C-Bus™ RF Wireless

Simplifying residential lighting and home control.

Make the most of your energy℠

Schneider Electric

Complete flexibility. Uncompromised functionality.

Break loose from the cumbersome wiring and associated cost of home control systems with C-Bus™ RF Wireless... wireless communication that expands your opportunity in both new and existing homes.

Designed to easily replace standard wall switches, C-Bus RF Wireless offers seamless dimming and scene control technology with the elegant aesthetic of Neo and Saturn decorator-style keypads.

Making your customer's dream home a reality has never been easier.

Dimming, Switching and Scene Control

Intelligent. Innovative. C-Bus™ RF Wireless features an all-in-one solution that other wireless control systems simply don't have... complete functionality in every device, eliminating the need for stand-alone repeaters and central controllers.

C-Bus RF Wireless Wall Units include Switches, Dimmers and Scene Controllers. The units are designed to replace standard wall switches and dimmers. By eliminating the need for additional wiring runs, C-Bus RF Wireless offers the perfect solution for retrofit applications.

4-button Neo™ style keypad

4-button Saturn™ style keypad

Control with Style

Stylish performance. In keeping with the luxurious aesthetic of the C-Bus™ wired range, C-Bus RF Wireless is available in both the Saturn™ and Neo™ decorator styles. The sleek lines and blue backlit buttons will add a unique and distinctive style that is bound to turn heads.
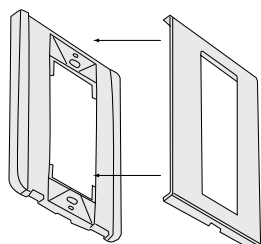
> Features and Benefits

Complete functionality in every unit, including:

- Selective mesh network for reduced traffic
- Device range of 200 ft. with no obstructions
- Built-in 3- and 4-way switch functionality
- Group association
- Preset dimming levels
- One-touch scene control
- Automatic count-down timers
- Configure using integral learn-mode, or with C-Bus Tool Kit software
- Seamless integration with a C-Bus wired system, using wireless gateway

Neo and Saturn Wall Plates

Neo decorator style face plate

Outer surround   Inner surround

Order Information

600 W & 1000 W RF Dimmers (wall plates sold separately)

Description	Catalog Number
Neo Decorator Style RF 600 W Dimmer	SLC585(x)D4LUM(xx)*
Saturn Decorator Style RF 600 W Dimmer	SLC588(x)D4LUM(xx)*
Neo Decorator Style RF 1000 W Dimmer	SLC585(x)D8LUM(xx)*
Saturn Decorator Style RF 1000 W Dimmer	SLC588(x)D8LUM(xx)*

Switches

Description	Catalog Number
Neo Decorator Style RF Switch	SLC585(x)R8FUM(xx)*
Saturn Decorator Style RF Switch	SLC588(x)R8FUM(xx)*

Scene Controllers

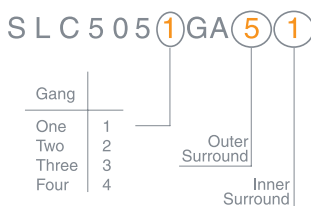| Description	Catalog Number
Neo Decorator Style RF Scene Controller	SLC5854NLM(xx)*
Saturn Decorator Style RF Scene Controller	SLC5884NLM(xx)*

* (x) Designates number of keypad buttons (available in 2 or 4 button). (xx) Designates keypad color (Neo color codes are: Slate (GB), White (WE), Cream (CM), Soft gray (SG), Desert sand (DS), Black (BK), and Brown (BR). Saturn color codes are: White (WE), Cream (CM), Black (BK), and Mocha (BR)).

Wall Plates

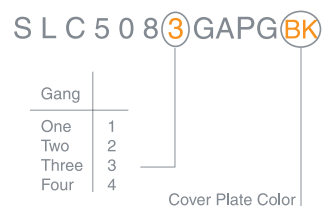| Description	Catalog Number
Neo Decorator Style Wall Plates (sold separately) (refer to wall plate ordering illustration)	SLC505(x)GA(xx)**
Saturn Decorator Style Wall Plates (sold separately)(refer to wall plate ordering illustration)	SLC508(x)GAPG(xx)**

**Order numbers for the Neo and Saturn decorator style wall plates indicate the gang number desired on the wall plate and the color of the wall plate itself.

Neo

S L C 5 0 5 ①GA ⑤ ①

Gang		Outer Surround
One	1	
Two	2	
Three	3	Inner
Four	4	Surround

Color codes are: Slate (1), White (2), Cream (3), Soft gray (4), Desert sand (5), Black (6), Brown (7), Brushed aluminum* (8), and Gold* (9). * Available in inner surround only

Saturn

S L C 5 0 8 ③GAPG ⑱⑲

Gang		
One	1	
Two	2	
Three	3	
Four	4	Cover Plate Color

Color codes are: White (WE), Cream (CM), Black (BK), and Mocha (BR).

Plug Adaptors

At the flip of a switch... Provide the comfort and convenience of controlling lounge or bedside lamps with C-Bus™ RF Wireless wall switches and remote controls.

Simply insert C-Bus RF Wireless plug adaptors into any standard power outlet – wireless plug adaptors will then communicate with other C-Bus wireless devices (such as wireless wall plates) using radio frequency wireless messaging.

> Features and Benefits

- Plugs into a standard U.S. general purpose electrical outlet (suitable for use with standard 15A receptacles)

- Communicates directly with other C-Bus RF Wireless devices

- Integral, easily accessible control/override/programming buttons

- Can be controlled via C-Bus Cat-5 wired input units such as touch screens (via a Gateway Unit)

- Unique C-Bus wireless house code

- Configure using C-Bus learn mode or via C-Bus Toolkit Software

Order Information

Description	Catalog Number
RF Plug Adaptor Relay	SLC5812R10F1UD
RF Plug Adaptor Dimmer	SLC5812D5L1UD

Remote Control

Convenience that follows you around. The C-Bus™ RF Wireless Remote Control provides simple one-touch control of C-Bus RF devices. With the ability to control up to ten separate keypad or plug adapter unit buttons with each remote control, a multitude of personalized lighting scenes will be within easy reach for your customer.

> Features and Benefits

- Compatible with all C-Bus RF devices
- Ten separate programmable buttons
- All OFF and dimming control
- LCD screen with button indicator and "learn mode" indicator
- Wall-mountable holder (included)
- Two AAA batteries (included)

Order Information

Description	Catalog Number
C-Bus RF Handheld Remote Control	SLC5888TXBD

Gateway

Expand the possibilities. The C-Bus™ RF Wireless Gateway enhances your customer's home control experience with third-party functionality or the ability to control functions such as audio, HVAC, blinds, irrigations systems and more.

By providing a C-Bus protocol communication bridge between a single C-Bus RF wireless system and a C-Bus wired network, the Wireless Gateway allows both systems to communicate and interact seamlessly with one another.

> Features and Benefits

- Control between wired and wireless C-Bus networks

- Mount horizontally or vertically

- Enable third-party operability by connecting a wireless network to a wired network

- Adjustable antenna for clear reception

- Simple Cat-5 connection to C-Bus wired system

Order Information

Description	Catalog Number
RF Wireless Gateway	SLC5800WCGD

Switch

Remote Control

Dimmer

Scene Controller

Plug Adapter

With C-Bus™ RF Wireless home control, 3- and 4-way switching couldn't be simpler. Simply add a C-Bus RF Wireless Dimmer or Switch to each room to control the load. Then add a Scene Controller in the desired multi-location switching location.

Range issues are eliminated by the built-in repeater capability of C-Bus RF Wireless.

Control light levels from the palm of your hand with the C-Bus RF Wireless Remote Control.

Connect easily to the C-Bus wired system through the C-Bus RF Wireless Gateway.

Provide the comfort and convenience of controlling lounge or bedside lamps with C-Bus™ RF Wireless wall switches and remote controls.

Technical Specifications

Neo™/Saturn™ 600 W & 1000 W RF Dimmers / RF Scene Controllers / RF Switches	
Supply Voltage	120V AC @ 60 Hz
RF Frequency	916 Mhz
Transmitting Power	5 mW
Typical Range (range depends on building construction and proximity to dense or metallic objects)	80 to 100 ft. (24.4 to 30.5 m) – Wood frame/brick veneer construction 65 to 80 ft. (19.8 to 24.4 m) – Brick, stone, or steel frame construction 50 to 65 ft. (15.2 to 19.8 m) – Steel reinforced concrete construction
Maximum Range	200 ft. (61m) in open air
Status Indicator Color	Buttons and reset – blue Learn – red (unit not set up as a repeater) blue (unit set up as a repeater)
Operating Temperature Range	32 to 104° F (0 to 40° C)
Operating Humidity Range	10% to 95% RH
Control Functions	Load switching, dimming, timer, scenes
Standards	UL Listed – 244A Solid State Controls For Appliances, FCC Part 15 – Class B Digital Device for Home or Office Use

	600 W & 1000 W RF Dimmers	RF Switches
Minimum Load Per Channel	25 W	25 W
Maximum Load Per Channel	600 W (600 W model), 1000 W (1000 W model)	8 A
Compatible Loads/Rating	1000 W: Incandescent, Tungsten, Iron Core Trans. Low Voltage Lighting / 8 A 600 W: Incandescent, Tungsten, Iron Core Trans. Low Voltage Lighting / 5 A	Incandescent, Tungsten, Fluorescent Ballast, Magnetic/Electronic Low Voltage Lighting, HID (High intensity discharge) / 8 A

RF Plug Adaptors		
	Dimmer	Switch
Supply Voltage	120V AC @ 60Hz	120V AC @ 60Hz
RF Frequency	916 Mhz	916 Mhz
Transmitting Power	5 mW	5 mW
Typical Range (range depends on building construction and the proximity to dense or metallic objects)	80 to 100 ft. (24.4 to 30.5 m) – Wood frame/brick veneer construction 65 to 80 ft. (19.8 to 24.4 m) – Brick, stone or steel frame construction 50 to 65 ft. (15.2 to 19.8 m) – Steel reinforced concrete construction	80 to 100 ft. (24.4 to 30.5 m) – Wood frame/brick veneer construction 65 to 80 ft. (19.8 to 24.4 m) – Brick, stone or steel frame construction 50 to 65 ft. (15.2 to 19.8 m) – Steel reinforced concrete construction
Maximum Range	200 ft. (60 m) (open air)	200 ft. (60 m) (open air)
Control Functions	Load switching, LE dimming, timer	Load switching, timer
Status Indicator Color	Blue	Blue
Warm-up Time	5 seconds	5 seconds
Operating Temperature Range	0 to 40° C	0 to 40° C
Operating Humidity Range	10 to 95% RH	10 to 95% RH
Minimum Load Per Channel	25 W	25 W
Maximum Load Per Channel	600 W	8 A
Compatible Loads/Rating		
Incandescent/Tungsten	5 A	8 A
Iron Core Trans. LV Lighting	5 A	
Fluorescent Ballast		8 A
Magnetic/Electronic LV Lighting		8 A
FLA Motor, 12LRA		2 A
HID (High Intensity Discharge)		8 A
Off State Power Consumption	0.5 W	0.5 W
Off State Leakage Current	300 mA	300 mA

RF Remote Control	
Supply Voltage	2 x AAA batteries
RF Frequency	916 MHz
Transmitting Power	10 mW
Typical range (range depends on building construction and the proximity to dense or metallic objects)	49 to 66 ft. (15 to 20 m) – Wood frame/brick veneer construction 33 to 49 ft. (10 to 15 m) – Brick, stone, or steel frame construction 16 to 33 ft. (5 to 10 m) – Steel reinforced concrete construction
Maximum Range (open air)	164 ft. (50 m)
Operating Environment	Temp.: 32° F to 104° F (0° C to 40° C) RH: 95%, noncondensing

RF Wireless Gateway	
C-Bus™ Supply Voltage	15 to 36 V DC, 32 mA
RF Frequency	916 Mhz
Transmitting Power	5 mW
Typical Range (range depends on building construction and proximity to dense or metallic objects)	50 to 65 ft. (15 to 20 m) – Wood frame/brick veneer construction 30 to 50 ft. (9 to 15 m) – Brick, stone, or steel frame construction 15 to 30 ft. (5 to 9 m) – Steel reinforced concrete construction
Maximum Range	200 ft. (61 m) in open air
Status Indicator Color	Off – No C-Bus connection or insufficient power Slow Flashing – Normal connection to C-Bus network Quick Flashing – Confirms that the RF Gateway has been linked to the RF Wireless system
Operating Temperature Range	32 to 104° F (0 to 40° C)
Operating Humidity Range	10% to 95% RH

Get Started Today!

For more information on C-BUS™ RF Wireless home control solutions, please visit:

www.schneider-electric.us or www.mySEhome.com

For information on becoming a C-Bus Approved Installer, visit:

www.schneider-electric.us/go/cbusai

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