*	Gold Plated
RS-SNAS-FQB-M*	Antique Brass
RS-SNAS-FQZ-M*	Antique Bronze

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Portuguese /

French

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RF Switch & Radio Powr Savr kit



Item Number boxed packaging	Colour / Finishes
RRF-SA05-B-FAW-M*	Arctic White
RRF-SA05-B-FMC-M*	Mica
RRF-SA05-B-FAR-M*	Argentum
RRF-SA05-B-FSN-M*	Satin Nickel
RRF-SA05-B-FSB-M*	Satin Brass
RRF-SA05-B-FSC-M*	Satin Chrome
RRF-SA05-B-FBN-M*	Bright Nickel
RRF-SA05-B-FBB-M*	Bright Brass
RRF-SA05-B-FBC-M*	Bright Chrome
RRF-SA05-B-FAU-M*	Gold Plated
RRF-SA05-B-FQB-M*	Antique Brass
RRF-SA05-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Russian, Spanish)

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Photo in Argentum

Product family features:

- Infrared remote control to change the light level from anywhere in the room
- Green LEDs indicate light level
- Lights softly fade to on/off
- Acoustically quiet operation
- Tap on to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down buttons to adjust light level

Technical specifications:

- 220 - 240 V~, 50/60 Hz
- Remote controls have a range of 10 meters
- Backbox with depth of at least 35mm recommended
- CE approved
- Universal dimmer controls incandescent, halogen, electronic and magnetic low voltage where transformer type is unknown

Dimmers



Photo in Argentum

Rania® IR remote control dimmer – universal

Electronic low voltage, magnetic low voltage, incandescent, mains voltage halogen, multi-way (WxHxD) 86.1 x 86.1 x 21mm

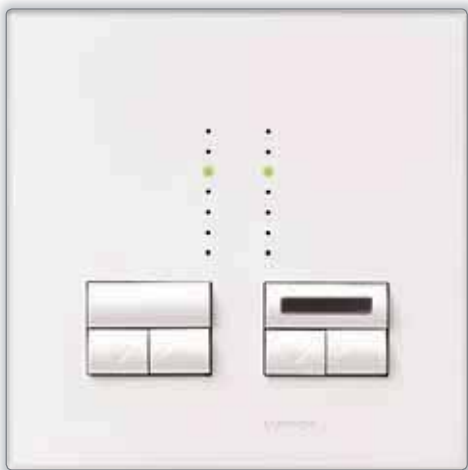
- Remote control dimmer
- Tap on to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down button to adjust light level
- 50-450 W/VA

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RISU-452B-FAW-M*	RISU-452H-FAW-**	Arctic White
RISU-452B-FMC-M*	RISU-452H-FMC-**	Mica
RISU-452B-FAR-M*	RISU-452H-FAR-**	Argentum
RISU-452B-FSN-M*	RISU-452H-FSN-**	Satin Nickel
RISU-452B-FSB-M*	RISU-452H-FSB-**	Satin Brass
RISU-452B-FSC-M*	RISU-452H-FSC-**	Satin Chrome
RISU-452B-FBN-M*	RISU-452H-FBN-**	Bright Nickel
RISU-452B-FBB-M*	RISU-452H-FBB-**	Bright Brass
RISU-452B-FBC-M*	RISU-452H-FBC-**	Bright Chrome
RISU-452B-FAU-M*	RISU-452H-FAU-**	Gold Plated
RISU-452B-FQB-M*	RISU-452H-FQB-**	Antique Brass
RISU-452B-FQZ-M*	RISU-452H-FQZ-**	Antique Bronze

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Dimmers



Rania® IR dual remote control digital dimmer

Electronic low voltage, magnetic low voltage, incandescent, mains voltage halogen, multi-way (WxHxD) 86.1 x 86.1 x 22.5mm

- Tap on to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down button to adjust light level
- 2 x 50-250 W/VA
- Requires use of square UK style backbox with a depth of a least 35mm*

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RIDU-252B-FAW-M*	RIDU-252H-FAW-**	Arctic White
RIDU-252B-FMC-M*	RIDU-252H-FMC-**	Mica
RIDU-252B-FAR-M*	RIDU-252H-FAR-**	Argentum
RIDU-252B-FSN-M*	RIDU-252H-FSN-**	Satin Nickel
RIDU-252B-FSB-M*	RIDU-252H-FSB-**	Satin Brass
RIDU-252B-FSC-M*	RIDU-252H-FSC-**	Satin Chrome
RIDU-252B-FBN-M*	RIDU-252H-FBN-**	Bright Nickel
RIDU-252B-FBB-M*	RIDU-252H-FBB-**	Bright Brass
RIDU-252B-FBC-M*	RIDU-252H-FBC-**	Bright Chrome
RIDU-252B-FAU-M*	RIDU-252H-FAU-**	Gold Plated
RIDU-252B-FQB-M*	RIDU-252H-FQB-**	Antique Brass
RIDU-252B-FQZ-M*	RIDU-252H-FQZ-**	Antique Bronze

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Remote control



Remote control for Rania® IR dimmers

- For use with Rania IR for dimming from remote location
- Press silver button to recall favourite light level
- Press and hold silver button to save favourite light setting
- Use rocker to adjust light level
- Press top button for full on and bottom for full off
- 10 metre range

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RIS-REMOTB-AW-M*	RIS-REMOTH-AW-**	Arctic White

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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Remote control



Remote control for Rania® IR dual dimmers

- For use with Rania IR for dimming from remote location
- Press top button for full on and bottom button for off
- Use rocker to adjust light level
- 10 metre range
- 2 sets of buttons allow for individual circuit control

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RID-REMOTB-AW-M*	RID-REMOTH-AW-**	Arctic White

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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Photo in Mica

Product family features:

- Plug-in – no wiring required
- Green LEDs indicate light level
- Lights softly fade to on/off
- Acoustically quiet operation
- Tap on/off to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down buttons to adjust light level
- Dim table/floor lamps with no re-wiring

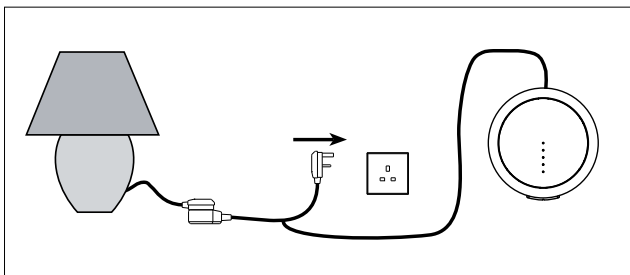
Technical specifications:

- 220 - 240 V~, 50/60 Hz
- Use with incandescent and mains voltage halogen (230/240 V) lamps
- CE approved

Dimmers



- Tap on to favourite level; tap off
- Tap twice for full on
- Press, hold and release for gradual fade-to-off
- Press up/down button to adjust light level
- 40-300 W



Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
SNPI-30UB-NAW-M*	SNPI-30UH-NAW-**	Arctic White
SNPI-30UB-NMC-M*	SNPI-30UH-NMC-**	Mica

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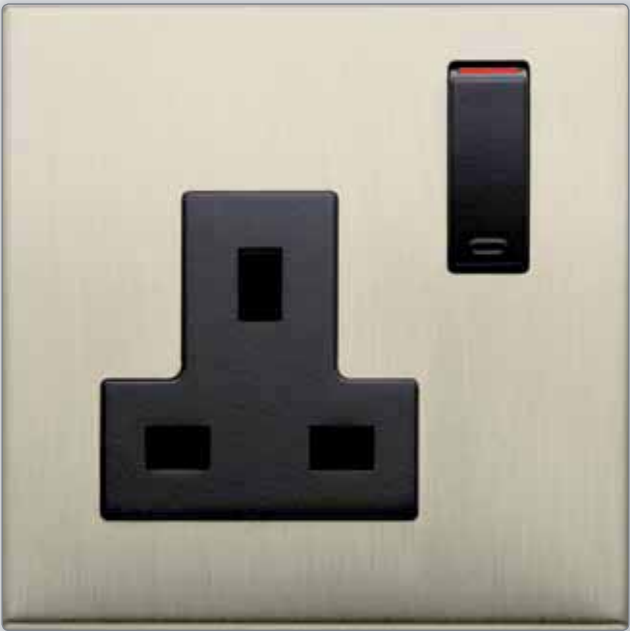


Photo in Satin Nickel

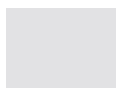
Product family features

- Full line of wiring devices
- Plastic and metal finishes available to coordinate with Lutron controls
- 250 V~, 50/60 Hz
- Compliant with all applicable IEC (CE)
- Gang with Lutron Rania® and Lyneo™ wallbox dimmers

Accessories

- Single switch
- Dual switch
- Shutter R/L switch
- Single momentary switch
- Dual momentary switch
- Single intermediate switch
- Dual intermediate switch
- UK round pin socket
- 13 A UK switched socket
- 13 A twin UK switched socket
- UK phone jack
- RJ11 phone jack cat 3
- RJ45 network jack cat 5
- SAT jack (75 Ohm)
- Triplexer – terminated
- Triplexer – intermediate
- Trim ring
- Blank faceplate
- 1-port frame
- 2-port frame
- RJ11 connector
- RJ45 connector cat 5
- RJ45 connector cat 6
- Coax cable connector
- BNC jack
- MT-RJ fibre jack
- SC simplex fibre jack
- LC fibre jack
- ST fibre jack
- Cable outlet module

available colours



Arctic
White



Argentum



Mica

Metals



Satin
Nickel



Satin
Brass



Satin
Chrome



Antique
Brass



Antique
Bronze



Bright
Nickel



Bright
Brass



Bright
Chrome



Gold
Plated*

*Custom colour

Switches



Single switch, 2-way

10 AX, 250 V~

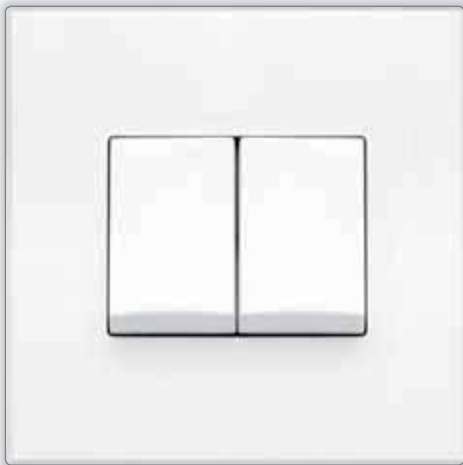
(WxHxD) 86.1 x 86.1 x 20.5mm

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RN-SS10-B-FAW-M*	RN-SS10-H-FAW-**	Arctic White
RN-SS10-B-FMC-M*	RN-SS10-H-FMC-**	Mica
RN-SS10-B-FAR-M*	RN-SS10-H-FAR-**	Argentum
RN-SS10-B-FSN-M*	RN-SS10-H-FSN-**	Satin Nickel
RN-SS10-B-FSB-M*	RN-SS10-H-FSB-**	Satin Brass
RN-SS10-B-FSC-M*	RN-SS10-H-FSC-**	Satin Chrome
RN-SS10-B-FBN-M*	RN-SS10-H-FBN-**	Bright Nickel
RN-SS10-B-FBB-M*	RN-SS10-H-FBB-**	Bright Brass
RN-SS10-B-FBC-M*	RN-SS10-H-FBC-**	Bright Chrome
RN-SS10-B-FAU-M*	RN-SS10-H-FAU-**	Gold Plated
RN-SS10-B-FQB-M*	RN-SS10-H-FQB-**	Antique Brass
RN-SS10-B-FQZ-M*	RN-SS10-H-FQZ-**	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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Switches



Dual switch, 2-way

2 x 10 AX, 250 V~

(WxHxD) 86.1 x 86.1 x 20.5mm

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RN-DS10-B-FAW-M*	RN-DS10-H-FAW-**	Arctic White
RN-DS10-B-FMC-M*	RN-DS10-H-FMC-**	Mica
RN-DS10-B-FAR-M*	RN-DS10-H-FAR-**	Argentum
RN-DS10-B-FSN-M*	RN-DS10-H-FSN-**	Satin Nickel
RN-DS10-B-FSB-M*	RN-DS10-H-FSB-**	Satin Brass
RN-DS10-B-FSC-M*	RN-DS10-H-FSC-**	Satin Chrome
RN-DS10-B-FBN-M*	RN-DS10-H-FBN-**	Bright Nickel
RN-DS10-B-FBB-M*	RN-DS10-H-FBB-**	Bright Brass
RN-DS10-B-FBC-M*	RN-DS10-H-FBC-**	Bright Chrome
RN-DS10-B-FAU-M*	RN-DS10-H-FAU-**	Gold Plated
RN-DS10-B-FQB-M*	RN-DS10-H-FQB-**	Antique Brass
RN-DS10-B-FQZ-M*	RN-DS10-H-FQZ-**	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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Switches



Shutter R/L switch

2 x 10 AX, 250 V~

(WxHxD) 86.1 x 86.1 x 20.5mm

Item Number boxed packaging	Colour / Finishes
CPW0856-FAW	Arctic White
CPW0856-FMC	Mica
CPW0856-FAR	Argentum
CPW0856-FSN	Satin Nickel
CPW0856-FSB	Satin Brass
CPW0856-FSC	Satin Chrome
CPW0856-FBN	Bright Nickel
CPW0856-FBB	Bright Brass
CPW0856-FBC	Bright Chrome
CPW0856-FAU	Gold Plated
CPW0856-FQB	Antique Brass
CPW0856-FQZ	Antique Bronze

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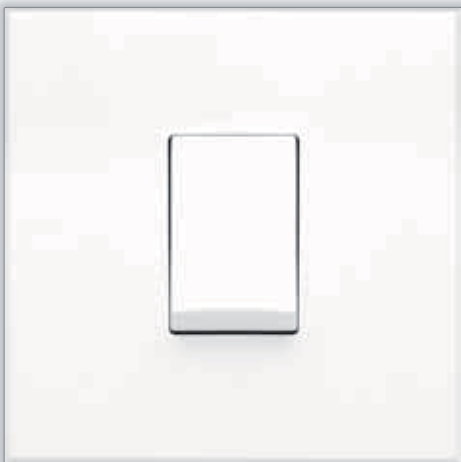
** Add single letter to specify language of packaging and instructions:

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Switches



Single momentary switch

10 AX 250 V~

For use with step/impulse relay
(WxHxD) 86.1 x 86.1 x 22.0mm

Item Number boxed packaging	Colour / Finishes
RN-SM10-B-FAW-M*	Arctic White
RN-SM10-B-FMC-M*	Mica
RN-SM10-B-FAR-M*	Argentum
RN-SM10-B-FSN-M*	Satin Nickel
RN-SM10-B-FSB-M*	Satin Brass
RN-SM10-B-FSC-M*	Satin Chrome
RN-SM10-B-FBN-M*	Bright Nickel
RN-SM10-B-FBB-M*	Bright Brass
RN-SM10-B-FBC-M*	Bright Chrome
RN-SM10-B-FAU-M*	Gold Plated
RN-SM10-B-FQB-M*	Antique Brass
RN-SM10-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

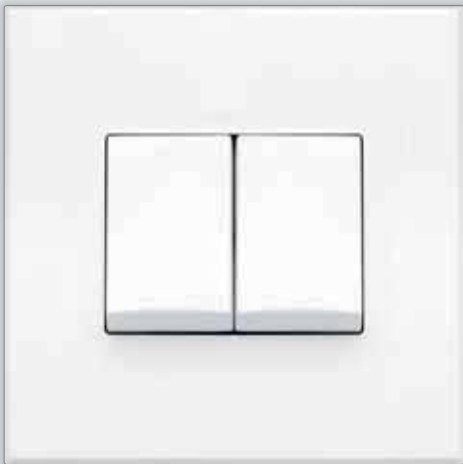
** Add single letter to specify language of packaging and instructions:

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S = Spanish / Portuguese / French

C = Chinese

Switches



Dual momentary switch

2 x 10 AX 250 V~

For use with step/impulse relay
(WxHxD) 86.1 x 86.1 x 22.0mm

Item Number boxed packaging	Colour / Finishes
RN-DM10-B-FAW-M*	Arctic White
RN-DM10-B-FMC-M*	Mica
RN-DM10-B-FAR-M*	Argentum
RN-SM10-B-FSN-M*	Satin Nickel
RN-DM10-B-FSB-M*	Satin Brass
RN-DM10-B-FSC-M*	Satin Chrome
RN-DM10-B-FBN-M*	Bright Nickel
RN-DM10-B-FBB-M*	Bright Brass
RN-DM10-B-FBC-M*	Bright Chrome
RN-DM10-B-FAU-M*	Gold Plated
RN-DM10-B-FQB-M*	Antique Brass
RN-DM10-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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Switches



Intermediate switch

10 AX, 250 V~

(WxHxD) 86.1 x 86.1 x 23.6mm

Item Number boxed packaging	Colour / Finishes
RN-IS10-B-FAW-M*	Arctic White
RN-IS10-B-FMC-M*	Mica
RN-IS10-B-FAR-M*	Argentum
RN-IS10-B-FSN-M*	Satin Nickel
RN-IS10-B-FSB-M*	Satin Brass
RN-IS10-B-FSC-M*	Satin Chrome
RN-IS10-B-FBN-M*	Bright Nickel
RN-IS10-B-FBB-M*	Bright Brass
RN-IS10-B-FBC-M*	Bright Chrome
RN-IS10-B-FAU-M*	Gold Plated
RN-IS10-B-FQB-M*	Antique Brass
RN-IS10-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

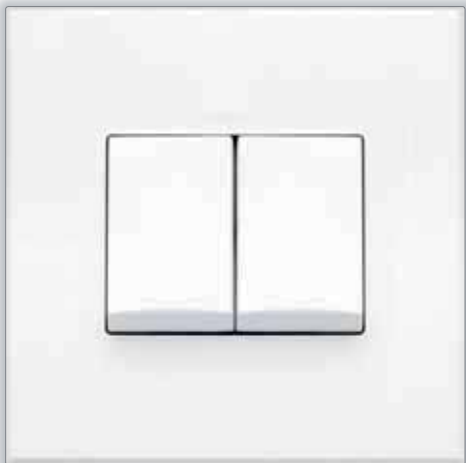
** Add single letter to specify language of packaging and instructions:

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S = Spanish / Portuguese / French

C = Chinese

Switches



Dual intermediate switch

2 x 10 AX 250 V~

(WxHxD) 86.1 x 86.1 x 23.6mm

Item Number boxed packaging	Colour / Finishes
CPW0732-FAW	Arctic White
CPW0732-FMC	Mica
CPW0732-FAR	Argentum
CPW0732-FSN	Satin Nickel
CPW0732-FSB	Satin Brass
CPW0732-FSC	Satin Chrome
CPW0732-FBN	Bright Nickel
CPW0732-FBB	Bright Brass
CPW0732-FBC	Bright Chrome
CPW0732-FAU	Gold Plated
CPW0732-FQB	Antique Brass
CPW0732-FQZ	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

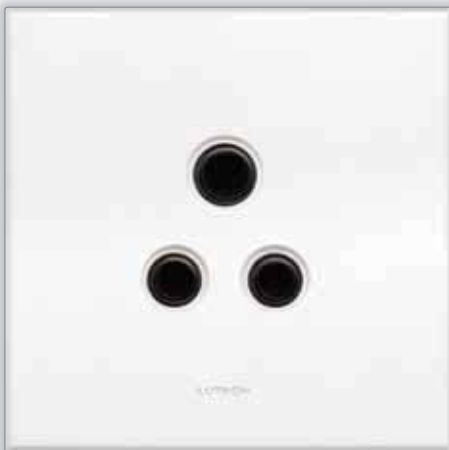
** Add single letter to specify language of packaging and instructions:

E = English

S = Spanish / Portuguese / French

C = Chinese

Sockets



UK round pin socket

5 A, 250 V~

(WxHxD) 86.1 x 86.1 x 19mm

Item Number boxed packaging	Colour / Finishes
RN-5AUK-B-FAW-M*	Arctic White
RN-5AUK-B-FMC-M*	Mica
RN-5AUK-B-FAR-M*	Argentum
RN-5AUK-B-FSN-M*	Satin Nickel
RN-5AUK-B-FSB-M*	Satin Brass
RN-5AUK-B-FSC-M*	Satin Chrome
RN-5AUK-B-FBN-M*	Bright Nickel
RN-5AUK-B-FBB-M*	Bright Brass
RN-5AUK-B-FBC-M*	Bright Chrome
RN-5AUK-B-FAU-M*	Gold Plated
RN-5AUK-B-FQB-M*	Antique Brass
RN-5AUK-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

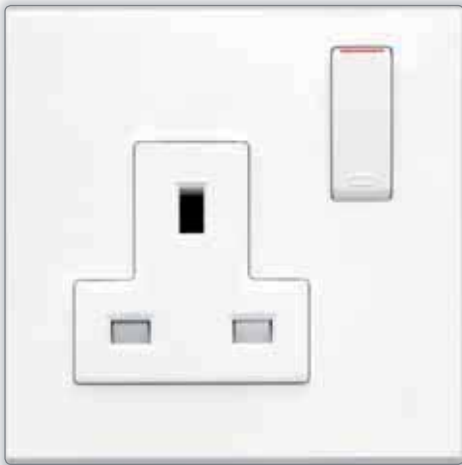
** Add single letter to specify language of packaging and instructions:

E = English

S = Spanish / Portuguese / French

C = Chinese

Sockets



13A UK switched socket

13 A, 250 V~

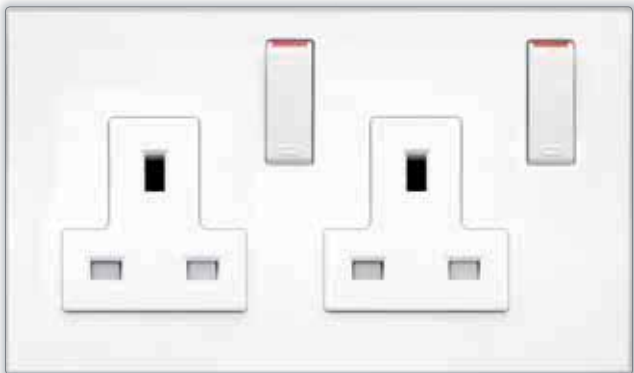
(WxHxD) 86.1 x 86.1 x 20.6mm

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RN-SRSU-B-FAW-M*	RN-SRSU-H-FAW-**	Arctic White
RN-SRSU-B-FMC-M*	RN-SRSU-H-FMC-**	Mica
RN-SRSU-B-FAR-M*	RN-SRSU-H-FAR-**	Argentum
RN-SRSU-B-FSN-M*	RN-SRSU-H-FSN-**	Satin Nickel
RN-SRSU-B-FSB-M*	RN-SRSU-H-FSB-**	Satin Brass
RN-SRSU-B-FSC-M*	RN-SRSU-H-FSC-**	Satin Chrome
RN-SRSU-B-FBN-M*	RN-SRSU-H-FBN-**	Bright Nickel
RN-SRSU-B-FBB-M*	RN-SRSU-H-FBB-**	Bright Brass
RN-SRSU-B-FBC-M*	RN-SRSU-H-FBC-**	Bright Chrome
RN-SRSU-B-FAU-M*	RN-SRSU-H-FAU-**	Gold Plated
RN-SRSU-B-FQB-M*	RN-SRSU-H-FQB-**	Antique Brass
RN-SRSU-B-FQZ-M*	RN-SRSU-H-FQZ-**	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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C = Chinese

Sockets



13A twin UK switched socket

2 x 13 A, 250 V~

(WxHxD) 146.1 x 86.1 x 27.5mm

Item Number boxed packaging	Colour / Finishes
RN-DRSU-B-FAW-M*	Arctic White
RN-DRSU-B-FMC-M*	Mica
RN-DRSU-B-FAR-M*	Argentum
RN-DRSU-B-FSN-M*	Satin Nickel
RN-DRSU-B-FSB-M*	Satin Brass
RN-DRSU-B-FSC-M*	Satin Chrome
RN-DRSU-B-FBN-M*	Bright Nickel
RN-DRSU-B-FBB-M*	Bright Brass
RN-DRSU-B-FBC-M*	Bright Chrome
RN-DRSU-B-FAU-M*	Gold Plated
RN-DRSU-B-FQB-M*	Antique Brass
RN-DRSU-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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C = Chinese

Jacks



UK phone jack

(WxHxD) 86.1 x 86.1 x 12.5mm

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RN-UKPJ-B-FAW-M*	RN-UKPJ-H-FAW-**	Arctic White
RN-UKPJ-B-FMC-M*	RN-UKPJ-H-FMC-**	Mica
RN-UKPJ-B-FAR-M*	RN-UKPJ-H-FAR-**	Argentum
RN-UKPJ-B-FSN-M*	RN-UKPJ-H-FSN-**	Satin Nickel
RN-UKPJ-B-FSB-M*	RN-UKPJ-H-FSB-**	Satin Brass
RN-UKPJ-B-FSC-M*	RN-UKPJ-H-FSC-**	Satin Chrome
RN-UKPJ-B-FBN-M*	RN-UKPJ-H-FBN-**	Bright Nickel
RN-UKPJ-B-FBB-M*	RN-UKPJ-H-FBB-**	Bright Brass
RN-UKPJ-B-FBC-M*	RN-UKPJ-H-FBC-**	Bright Chrome
RN-UKPJ-B-FAU-M*	RN-UKPJ-H-FAU-**	Gold Plated
RN-UKPJ-B-FQB-M*	RN-UKPJ-H-FQB-**	Antique Brass
RN-UKPJ-B-FQZ-M*	RN-UKPJ-H-FQZ-**	Antique Bronze

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 C = Chinese

Jacks



RJ-11 phone jack

6-conductor jack, RJ 11, Cat 3
(WxHxD) 86.1 x 86.1 x 26mm

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RN-RJ11-B-FAW-M*	RN-RJ11-H-FAW-**	Arctic White
RN-RJ11-B-FMC-M*	RN-RJ11-H-FMC-**	Mica
RN-RJ11-B-FAR-M*	RN-RJ11-H-FAR-**	Argentum
RN-RJ11-B-FSN-M*	RN-RJ11-H-FSN-**	Satin Nickel
RN-RJ11-B-FSB-M*	RN-RJ11-H-FSB-**	Satin Brass
RN-RJ11-B-FSC-M*	RN-RJ11-H-FSC-**	Satin Chrome
RN-RJ11-B-FBN-M*	RN-RJ11-H-FBN-**	Bright Nickel
RN-RJ11-B-FBB-M*	RN-RJ11-H-FBB-**	Bright Brass
RN-RJ11-B-FBC-M*	RN-RJ11-H-FBC-**	Bright Chrome
RN-RJ11-B-FAU-M*	RN-RJ11-H-FAU-**	Gold Plated
RN-RJ11-B-FQB-M*	RN-RJ11-H-FQB-**	Antique Brass
RN-RJ11-B-FQZ-M*	RN-RJ11-H-FQZ-**	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

** Add single letter to specify language of packaging and instructions:
E = English
S = Spanish / Portuguese / French
C = Chinese

Jacks



RJ-45 network jack

8-conductor jack, RJ 45, Cat 5
(WxDxH) 86.1 x 86.1 x 26mm

Item Number boxed packaging	Colour / Finishes
RN-RJ45-B-FAW-M*	Arctic White
RN-RJ45-B-FMC-M*	Mica
RN-RJ45-B-FAR-M*	Argentum
RN-RJ45-B-FSN-M*	Satin Nickel
RN-RJ45-B-FSB-M*	Satin Brass
RN-RJ45-B-FSC-M*	Satin Chrome
RN-RJ45-B-FBN-M*	Bright Nickel
RN-RJ45-B-FBB-M*	Bright Brass
RN-RJ45-B-FBC-M*	Bright Chrome
RN-RJ45-B-FAU-M*	Gold Plated
RN-RJ45-B-FQB-M*	Antique Brass
RN-RJ45-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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C = Chinese

Jacks



Sat jack

F-style, 75-Ohm, coaxial cable jack
(WxHxD) 86.1 x 86.1 x 11mm

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RN-TF75-B-FAW-M*	RN-TF75-H-FAW-**	Arctic White
RN-TF75-B-FMC-M*	RN-TF75-H-FMC-**	Mica
RN-TF75-B-FAR-M*	RN-TF75-H-FAR-**	Argentum
RN-TF75-B-FSN-M*	RN-TF75-H-FSN-**	Satin Nickel
RN-TF75-B-FSB-M*	RN-TF75-H-FSB-**	Satin Brass
RN-TF75-B-FSC-M*	RN-TF75-H-FSC-**	Satin Chrome
RN-TF75-B-FBN-M*	RN-TF75-H-FBN-**	Bright Nickel
RN-TF75-B-FBB-M*	RN-TF75-H-FBB-**	Bright Brass
RN-TF75-B-FBC-M*	RN-TF75-H-FBC-**	Bright Chrome
RN-TF75-B-FAU-M*	RN-TF75-H-FAU-**	Gold Plated
RN-TF75-B-FQB-M*	RN-TF75-H-FQB-**	Antique Brass
RN-TF75-B-FQZ-M*	RN-TF75-H-FQZ-**	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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Jacks



Triplexer – terminated

5-2300 MHz, Loss ≤ 4 dB

(WxHxD) 86.1 x 86.1 x 21mm

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RN-TRI1-B-IAW-M*	RN-TRI1-H-IAW-**	Arctic White
RN-TRI1-B-IMC-M*	RN-TRI1-H-IMC-**	Mica
RN-TRI1-B-IAR-M*	RN-TRI1-H-IAR-**	Argentum
RN-TRI1-B-ISN-M*	RN-TRI1-H-ISN-**	Satin Nickel
RN-TRI1-B-ISB-M*	RN-TRI1-H-ISB-**	Satin Brass
RN-TRI1-B-ISC-M*	RN-TRI1-H-ISC-**	Satin Chrome
RN-TRI1-B-IBN-M*	RN-TRI1-H-IBN-**	Bright Nickel
RN-TRI1-B-IBB-M*	RN-TRI1-H-IBB-**	Bright Brass
RN-TRI1-B-IBC-M*	RN-TRI1-H-IBC-**	Bright Chrome
RN-TRI1-B-IAU-M*	RN-TRI1-H-IAU-**	Gold Plated
RN-TRI1-B-IQB-M*	RN-TRI1-H-IQB-**	Antique Brass
RN-TRI1-B-IQZ-M*	RN-TRI1-H-IQZ-**	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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C = Chinese

Jacks



Triplexer – intermediate

5-2300 MHz, Loss ≤ 7 dB

(WxHxD) 86.1 x 86.1 x 21mm

Item Number boxed packaging	Item Number clamshell packaging	Colour / Finishes
RN-TRI2-B-IAW-M*	RN-TRI2-H-IAW-**	Arctic White
RN-TRI2-B-IMC-M*	RN-TRI2-H-IMC-**	Mica
RN-TRI2-B-IAR-M*	RN-TRI2-H-IAR-**	Argentum
RN-TRI2-B-ISN-M*	RN-TRI2-H-ISN-**	Satin Nickel
RN-TRI2-B-ISB-M*	RN-TRI2-H-ISB-**	Satin Brass
RN-TRI2-B-ISC-M*	RN-TRI2-H-ISC-**	Satin Chrome
RN-TRI2-B-IBN-M*	RN-TRI2-H-IBN-**	Bright Nickel
RN-TRI2-B-IBB-M*	RN-TRI2-H-IBB-**	Bright Brass
RN-TRI2-B-IBC-M*	RN-TRI2-H-IBC-**	Bright Chrome
RN-TRI2-B-IAU-M*	RN-TRI2-H-IAU-**	Gold Plated
RN-TRI2-B-IQB-M*	RN-TRI2-H-IQB-**	Antique Brass
RN-TRI2-B-IQZ-M*	RN-TRI2-H-IQZ-**	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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Trim ring



- For use when retrofitting dimmers in shallow backboxes

Trim ring

(WxHxD) 86.1 x 86.1 x 13.1mm

Item Number boxed packaging	Colour / Finishes
RN-TRRG-B-AW-M*	Arctic White
RN-TRRG-B-MC-M*	Mica
RN-TRRG-B-AR-M*	Argentum
RN-TRRG-B-BL-M*	Black

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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Trim ring compatibility chart		backbox depth	
Item	Description	16mm	25mm
LSSI-501	Lyneo slide to off (STO)	✗	✓
LSTV-F20B	Lyneo 0-10 Slider	✗	✓
LLSI-502	Lyneo preset	✗	✓
LSSM-502	Lyneo preset with status light	✗	✓
LNTV-F20B	Lyneo 0-10 preset	✗	✓
RNSU-452	Rania digital dimmer	✓	✓
RNDU-252	Rania dual digital dimmer	✓	✓
RDSU-452	Rania single accessory dimmer	✗	✓
RDDU-252	Rania dual accessory dimmer	✗	✓
RISU-452	Rania IR remote control digital dimmer	✓	✓
RIDU-252	Rania IR dual remote control digital dimmer	✗	✓
RN-SS10	Single switch	✓	✓
RN-DS10	Dual switch	✓	✓
RN-IS10	Intermediate switch	✓	✓
RS-SA05	Rania wireless RF switch	✓	✓
RS-SNAS	Rania accessory switch	✓	✓

✓ = Compatible ✗ = Not compatible

Wallplates



Blank faceplate

(WxH) 86.1 x 86.1mm

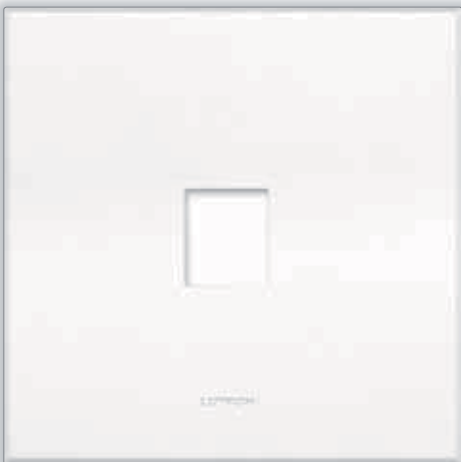
Item Number boxed packaging	Colour / Finishes
RN-BLFP-B-FAW-M*	Arctic White
RN-BLFP-B-FMC-M*	Mica
RN-BLFP-B-FAR-M*	Argentum
RN-BLFP-B-FSN-M*	Satin Nickel
RN-BLFP-B-FSB-M*	Satin Brass
RN-BLFP-B-FSC-M*	Satin Chrome
RN-BLFP-B-FBN-M*	Bright Nickel
RN-BLFP-B-FBB-M*	Bright Brass
RN-BLFP-B-FBC-M*	Bright Chrome
RN-BLFP-B-FAU-M*	Gold Plated
RN-BLFP-B-FQB-M*	Antique Brass
RN-BLFP-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

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S = Spanish /
Portuguese /
French
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Wallplates



1-port frame

(WxHxD) 86.1 x 86.1 x 11.0mm

Use with any snap-in connectors – see pages 59-61

Item Number boxed packaging	Colour / Finishes
RN-1PFR-B-FAW-M*	Arctic White
RN-1PFR-B-FMC-M*	Mica
RN-1PFR-B-FAR-M*	Argentum
RN-1PFR-B-FSN-M*	Satin Nickel
RN-1PFR-B-FSB-M*	Satin Brass
RN-1PFR-B-FSC-M*	Satin Chrome
RN-1PFR-B-FBN-M*	Bright Nickel
RN-1PFR-B-FBB-M*	Bright Brass
RN-1PFR-B-FBC-M*	Bright Chrome
RN-1PFR-B-FAU-M*	Gold Plated
RN-1PFR-B-FQB-M*	Antique Brass
RN-1PFR-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

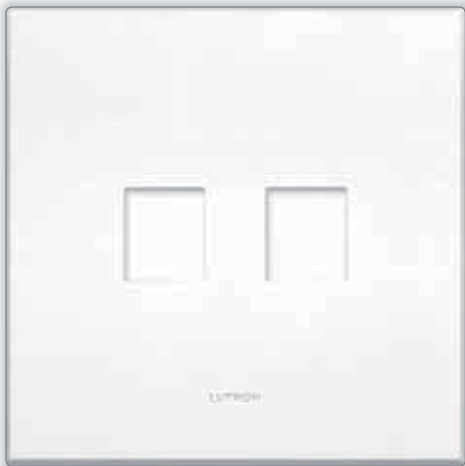
** Add single letter to specify language of packaging and instructions:

E = English

S = Spanish / Portuguese / French

C = Chinese

Wallplates



2-port frame

(WxHxD) 86.1 x 86.1 x 4mm

Use with any 2 snap-in connectors – see pages 59-61

Item Number boxed packaging	Colour / Finishes
RN-2PFR-B-FAW-M*	Arctic White
RN-2PFR-B-FMC-M*	Mica
RN-2PFR-B-FAR-M*	Argentum
RN-2PFR-B-FSN-M*	Satin Nickel
RN-2PFR-B-FSB-M*	Satin Brass
RN-2PFR-B-FSC-M*	Satin Chrome
RN-2PFR-B-FBN-M*	Bright Nickel
RN-2PFR-B-FBB-M*	Bright Brass
RN-2PFR-B-FBC-M*	Bright Chrome
RN-2PFR-B-FAU-M*	Gold Plated
RN-2PFR-B-FQB-M*	Antique Brass
RN-2PFR-B-FQZ-M*	Antique Bronze

* M = Multi-language (Chinese, Dutch, English, French, German, Italian, Portuguese, Spanish)

** Add single letter to specify language of packaging and instructions:

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C = Chinese

Connectors



RJ-11 connector Cat 3

Item Number	Colour
CON-1P-C3-WH	White
CON-1P-C3-BL	Black



RJ-45 connector Cat 5e

Item Number	Colour
CON-1P-C5E-WH	White
CON-1P-C5E-BL	Black



RJ-45 connector Cat 6

Item Number	Colour
CON-1P-C6-WH	White
CON-1P-C6-BL	Black

Connectors



Coax cable connector
F-style, 75 Ohm

Item Number	Colour
CON-1C-WH	White
CON-1C-BL	Black



BNC jack
50 Ohm, BNC

Item Number	Colour
CON-1B-WH	White



MT-RJ fibre jack

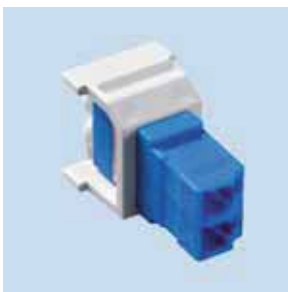
Item Number	Colour
CON-1F-MTRJ-WH	White

Connectors



SC simplex fibre jack

Item Number	Colour
CON-1F-SC-WH	White



LC fibre jack

Non-flush mount

Item Number	Colour
CON-1F-LC-WH	White



ST fibre jack

Item Number	Colour
CON-1F-ST-WH	White



Cable outlet module

Cable outer diameter range 1.8 to 8mm

Item Number	Colour
CON-COTL-WH	White
CON-COTL-BL	Black

Power boosters

Use these interfaces with **Rania® dimmers** to control higher wattage or fluorescent loads

Power Booster (PB)

RN-PB-B-AW-M

(WxHxD) 100 x 116 x 48mm



- Increase capacity for loads up to 1820 W of incandescent, halogen, magnetic low voltage and neon/cold cathode sources

Electronic Low-Voltage Interface (ELVI)

RN-ELVI-B-AW-M

(WxHxD) 100 x 116 x 48mm



- Increase capacity for loads up 1200 W/VA for electronic low-voltage sources

Fluorescent



- Control fluorescent loads of up to a switched load of 10 A, and 0-10 V output rating of 10 μ A - 300 mA. The interface sinks current only (max. 150 ballasts).

RN-TVI-B-M

(WxHxD) 155 x 318 x 84mm

Wallbox dimmer. A self-contained dimmer that replaces a standard switch.

Electronic low voltage. Track lights are usually electronic low voltage. (Control these lamps with low-voltage 12V dimmers only).

IR (Infrared). Type of remote control technology.

Magnetic low voltage. Recessed lights are often magnetic low voltage. Magnetic low voltage lights tend to be larger and heavier than electronic low voltage.

Multi-location dimming.

Allows full-range dimming from two to ten locations.

Preset dimmer. Preset dimmers have a built-in on/off switch that allows the user to turn lights on to a pre-selected light level.

Single pole. A single pole dimmer provides full-range dimming from one location only.

2-way. 2-way control allows dimming (using a 2-way dimmer) or switching from one location and on/off switching from a second location (using a 2-way switch).

How do dimmers save energy?

The triac or FET is the key to dimming, this dimmer component actually turns light on and off very rapidly – 100 times per second. The longer the triac is off, the lower the light output, and the greater the energy savings. Lutron dimmers can pay for themselves. (Please see our energy saving chart on p5)

If the lights are being turned on and off, won't the lights seem to be flickering?

No matter how bright or dim, the light level is constant and smooth. The human eye has a built in ability to see things after they go away. An example of this is in movies where the film is projected on the screen many times a second.

Doesn't turning the lights on and off quickly reduce lamp life?

No. Heat decreases lamp life. By reducing heat, lamp life is increased.

Does dimming affect halogen lamp life?

Yes. Dimming increases incandescent lamp life. Halogen lamps are incandescent lamps with a tungsten filament. Lutron's pilot test data suggests that halogen lamps will have an expected lamp life similar to other incandescent lamps when dimmed.

Why do dimmers get warm, and is this normal?

During normal operation, solid-state dimmers generate heat. A solid-state dimmer is roughly 98% efficient. 2% of the power dissipates as heat, which causes the dimmer to feel warm to the touch. The closer a dimmer is run to full output and the higher the load (watts) on the dimmer, the warmer it will feel. This is perfectly normal.

Why does my lamp buzz?

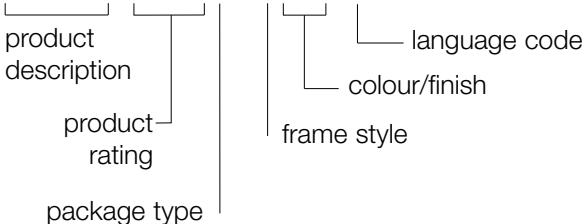
Occasionally, you may sometimes notice that a lamp is buzzing. This is caused by the lamp filament vibrating as the dimmer rapidly switches the lamp on and off. Lamp buzz is generally noisiest at the mid-range (50%) dimming level. If this happens, use rough service lamps, physically smaller lamps, or lower wattage lamps.

Why do my lights flash or suddenly change levels?

You may be experiencing a common neutral interaction. Common neutral interaction is cross talk between dimmers that share the same neutral wire. This may cause the lights to flicker, flash or suddenly change intensity. When solid-state dimmers are operating, voltage spikes occur and are transmitted onto the neutral wire.

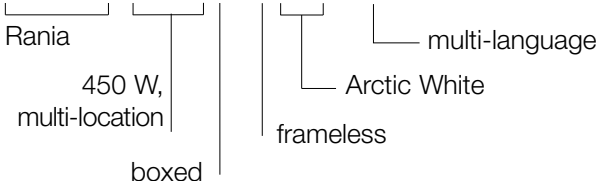
Key to model numbers:

AAAA-BBBX-SYY-Z



Example:

RNSU-452B-FAW-M



X = Package type

B = Boxes

H = Hanging clamshell

YY = Colour/finish

AW = Arctic White

AR = Argentum

MC = Mica

SN = Satin Nickel

BC = Bright Chrome

BB = Bright Brass

S = Frame style

F = Frameless

I = Matching
frame/insert

Z = Language code

For boxes select:

M = Multi-language

(Dutch, English, French,
German, Portuguese,
Spanish)

For hanging clamshells:

E = English

S = Spanish/Portuguese/
French

C = Chinese

GRAFIK Eye® QS | entire room control



In the home or the workplace Lutron's GRAFIK Eye QS gives precision control of all lights and blinds in any room, for any task or activity. Since all levels can be preset, this remarkable single room system can replicate preferred light and shade levels at the mere touch of a button.

Product features:

- controls multiple zones of lights & shades (with Sivoia QS only) from a single unit
- display shows energy monitor & astronomic timeclock
- large Seetouch™ scene buttons with customisable labels
- direct wired connection for IR remote & occupancy sensor

For complete information www.lutron.com/grafikqs



The most powerful and most flexible lighting control system in the world

Homeworks, the world's leading residential lighting control and integration system, provides simple, convenient control of all home lighting, as well as the ability to control motorized shades and curtains, and many other systems in a home. Homeworks provides many benefits.

- increased security
- design and control flexibility
- added convenience
- improved aesthetics

For complete information www.lutron.com/homeworks

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