

GUEST ROOM HOTEL SOLUTIONS



A complete offer
to meet all needs,
from energy saving
to GRMS solutions

CATALOGUE

CATALOGUE
PAGES
INSIDE

#legrandImprovingLives

 **legrand**[®]



Saving energy and improving service quality

Through energy management to reduce the building's carbon emissions to the environment, it brings to the hotel significant benefits and economic values. Enhance customers with comfortable environmental experience and let guests feel at home.

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ENHANCE GUEST EXPERIENCE & ENERGY EFFICIENCY

If you want to improve customer comfort, simplify work and management for hotel operators, Legrand has solutions for **new or retrofit projects**

GREEN APPROACH

- Energy management solution to reduce building carbon emissions and reduce environmental pollution
- Energy saving between 25% and 35% / year (based on average room occupancy/vacancy of one-year consumptions linked to HVAC and lighting control)
- Different solutions to fit the existing infrastructure for an easy refurbishment and to limit the use of new materials

PRODUCTIVITY

- Wired and wireless connectivity inside and outside the room limiting huge investment on new and/or retrofit projects
- Room data monitoring to simplify hotel staff tasks with Hotel Room Supervision software
- Remote diagnostics and maintenance for installer

WELL-BEING

- The lights and the temperature can be adapted depending on set scenarios such as: welcome, reading and watching TV...
- A complete set of additional peripherals to control all the room equipment: lights, curtains, services
- Contactless experience with the virtual key card function and integration with voice assistant to control the room and its scenarios

AESTHETICS & CUSTOMIZATION

- Variety of control panels, materials & designs to match the decoration styles of hotel rooms
- Customization of texts and icons for a user-friendly experience
- Full consistency with Legrand wiring devices

CONTROL & SUPERVISION

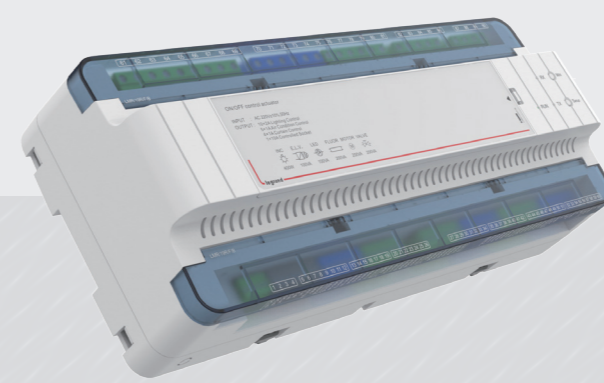
- Legrand RCUs can manage the temperature, lighting, sockets, ventilation and curtains independently in each room
- They can offer fully integrated control & monitoring via Legrand Supervision software
- They can be integrated with any Building Management System (BMS) via third party solutions and standard protocols (IP Bacnet, OPC, MQTT...).
- To enable a global management of the building and the hotel's operations, Legrand RCUs can be linked to a Property Management System like Fidelio/Opera or any others



ENERGY MANAGEMENT SOLUTIONS		GUEST ROOM MANAGEMENT SOLUTIONS	
YOUR NEEDS			
<p>ECO-FRIENDLY PRACTICES</p> <ul style="list-style-type: none"> Reduce energy consumption Decrease the carbon footprint Attract environmentally conscious guests <p>ENHANCED HOTEL PRODUCTIVITY</p> <ul style="list-style-type: none"> Streamline day-to-day operations Shorten response times for guest requests Preserve the hotel's assets for long-term sustainability Optimize housekeeping efficiency 		<p>ELEVATED GUEST EXPERIENCE</p> <ul style="list-style-type: none"> Provide a personalized and unique guest experience Ensure a more comfortable and enjoyable stay for guests Provide flexible and accommodating workspaces to meet the rising demand from digital nomads and remote workers <p>GUEST LOYALTY</p> <ul style="list-style-type: none"> Prioritize a restful night's sleep for guests Create an environment that encourages guests to return 	
THE FEATURES			
<p>WITH ENERGY MANAGEMENT SOLUTIONS (EMS)</p> <ul style="list-style-type: none"> Energy usage reduction based on room occupancy Humidity control to reduce mold through efficient HVAC management during room inoccupancy HVAC Control General ON/OFF Basic lighting scenes <p>EMS optimize energy usage, providing environmental benefits and cost savings.</p>		<p>WITH GUEST ROOM MANAGEMENT SOLUTIONS (GRMS)</p> <ul style="list-style-type: none"> Dimming, scenes and curtains control Humidity control to reduce mold through efficient HVAC management during room inoccupancy Unique & customized user interfaces Integrations at room and building level <p>GRMS ensure guest satisfaction and operational efficiency through a comprehensive solution.</p>	
OUR SOLUTIONS			
<p>ROOM CONTROLLER</p> <p>Wired solution</p> <ul style="list-style-type: none"> LA & LS/M RCUs <p>Wireless solution</p> <ul style="list-style-type: none"> UX One – Smart thermostat Z9R – Smart keycard (physical / virtual) 	<p>USER INTERFACES</p> <ul style="list-style-type: none"> RS 485 12V Dry contacts Mechanical Push buttons 	<p>ROOM CONTROLLER</p> <ul style="list-style-type: none"> IP BACNET RCU LS RCU LS/M RCU LA RCU 	<p>USER INTERFACES</p> <ul style="list-style-type: none"> SCS RS 485 12V Dry contacts Mechanical Push Buttons

RCU

Diverse RCU offers interconnected with many kinds of devices and protocols



- RCU NETWORKING OPTIONS**
TCP-IP, BACNET, WIFI, SCS-BUS, RS485 BUS, MODBUS, ZIGBEE
- LIGHTING CONTROL**
ON/OFF, Phase Dimming, 0-10V, DALI, DMX512, RGB Dimming
- CURTAINS & SHEERS CONTROL**
Phase control motors, dry contacts
- AIR-CONDITIONER TYPES**
2/4-pipes FCU, split air-conditioner, VRV, DC brushless, 0-10V DC brushless, MOD-BUS, RS485 protocol
- PMS INTERFACE**
Oracle (Fidelio Opera), Amadeus, Protel, HIS ...
- THIRD PARTY INTEGRATION**
Interface with doorlocks (Assa abloy/Vingcard, Dormakaba, Salto...)
Voice assistants
Ipad/tablet
IPTV ...

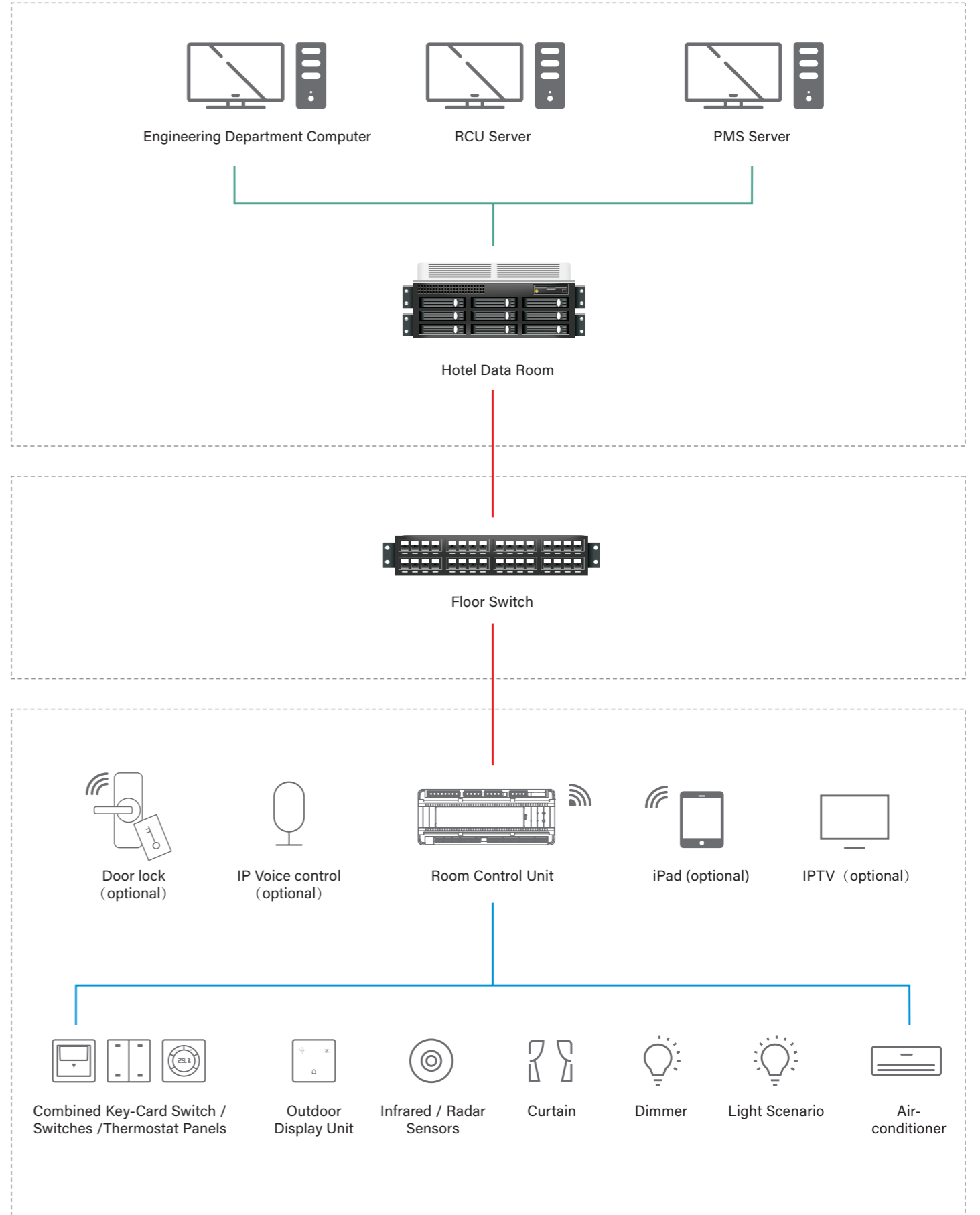
RCU CONTROL PANEL

- TYPES**
SCS, RS485, 12V Dry Contact, Mechanical Push Button
- MATERIALS**
Metal, Plastic, Glass
- OPERATION MODE**
Rocker Switch, Push-Push Button, Touch
- BACKLIT**
LED, LED Matrix, 2-Color Backlit, Proximity Light
- MARKING**
Laser, Silk-Printing
- THERMOSTAT**
Support multi-gang fixing and matching with switches, with automatic and manual operations



Different customized panel options

RCU SYSTEM ARCHITECTURE



HOTEL CONTROL ROOM

HOTEL LAN - RISER

GUEST ROOM

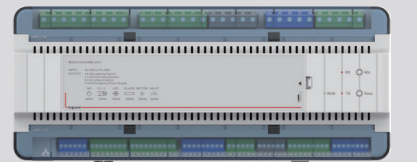


RCU SYSTEM

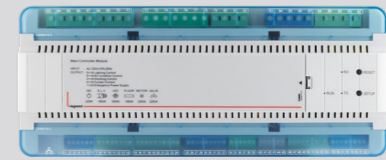
Wired
RCU System



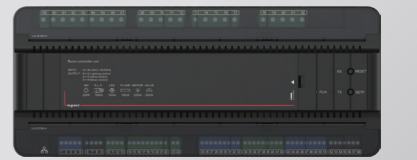
P12 BACNET RCU



P14 LS RCU



P16 LS/M RCU



P18 LA RCU

Wireless
System



P22 UX ONE



P26 Z9R ZIGBEE

Wired RCU System



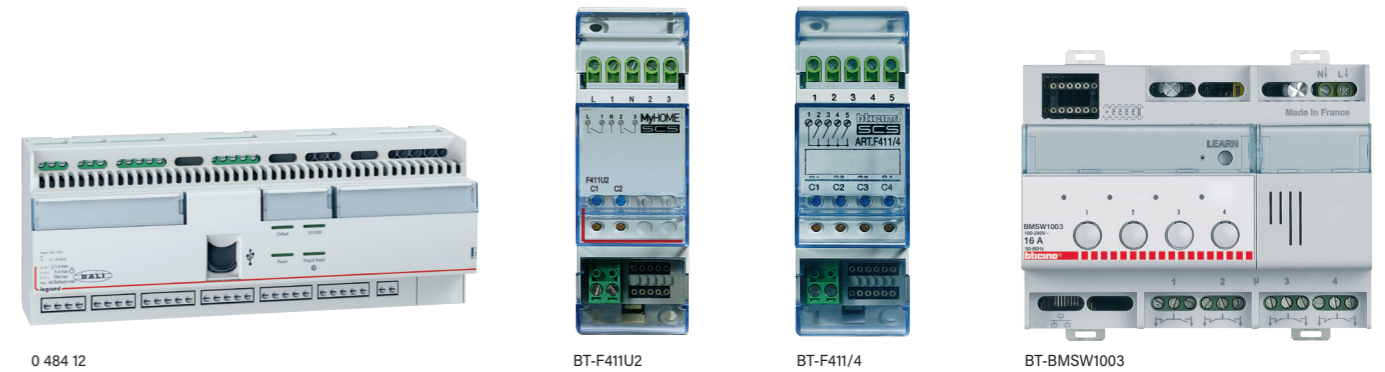
BACnet RCU System

- IP modular controller designed for controlling hotel guest rooms and common areas
- DALI dimming output embedded in the RCU
- Possibility to control all room functions (lights, shutters, temperature, DND/MUR functions.)
- A BUS/SCS input is used to associate compatible actuators and BUS controls with the SCS protocol Inside the room
- Communication protocol over IP network: BACnet
- Integration of third-party systems (PMS, BMS, VRV/VRF System, access control.)



- Wiring devices compatibility: 220V traditional mechanical push buttons (Art D'arnould, Arteor, Mallia Senses, Galion, Living Now), SCS control panel (Arteor, UX touch, Living Now)
- Technologies compatibility : SCS, Dry Contact

BACnet RCU



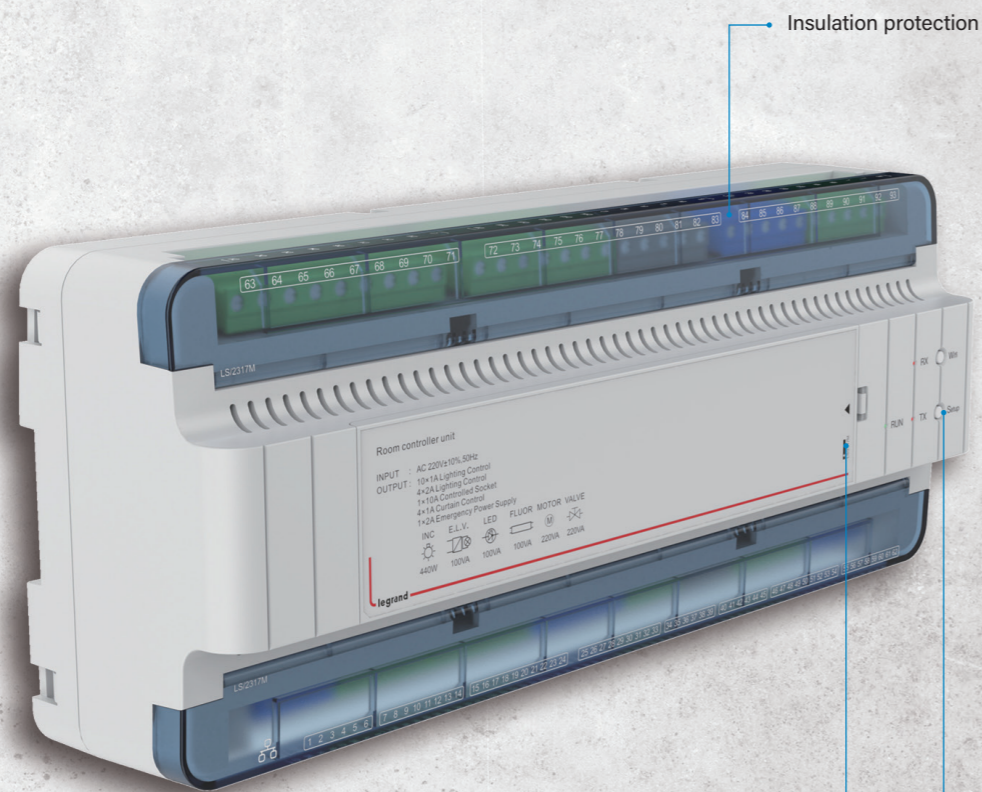
Items	BACnet Room Controller Units	Items	Multi-application DIN controllers
0 484 12	Power modules equipped with output contacts for controlling: - different types of ON/OFF load (lighting, roller shutters, contactors, motors, etc.) - a DALI dimming output for 64 ballasts max. Loads are managed by the controls to which they are linked: either by BUS SCS controls, or by wired connection input terminals (switches, push-buttons, volt-free contacts)	BT-F411U2	NO contact For lighting and motors 2 DIN modules 17.5 mm
0 484 08	8 inputs - 10 outputs 8 DIN modules 17.5 mm	BT-F411/4	2 outputs 10 A with neutral connection 4 output 6 A - common phase
0 484 12	16 inputs - 16 outputs 12 DIN modules 17.5 mm	BT-BMSW1003	DIN on/off lighting controllers For lighting (commercial sector) 4 outputs 16 A 6 DIN modules 17.5 mm
BT-E49	BUS power supplies Maximum current supplied: 0.6 A 2 DIN modules 17.5 mm Input voltage: 230 VA - output voltage 27 V=	BT-BMSW1005	8 outputs 16 A 10 DIN modules 17.5 mm
BT-346020	Additional power supply Provides power for Webserver 2 DIN modules 17.5 mm	BT-F418U2	DIN controllers for dimming For use in conjunction with loads and control mechanisms (p. 641) for dimming control For dimmable LEDs and CFL (Compact Fluorescent Lamps) incandescent, halogen lamps and electronic transformers 2 outputs - loads with separate channels: 1-300 VA / 230 V or 1-150 VA / 110 V - loads with parallelized channels: 2-600 VA / 230 V or 2-300 VA / 110 V
BT-F430R8	DIN actuators for the control of ON/OFF valves, motorised valves, pumps and fan coils with 0-10 V proportional valves Actuator with 8 independent relays for the control of on-off valves, motorised valves (open-close and three-point valves), pumps and fan coils with 2 and 4 tubes 4 A resistive, 1 A motorised valves, pumps and fan coils 4 DIN modules 17.5 mm	BT-F413N	For 1-10 V ballasts 500 VA maximum 2 DIN modules 17.5 mm
BT-F430R3V10	Actuator with 3 independent relays and 2 x 0-10 Volt outputs for the control of fan coils with 2 and 4 tubes with 0-10 Volt proportional valves 4 A resistive, 1 A fan coils 4 DIN modules 17.5 mm	048872	RJ adaptor For connecting Cat.Nos BT-BMSW1003, BT-BMSW1005, BT-F416U1, BT-BMDI1002 to the BUS Male connector
BT-F430V10	Actuator with 2 x 0-10 Volt outputs for the control of 0-10 V proportional valves 2 DIN modules 17.5 mm	BT-F428	Contact interfaces Allow the connection between traditional wiring devices such as switches, time delay switches or external sensors 2 independent contacts 2 DIN modules 17.5 mm
BT-F430/4	DIN rail actuators 100/240 VA - 50/60 Hz Actuator with 4 independent relays For single, double or mixed loads: 6 A resistive, 3 A motorised valves, pumps and fan-coils 2 DIN modules 17.5 mm	BT-3477	Basic modularity to be installed in flush-mounting box

Wired RCU System

RS485

LS Series RCU

- Modular design, 35mm DIN installation, easy maintenance.
- Main control module and other functional modules equipped with I/O ports.
- Semi-transparent insulation protection and overload protection for every circuits for extra safety and reliability.
- Equipped with wiring terminals for an easy and fast installation.
- All modules have independent MCUs for flexible configuration and expansion.
- Communicating with 3rd party devices using the interface module.



Concealed overload protection

Manual operation

RS485 LS RCU



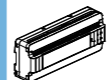
LS/2317M







LS/TR/T










LS/8CK

LS/8R/H

LS/PWR4

Items	LS Main Control Module
LS/2317M	 <p>MAIN MODULE Strong electricity input voltage: AC 220 ± 10V 50Hz ELV input voltage: DC 12V Working current: < 315ma External network communication mode: tcp/ip 1 way WiFi port 1 way (optional) Intranet communication mode: RS485 port 2 channels Dry contact input: 23 channels, input voltage DC 12V Input signal of card: 1 channel Indication output of dry contact: 17 channels Light loop I: Resistive load: 4 * 400W (max); inductive load: 4 * 200VA (max); capacity load: 4 * 200VA (max); Light loop II: Resistive load: 8 * 200W (max); inductive load: 8 * 100VA (max); capacity load: 8 * 100VA (max); Emergency circuit: resistance load: 1 * 200W (max); inductive load: 1 * 100VA (max); capacity load: 1 * 100VA (max); Curtain circuit: 4 * 100VA (max); Controlled socket: resistance load: 1 * 2000W (max); inductive load: 1 * 1000VA (max); capacity load: 1 * 1000VA (max) Installation: DIN-rail mounting Dimensions: 288x117x72mm</p>

Items	LS Modules
LS/TR/B	 <p>Standard rooms expansion interface module 1 - channel VRV / VAV RS485 interface - 8 DIN modules</p>
LS/TR/T	 <p>Suit rooms expansion interface module 2 - channel VRV / VAV RS485 interface - 8 DIN modules</p>
LS/HAVC/B	 <p>FCU air conditioner module for standard room Air conditioning circuit: 5 * 200va (max) - 8 DIN modules</p>
LS/HAVC/T	 <p>FCU air conditioner module for suite room Air conditioning circuit: 10 * 200va (max) - 8 DIN modules</p>
LS/HAVC/DC	 <p>DC variable frequency fan coil air conditioner actuator 0 - 10V output: 1 channel (≤ 100mA) - 8 DIN modules</p>
LS/PWR2	 <p>Power supply, 2A Output current: 0 ~ 2A - 8 DIN modules</p>

Items	LS Modules
LS/PWR4	 <p>Power supply, 4A Output current: 0 ~ 4A - 8 DIN modules</p>
LS/8CK	 <p>Curtain actuator, 8 channel Curtain circuit: 8*200VA (max)) - 8 DIN modules</p>
LS/8R	 <p>ON/OFF actuator, 8 channel Lighting circuit: 8*200W (max) - 8 DIN modules</p>
LS/4R4CK	 <p>ON/OFF + Curtain control actuator, 8 channel Curtain circuit: 4*200W (max) Light loop: 4*200W (max) - 8 DIN modules</p>
LS/8R/H	 <p>High current ON/OFF actuator, 8 channels Light loop: Resistive load: 8 * 600W (max) Inductive load: 8 * 300VA (max) Capacitive load: 8 * 300VA (max) - 8 DIN modules</p>
LS/2DIM	 <p>SCR dimming actuator, 2 channels Dimming circuit: resistive load: 2 * 200W (max) inductive load: 2 * 100VA (max) capacitive load: 2 * 100VA (max) - 8 DIN modules</p>
LS/4DIM	 <p>SCR dimming actuator, 4 channels Dimming circuit:resistive load: 4 * 200W (max) inductive load: 4 * 100VA (max) capacitive load: 4 * 100VA (max) - 8 DIN modules</p>
LS/4DIM/DC	 <p>0-10V dimming actuator, 4 channels 0-10V dimming output: 4 * 100mA (max) - 8 DIN modules</p>
LS/2FW	 <p>Four wire ON/OFF actuator, 2 channels Realize floor lamp and RCU system dual control function - 8 DIN modules</p>

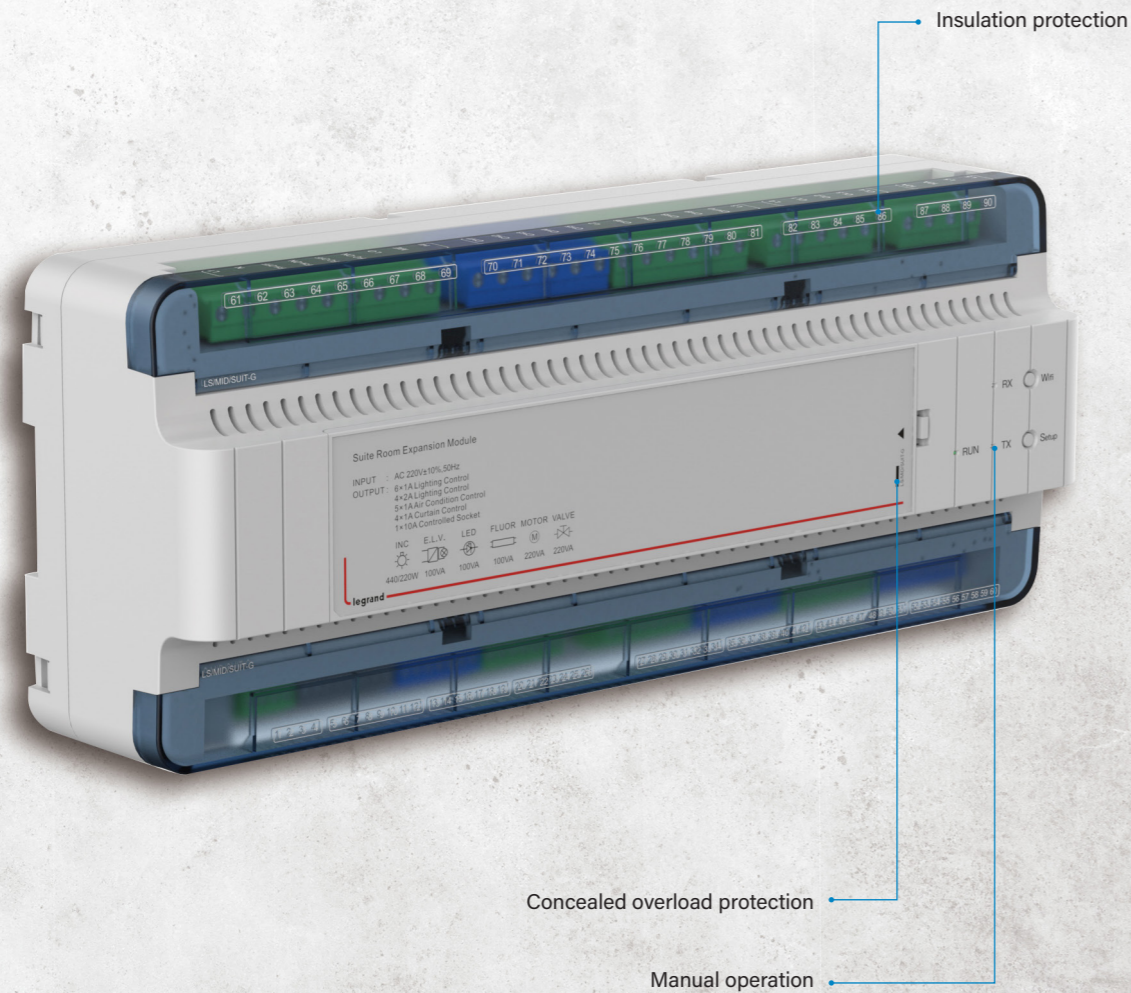
- Wiring devices compatibility: 220V traditional mechanical push buttons (Art D'arnould, Arteur, Mallia Senses, Galion, Living Now), E4, E5, E6, K9R
- Technologies compatibility : RS485, 12V Dry Contact

Wired RCU System

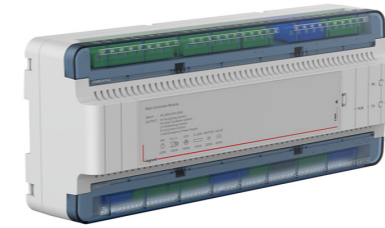
RS485

LS/M Series RCU

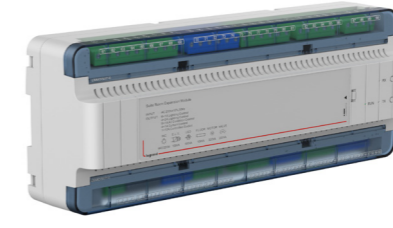
- Modular design, 35mm DIN installation, easy for maintenance.
- I/O ports concentrating on main module, also each functional module with I/O ports.
- With semi-transparent insulation protection, and each loop having overload protection, more safety and reliability.
- Using wiring terminals, easy and fast for installation.
- Any module has independent MCU, flexible for configuration and expansion.
- Remotely upgrading and with interface module to communicate with third-party devices.



RS485 LS/M RCU



LS/M2418-G



LS/MSUIT-G



LS/MSTD-G



LS/MTR-G

Items	LS/M Main Control Module
LS/M2418-G	Main control module with built-in power supply 1 group of central air conditioners 5-channel ON/OFF lights 2-channel thyristor dimming 2 sets of curtains 24 I/O inputs 18 I/O outputs 2 sets of RS485 interfaces 1 set of WIFI networking interfaces Self-return road insurance tube Built-in switching power supply TCP/IP or WIFI networking
LS/MSUIT-G	LS/M Modules Suite Rooms expansion modules 1 FCU HVAC 10-channel ON/OFF 1 channel controlled socket output 2 sets of curtain output 19 I/O inputs 19 I/O outputs 2 RS485 interfaces circuit insurance tube
LS/MSTD-G	Standard Rooms expansion module 7-channel ON/OFF 1 channel controlled outlet output 10 I/O inputs 10 I/O outputs 2 sets of RS485 interfaces Self-return road insurance tube
LS/MTR-G	Third-party interface module 2 RS485 intranet interfaces; 3 RS485 third-party interfaces Capable to docked with VRV, curtain motor, third-party bus panel, third-party thermostats, etc.

Items	Enclosure
LE/BOX-A	Standard Box A (suitable for both LS & LS/M) Buckle type electrical box, dimensions: 530*520*100mm Two rows of standard DIN rails are welded inside: 24 DIN modules per row for a total of 48 DIN modules With three busbars
LE/BOX-B	Standard Box B (suitable for both LS & LS/M) Buckle type electrical box, dimensions: 590*620*100mm Two rows of standard DIN rails are welded inside: 24 DIN modules per row for a total of 48 DIN modules With three busbars With sink trough and conversion iron plate
LE/BOX/T-A	Suite Box Type A (suitable for both LS & LS/M) Buckle type electrical box, dimensions: 530*520*100mm Two rows of standard DIN rails are welded inside: 24 DIN modules per row for a total of 48 DIN modules With three busbars
LE/BOX/T-B	Standard Box Type B (suitable for both LS & LS/M) Buckle type electrical box, dimensions: 590*850*100mm Contains three rows of standard DIN rails, each row of 24 DIN modules for a total of 72 DIN modules With three busbars With sink trough and conversion iron plate
LS/XC/4/4	Communication Wires 4P+4P communication wire 530mm length, used for power supply and internal communication With four core cable (including terminal)
LS/XC/4/8	4P+8P communication wire 530mm length, Used for internal communication
LS/XC/8/8	8P+8P communication wire 530mm length, Used for internal communication

• Wiring devices compatibility: 220V traditional mechanical push buttons (Art D'arnould, Arteur, Mallia Senses, Galion, Living Now), E4, E5, E6, K9R
 • Technologies compatibility : RS485, 12V Dry Contact

Wired RCU System

RS485

LA Series RCU

- Standard module design, fast installation and maintenance.
- High current wiring terminals, high current resistance components.
- Suitable for lighting and air-conditioning control functions with simple functions or less loops.
- The standardized function design for hotel can be programmed on the spot
- Remotely upgrading.





RS485 LA RCU



LA/1819M-A



LA/1819M-B

Items	LA Main Control Module
LA/1819M-A	 <p>Module A Input voltage: AC180-240V 50Hz Output voltage: DC 12V 2A (built-in power supply) Operating current: 500mA Static power consumption: ≤6W External network communication mode: TCP/IP 1 channel Intranet communication mode: RS485 port 3 channels Dry contact input: 18 channels input voltage DC12V Dry contact indication output: 19 channels Card input signal: 1ch Light circuit: 8*200W (MAX) Air conditioning circuit: 5*200VA (MAX) Mounting: DIN rail mounting Dimensions: 288x117x72mm</p>
LA/1819M-B	 <p>Module B Input voltage: AC180-240V 50Hz Output voltage: DC 12V 2A (built-in power supply) Operating current: 500mA Static power consumption: ≤6W External network communication mode: TCP/IP 1 channel Intranet communication mode: RS485 port 3 channels Dry contact input: 18 channels input voltage DC12V Dry contact indication output: 19 channels Card input signal: 1ch Light circuit: 13*200W (MAX) Mounting: DIN rail mounting Dimensions: 288x117x72mm</p>

Items	Enclosure
LA/BOX-A	<p>Standard Box Type A Buckle type electrical box, dimensions: 390*320*100mm A row of standard DIN rails is welded inside, each row of 16 DIN, a total of 16 DIN With two busbars</p>
LA/BOX-B	<p>Standard Box Type B Buckle type electrical box, dimensions: 490*400*100mm A row of standard DIN rails is welded inside, each row of 16 DIN, a total of 16 DIN With two busbars With sink trough and conversion iron plate</p>

- Wiring devices compatibility: 220V traditional mechanical push buttons (Art D'arnould, Arteur, Mallia Senses, Galion, Living Now), E4, E5, E6, K9R
- Technologies compatibility : RS485, 12V Dry Contact

Wired RCU System

RS485

Guest Room Management Software (LA, LS/M, LS RCUs Series)

ROOM SETTING AND MANAGEMENT

- Set the room control logics by programming the RCU and server on site.
- Remotely download the RCU parameters: lighting scenes, room status, air conditioning parameter, etc.

SCENARIOS SETTING

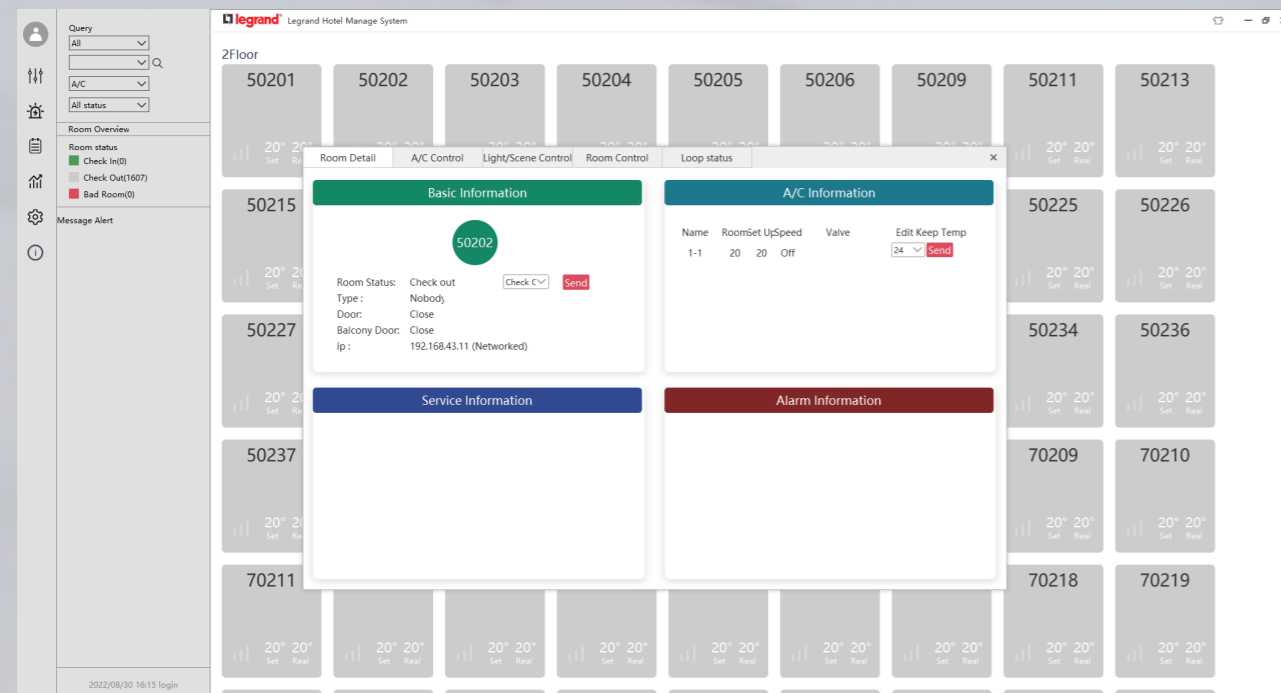
- Welcome scenario.
- Goodbye scenario.
- Guest returning.
- Night scenario.
- Master ON/OFF scenarios.
- Air conditioning contro.
- Doorbell, sockets, etc..

ENERGY SAVING AND MANAGEMENT

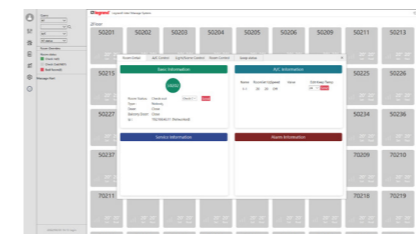
- Using statistical data to give quantitative calculation and energy saving ratio for the RCU system.
- To calculate the energy consumption status by managing the fan coil speed, the ON/OFF valve, the room temperature, and showing real-time information.
- Real time statistics on energy consumption of room lamps.

PMS INTERFACE

- Opera/Fidelio, etc..



RS485 RCU management software /Accessories



RCU/NSW/MS



RCU/H251/12V



RCU/PIR/1



RCU/MF/1

Items	RCU Management Software
RCU/NSW/SV	RCU server software The server-side software and database of the guest room control system are installed on the computer room server to collect the room RCU data
RCU/NSW/MS	Client Management software The client software of the guest room control system is installed in the guest room center and the PC side management software of the engineering department, with functions such as room management, air conditioning management, and energy saving analysis
RCU/NSW/OPERA	Fidelio\Opera interface software The PMS system room control system data port is purchased by the hotel PMS open port connection interface software, support RS232 interface and TCP/IP interface
RCU/IPAD/IOS	Ipad App software Suitable for IPAD with Apple IOS 9.0 or above genuine operating system, suitable for guest rooms with iPad control needs, and can be used with wifi version RCU

Items	Accessories
RCU/H251/12V	DND/MUR indicator and bell button 12V Size: 33mm diameter, mounting opening diameter 30mm Installation: Snap-on installation Standard colors: Silver, Black, Champagne Gold, Rose Gold Control mode: dry contact signal, indicating common anode, DC12V Features: Two-color display, Do Not Disturb (red) / Check in (white)
RCU/TP	RCU General temperature probe Size:186.5*67*22.5mm Installation: Return air pipe insertion screw fixed or placed in the return air outlet Standard color: Champagne gold Control form: Communicate with the RCU via RS485 Two-color LED communication status display Scope of application: temperature sensitivity: ±0.5℃, suitable for hotels that need accurate temperature control, hotels that have purchased third-party strong electric thermostats, or use them as extended temperature probes for our thermostats

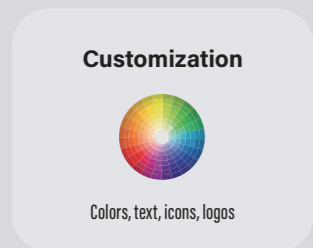
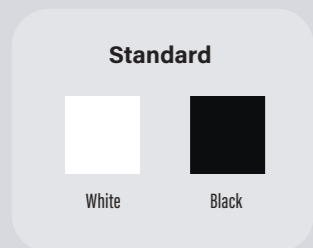
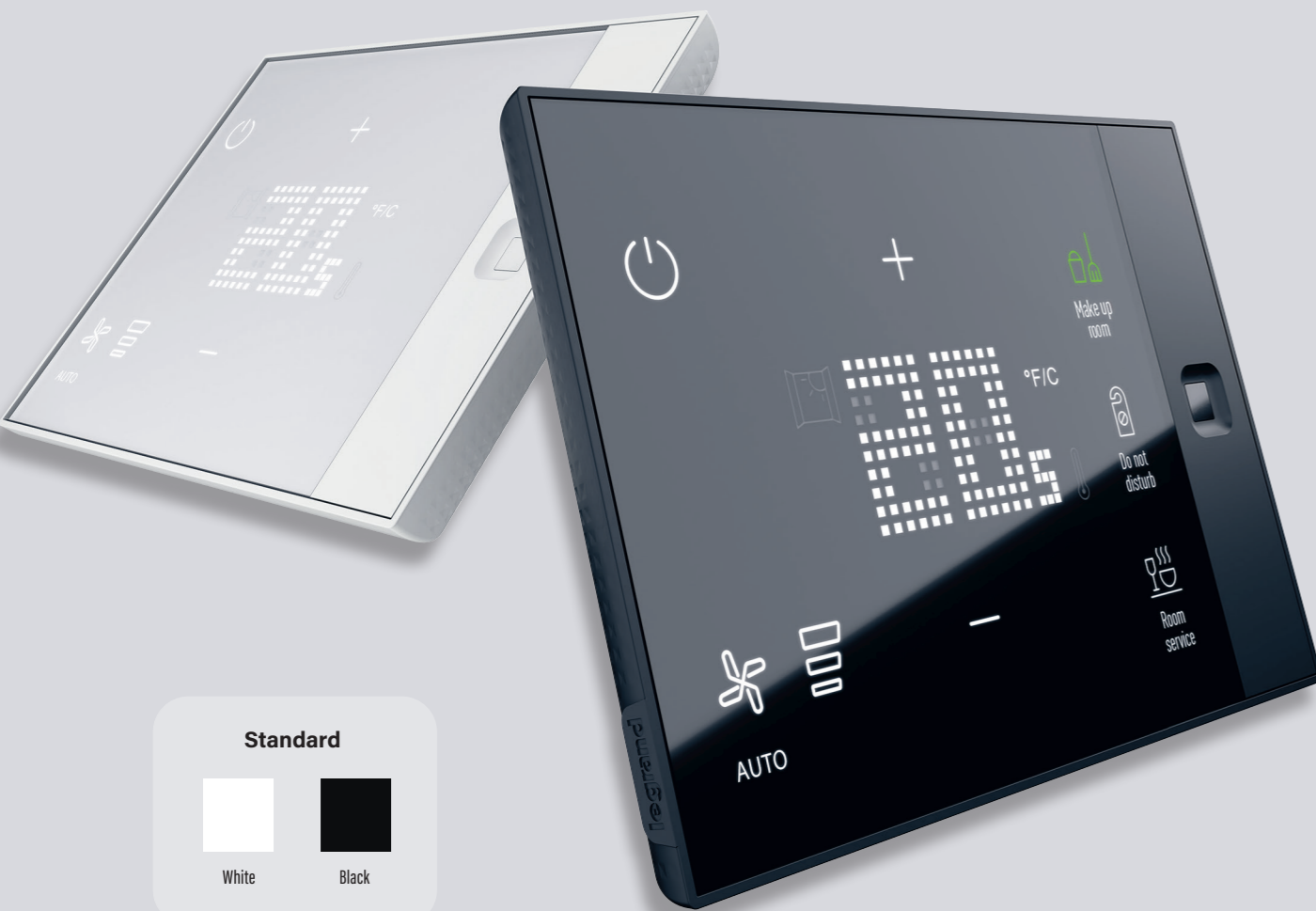
Items	Accessories
RCU/MC-D10	Closet door detector Size: Lower end: Φ10*15mm upper end (with wire end) Φ10*18mm Installation: It is installed on the door frame, Standard color: White Control mode: passive dry contact
RCU/MC-D19	Door detector Size: Lower end: Φ20*24mm upper end (with wire end) Φ20*24mm Installation: It is installed on the door frame Standard color: Black Control mode: passive dry contact
RCU/MC-S10	Door detector (square) Size: Lower end: 64*13*12.8mm Upper end (with wire end): 64*19.5*12.8mm Installation: installed on the door frame, suitable for push-pull type and other aluminum alloys Doors and windows are openly decorated Standard color: white Control form: passive dry contact
RCU/ML	Low-voltage two-tone doorbell Size:92*63*30mm Standard process: PC injection molding Standard color: white Control form: main engine direct control, DC12V, common anode, cathode drive
RCU/PIR/1	PIR sensor ceiling mounting Size:Φ80*26mm(round) Installation: ceiling-mounted ceiling installation Standard color: white Control mode: generally used for indoor, infrared single detection Dry contact signal, DC12V
RCU/PIR/IMD	US/PIR sensor ceiling mounting Size:Φ80*26mm(round) Installation: ceiling-mounted ceiling installation Standard color: white Control mode: generally used for bathroom, infrared and microwave dual detection Dry contact signal, DC12V
RCU/MF/1	MF1 card programmer MF1 power card issuing machine, including card issuing software and 2 authorized cards, supporting the issuance of MF1 power card

Wireless System

ZigBee

UX ONE

- Room controller embedded in a smart thermostat
- Ideal for retrofits thanks to wireless technology
- Energy saving through presence detection
- Temperature control and scenarios management in one device
- Compatible with a set of additional peripherals to control all the room functions (lights, curtains, services and scenarios)
- Integrated in Hotel ecosystem thanks to standard protocols (BACnet and MQTT)



- Wiring devices Compatibility: ZigBee devices (Arteor, Mallia Senses, Living Now)
- Technologies Compatibility : ZigBee

UX One RCU



0 489 00 0 489 15 0 489 90 + 0 489 00 + 0 489 91 0 489 10

UX one connected thermostat with room occupancy sensor to optimise energy management can be used for both heating and/or air conditioning. It allows to choose and display the setpoint temperature, ventilation speed and switch to thermal protection mode. The screen displays the measured ambient temperature or the setpoint temperature. Possibility to add up to three wired devices to the thermostat, such as motion sensor Cat.No 0 487 78 or door/window sensor Cat.No 0 419 03. It has one relay output to drive a power contactor. Integrated Zigbee 3.0 and Bacnet protocol for connection with a BMS (building management system). UX One thermostat parameters and peripherals are configured through Hotel + Project software. Up to three additional functions: "DO NOT DISTURB"/"MAKE UP ROOM"/"Scenarios". Possibility to customize touch control using configurator on Legrand website: icon, color, hotel logo, mounting support, etc. Wall-mounted at a height of approximately 150 cm above floor level, unless otherwise specified by standards in force.

Flush-mounted Thermostats 230 V

Items	Standard	Description
0 489 00	0 489 15	Supplied complete with flush-mounting box. Mounted using support Cat.No 0 489 90 and frames Cat.No 0 489 92 or Cat.No 0 489 91 for flush-mounting.
0 489 02	0 489 24	● Black ○ White

Flush-mounted Thermostats 24 V

Items	Standard	Description
0 489 04	0 489 27	Supplied complete with flush-mounting box. Mounted using support Cat.No 0 489 90 and frames Cat.No 0 489 91 or Cat.No 0 489 92 for flush-mounting.
0 489 06	0 489 29	● Black ○ White

Accessories

0 489 90	Box and support for flush-mounting	For ultra-slim mounting of touch controls
0 489 91	Frames for flush-mounting	● Black ○ White Custom
0 489 92		
0 489 84		

Surface-mounted Thermostats 230 V

Items	Standard	Description
0 489 01	0 489 23	"DO NOT DISTURB"/"MAKE UP ROOM"
0 489 03	0 489 25	● Black ○ White

Surface-mounted Thermostats 24 V

Items	Standard	Description
0 489 04	0 489 27	"DO NOT DISTURB"/"MAKE UP ROOM"
0 489 06	0 489 29	● Black ○ White

HVAC Actuator

0 489 10

Power supply 110/240 VAC. For combined use with UX One thermostats to control heating/air conditioning/ventilation. Can control different load types depending on requirements.

DIN Rail Mounted ON/OFF Actuator

0 038 02

Zigbee 3.0 and Green Power technologies combined, including the Proxy and Sink functions, on the ISM 2.4 GHz band (2400/2483.5 MHz), with 16 channels (11 to 26) Max. RF power < 20 dBm/100 mW. Range: 150 m in unobstructed space, point to point.

Other configurations available on request
Contact your regional department

Wireless System

ZigBee

UX One Hotel Room Supervision Software

ROOM DATAS MONITORING TO SIMPLIFY HOTEL STAFF TASKS WITH HOTEL ROOM SUPERVISION SOFTWARE

- The receptionist knows all the room information to provide the best services
- The facility manager can monitor that all rooms are working well and adapt the temperature regulation according to the season
- Through the Hotel Supervision software it will be possible to know information on room status (booked, occupied, temperature, active scenarios)

EASY CONFIGURATION THROUGH HOTEL + PROJECT APP

- Dedicated tool to set-up UX one thermostat, room devices and scenarios
- Available for both desktop and mobile



- Wiring devices Compatibility: ZigBee devices (Arteor, Mallia Senses, Living Now)
- Technologies Compatibility : ZigBee

UX One radio controls



UX One room monitoring



Q2 2024

Q2 2024



0 884 20

ZigBee

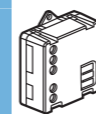


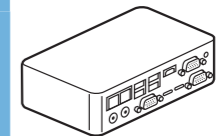
0 675 81

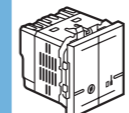



0 489 09

Products compatible with UX One thermostats

Items	Badge Reader Micromodule
0 884 20	 <p>For connecting a conventional keycard reader to a Zigbee 3.0 installation and Green Power technologies combined, including the Proxy and Sink functions, on the ISM 2.4 GHz band (2400/2483.5 MHz), with 16 channels (11 to 26) Max. RF power < 20 dBm/100 mW Range: 150 m in unobstructed space, point to point</p>

Items	Hotel Gateway
0 489 09	 <p>For centralising all UX One thermostat data to be fed to a room monitoring interface for hotel reception Also used to control rooms remotely from hotel reception (scenarios, temperature) One hotel gateway per installation</p>

Items	«Do not disturb/Make up room» Arteor Switch
5 701 09	 <p>Zigbee 3.0 and Green Power technologies combined, including the Proxy and Sink functions, on the ISM 2.4 GHz band (2400/2483.5 MHz), with 16 channels (11 to 26) Max. RF power < 20 dBm/100 mW Range: 150 m range in unobstructed space, point to point Supplied with cover plate, to be equipped with a Batibox support and a Arteor plate (p. 594)</p> <ul style="list-style-type: none"> ○ White ● Magnesium ● Champagne ● Soft Alu
5 701 11	
5 701 12	
5 701 10	

Items	Corridor Indicator
0 675 81	 <p>Corridor indicator with «Do Not Disturb» and «Make Up Room» icons for Hotel staff. Bell pushbutton embedded. Radio technology.</p>

Wireless System

ZigBee

Z9R Zigbee RCU system

- Plate material: Plastic / Metal.
- Surface finishing: Plastic-painting / Aluminum anodizing.
- Communication mode: ZigBee.
- Two colors (white & orange) LED backlight for ZigBee with proximity sensing.
- Large push button rocker.
- Multi-gang installation up to 4-gang, vertically or horizontally.

Zigbee RCU devices:

- Communication mode: WIFI & Zigbee.
- Ideal for retrofits & hotel upgrade thanks to wireless technology
- Energy saving through presence detection (virtual key card function)
- Compatible with a set of additional peripherals to control all the room functions (lights, curtains and scenarios)



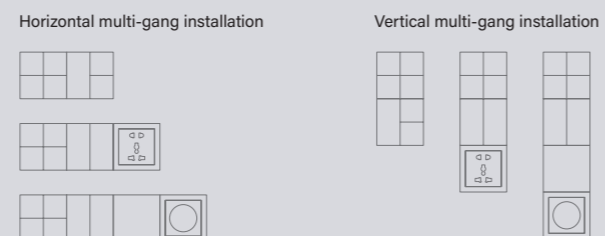
Smart virtual key card gateway

Standard

Metal	Plastic
Brushed black	Champagne

Customization

Colors, text, icons, logos



- Wiring devices Compatibility: Z9R ZigBee RCU
- Technologies Compatibility : ZigBee

Z9R Zigbee RCU



Material and Color Availability: Champagne Plastic, Brushed black Metal

Items	Gateway And External Indicator
Z9R/32KTY/GW-C2-E	Gateway (with MF1 Add-in Card)
Z9R/32KTY/GW-C-E	<ul style="list-style-type: none"> ● Champagne ● Black
Z9R/32VKTY/GW-C2-E	Gateway
Z9R/32VKTY/GW-C-E	<ul style="list-style-type: none"> ● Champagne ● Black
Z9R/H251-C2-E	External Indicator With Neutral
Z9R/H251-J2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black
Z9R/MC-E	Door Detector
Z9R/DG03-E	Pir Sensor Flush Ceiling Mounting
Z9R/31/1LN-C2-E	Switch
Z9R/31/1LN-J2-E	Zigbee communication protocol /220V power supply, with proximity sensing
Z9R/32/1LN-C2-E	1 Gang Switch With Neutral
Z9R/32/1LN-J2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black
Z9R/33/1LN-C2-E	2 Gang Switch With Neutral
Z9R/33/1LN-J2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black
Z9R/CK/2-C2-E	3 Gang Switch With Neutral
Z9R/CK/2-J2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black
Z9R/WKQ-C2-E	1 Gang Curtain Switch With Neutral
Z9R/WKQ-J2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black
Z9R/WKQ-C2-E	Thermostat
Z9R/WKQ-J2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black

Items	Scenario Switch
Z9R/31/2-C2-E	Zigbee communication protocol /220V power supply, without relays
Z9R/31/2-J2-E	1 Gang Scenario Switch With Neutral
Z9R/32/2-C2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black
Z9R/32/2-J2-E	2 Gang Scenario Switch With Neutral
Z9R/33/2-C2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black
Z9R/33/2-J2-E	3 Gang Scenario Switch With Neutral
Z9R/34/2-C2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black
Z9R/34/2-J2-E	4 Gang Scenario Switch With Neutral
Z9R/34/2-J2-E	<ul style="list-style-type: none"> ● Champagne ● Brushed black
Z9R/TRS-E	Z9R Modules
Z9R/4R-E	RS485 Interface Module
Z9R/DIM-E	Features: Zigbee wireless communication to wired RS485 communication
Z9R/DIM/RGB-E	Wireless 4-Channel Relay Module
Z9R/PP-E	Light loop: 4*200W (max)
	1-Channel Phase Dimming Module
	Dimming circuit: 1*200W (max)
	RGBW Dimming Module
	RGBW dimming loop output: 4*100mA (max)
	Repeater Module
	Zigbee wireless communication distance extension or node extension



RCU CONTROL PANEL

RCU
Control Panel



P30 UX Touch



P32 K9R



P36 E6



P38 E5

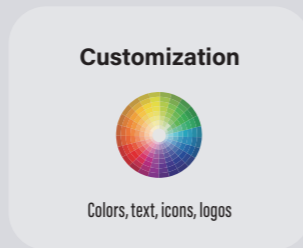
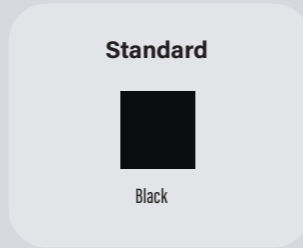
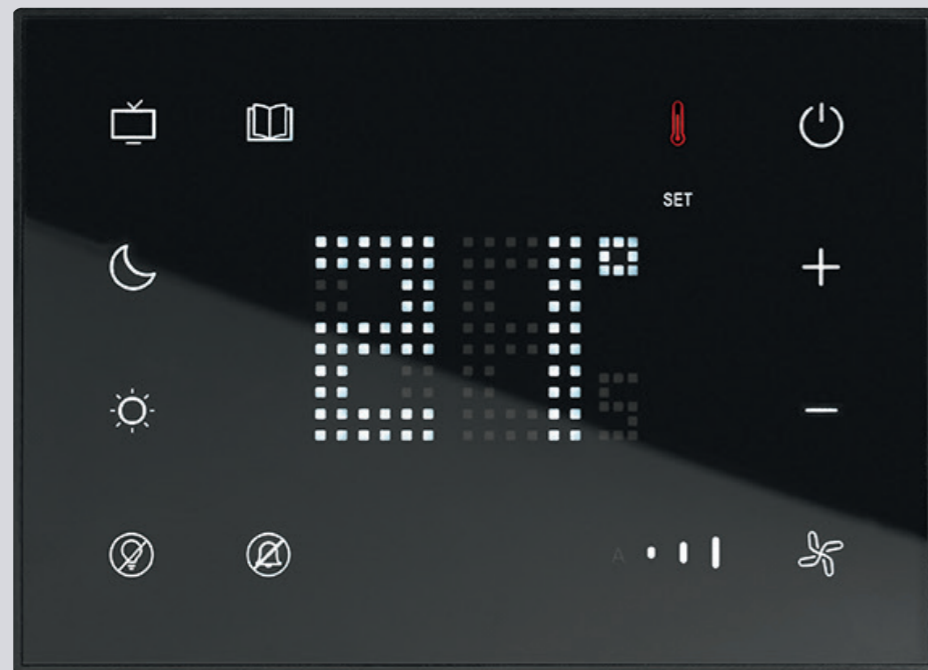


P42 E4

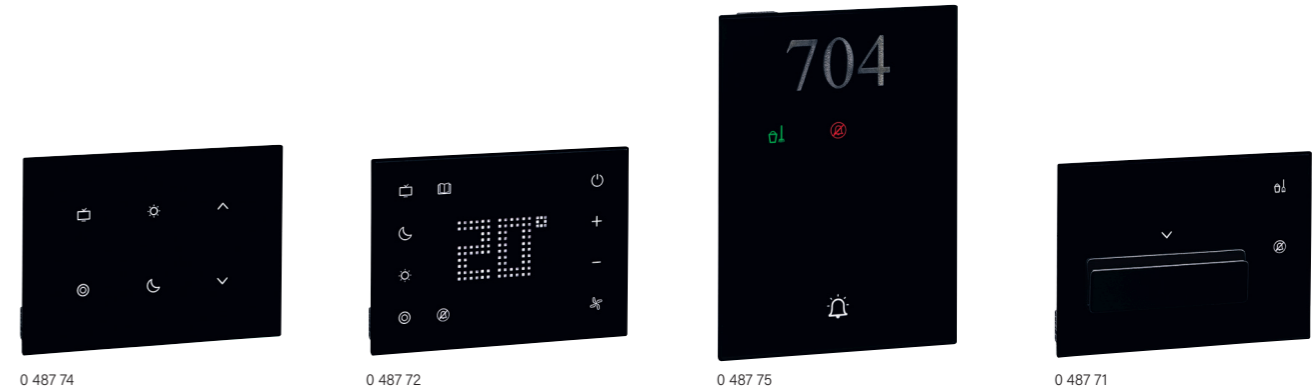
RCU Control Panel

UX FOR UPSCALE HOTELS

A brand new set of dedicated room controllers. Complete, user-friendly, customizable controllers along with touch technology make these products the most innovative solution for hotel room management.



UX Touch



Touch devices for an intuitive and easy use of different rooms functions
 These devices have to be associated with room controllers IP/Bacnet Cat.No 0 484 08/12
 Possibility to customize touch control using configurator on Legrand website: icon, color, hotel logo, mounting support, etc
 Connection to a 27 V BUS power

Items	Scenario Controllers	Movement Detector
0 487 77	<p>To be equipped with support frame Cat.No 0 487 79</p> <p>2-Scene And Do Not Disturb - Make Up Room Activation 4 gang touch plate wake up, sleep, DO NOT DISTURB - MAKE UP ROOM</p> <p>● Black</p>	<p>0 487 78</p> <p>PIR sensor for virtual key-card function To be installed in false ceiling Ø20 mm It detects guest presence and activates room functions</p>
0 487 74	<p>6-Scene Activation 6 gang touch plate wake up, sleep, TV, Master OFF, Open/close curtains</p> <p>● Black</p>	<p>Keycard Switches Bus/Scs Do Not Disturb - Make Up Room activation 2 modules To be equipped with support frame Cat.No 0 487 79</p> <p>Keycard Holder Only works with ISO 13.56 MHz badges</p> <p>● Black</p>
0 487 72	<p>Bedside Panel BUS/SCS Temperature control, DO NOT DISTURB activation and 5 scenes controls (Master OFF, wake up, sleep, TV, reading) To be equipped with support frame Cat.No 0 487 79</p> <p>● Black</p>	<p>Accessories</p> <p>Support Frame For flush-mounting in 2 and 3 modules flush-mounting boxes</p>
0 487 73	<p>Display Thermostat</p> <p>● Black Features a temperature and humidity probe and an input for connecting a contact line (i.e. window contact) Can be used to manage different types of systems, and to adjust the fan speed when fan coils are used Possibility of automatic operation (summer/winter), with compatible systems To be equipped with support frame Cat.No 0 487 79</p>	<p>0 487 79</p> <p>Flat Mounting Accessory For extra-slim flush-mounting installation (i.e. furniture) Replace use of support frame Cat.No 0 487 79</p> <p>0 489 91</p> <p>Frame for flat mounting accessory ● Black</p> <p>0 489 92</p> <p>Frame for flat mounting accessory ○ White</p> <p>0 489 84</p> <p>Frame for flat mounting accessory Custom</p>
0 487 75	<p>Control Indicators For Room Management To be equipped with support frame Cat.No 0 487 79</p> <p>DO NOT DISTURB - MAKE UP ROOM external indicator and bell push-button</p> <p>● Black</p>	

RCU Control Panel

K9R RCU Control Panel

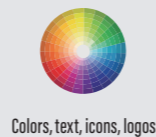
- Plate material: Plastic/ Metal.
- Surface finishing: Plastic-painting / Aluminum anodizing.
- Communication mode: RS485 / 12V dry contact.
- Two colors (white & orange) LED backlight for RS485 with proximity sensing.
- Single color (orange) LED backlight for 12V dry contact switches.
- Large push button rocker.
- Multi-gang installation up to 4-gang, vertically or horizontally.



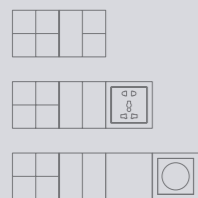
Standard



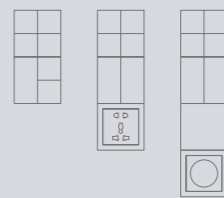
Customization



Horizontal multi-gang installation



Vertical multi-gang installation



K9R RCU Control Panel



K9R/31RS-J2-E

K9R/32RS-J2-E

K9R/31RS-J2-E

K9R/WKQ/12V-J2-E

K9R/WKQ/X/12V-J2-E

Available under RS485 and 12V Dry Contact technologies
 RCU Compatibility: - 12V dry contact switches: LA, LS/M, LS and BACnet RCU
 - RS485 switches: LA, LS, LS/M RCU
 Material and Color Availability: Champagne Plastic, Brushed Black Metal

Items	RS485 Switch
	RS485 communication with proximity sensing
	1 Gang Switch
K9R/31RS-C2-E	Champagne
K9R/31RS-J2-E	Brushed black
	2 Gang Switch
K9R/32RS-C2-E	Champagne
K9R/32RS-J2-E	Brushed black
	3 Gang Switch
K9R/33RS-C2-E	Champagne
K9R/33RS-J2-E	Brushed black
	4 Gang Switch
K9R/34RS-C2-E	Champagne
K9R/34RS-J2-E	Brushed black

Items	RS485 Thermostat
	RS485 communication with proximity sensing
	Thermostat
K9R/WKQ/12V-C2-E	Champagne
K9R/WKQ/12V-J2-E	Brushed black
	Knob-type Thermostat
K9R/WKQ/X-C2-E	Champagne
K9R/WKQ/X-J2-E	Brushed black
	Three-in-one Knob Type Thermostat
K9R/3WKQ/X-C2-E	Champagne
K9R/3WKQ/X-J2-E	Brushed black

K9R RCU Control Panel



K9R/31/1/2BN-C2-E K9R/32/1/2CN-C2-E K9R/33/1/2AN-C2-E K9R/34/1/2DN-C2-E K9R/32KTY/RF-C2-E

Available under RS485 and 12V Dry Contact technologies
 RCU Compatibility: - 12V dry contact switches: LA, LS/M, LS and BACnet RCU
 - RS485 switches: LA, LS, LS/M RCU
 Material and Color Availability: Champagne Plastic, Brushed Black Metal

Items	Dry Contact Switch
	Dry contact type without proximity sensing
	1 Gang 12V Dry Contact Switch
K9R/31/1/2BN-C2-E	Champagne
K9R/31/1/2BN-J2-E	Brushed black
	2 Gang 12V Dry Contact Switch
K9R/32/1/2CN-C2-E	Champagne
K9R/32/1/2CN-J2-E	Brushed black
	3 Gang 12V Dry Contact Switch
K9R/33/1/2AN-C2-E	Champagne
K9R/33/1/2AN-J2-E	Brushed black
	4 Gang 12V Dry Contact Switch
K9R/34/1/2DN-C2-E	Champagne
K9R/34/1/2DN-J2-E	Brushed black
	Key-card Switch
	Key-card 12V Dry Contact Switch (RJ45)
K9R/32KTY-C2-E	Champagne
K9R/32KTY-J2-E	Brushed black
	Key-card RS485 Switch
K9R/32KT/RFS-C2-E	Champagne
K9R/32KT/RFS-J2-E	Brushed black
	External Indicator
	RS485 DND/MUR-Bell Button
K9R/H251/RS-C2-E	Champagne
K9R/H251/RS-J2-E	Brushed black

K9R RCU Control Panel



K9R/426/USU-J2-E K9R/426/UAC-JC-E K9R/32BJ/12V-J2-E K9R/T01/TV-J2-E K9R/727-J2-E

Available under RS485 and 12V Dry Contact technologies
 RCU Compatibility: - 12V dry contact switches: LA, LS/M, LS and BACnet RCU
 - RS485 switches: LA, LS, LS/M RCU
 Material and Color Availability: Champagne Plastic, Brushed Black Metal

Items	Additional products
	Dry Contact Type SOS Switch
K9R/32BJ/12V-C2-E	Champagne
K9R/32BJ/12V-J2-E	Brushed black
	RJ 11 Socket
K9R/T01-C2-E	Champagne
K9R/T01-J2-E	Brushed black
	RJ 45 Cat 6 Socket
K9R/C01-C2-E	Champagne
K9R/C01-J2-E	Brushed black
	TV Female Terminal Socket
K9R/31TV75-C2-E	Champagne
K9R/31TV75-J2-E	Brushed black
	RJ 45 Cat 6 Double Socket
K9R/C01/2-C2-E	Champagne
K9R/C01/2-J2-E	Brushed black
	RJ11+ RJ45 Cat 6 Socket
K9R/T01/C01-C2-E	Champagne
K9R/T01/C01-J2-E	Brushed black

Items	Additional products
	TV + RJ11 Socket
K9R/T01/TV-C2-E	Champagne
K9R/T01/TV-J2-E	Brushed black
	TV + RJ45 Cat 6 Socket
K9R/C01/TV-C2-E	Champagne
K9R/C01/TV-J2-E	Brushed black
	Shaver Socket
K9R/727-C2-E	Champagne
K9R/727-J2-E	Brushed black
	Accessories
	Flush-mounting boxes (for K9R, E5/E6, E4 & Z9R)
T368	86mm Metal flush mounting box for masonry (Pack: 80 pcs)
	86mm Plastic flush mounting box for masonry (Pack: 140 pcs)
K95130	White
K95130B	Blue
K95130R	Red
	Screws
LDM450-50	M4 Standard mounting screws Length: 50mm (Pack: 25pcs - 25 pairs per box)

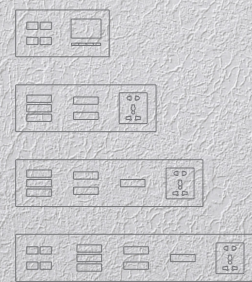
RCU Control Panel

E6 RCU Control Panel

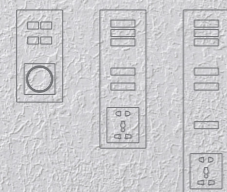
- Plate material: Metal.
- Surface finishing: Aluminum anodizing.
- Communication mode: RS485 / 12V dry contact.
- Two colors (white & orange) LED backlight for RS485 with proximity sensing.
- Single color (orange) LED backlight for 12V dry contact switches.
- Push button.
- Multi-gang installation with frame-less plate vertically or horizontally, up to 5-gang horizontally, up to 4-gang vertically.



Horizontal multi-gang installation



Vertical multi-gang installation



Standard

Metal



Brushed black

Customization



Colors, text, icons, logos

E6 RCU Control Panel



E6/31RS-J2-E



E6/32RS-J2-E



E6/33RS-J2-E



E6/34RS-J2-E

Available under RS485 and 12V Dry Contact technologies
 RCU Compatibility: - 12V dry contact switches: LA, LS/M, LS and BACnet RCU
 - RS485 switches: LA, LS, LS/M RCU
 Material and Color Availability: Brushed Black Metal

Items	RS485 Switch
E6/31RS-J2-E	RS485 communication with proximity sensing Material Metal 1 Gang RS485 Switch ● Brushed black
E6/32RS-J2-E	2 Gang RS485 Switch ● Brushed black
E6/33RS-J2-E	3 Gang RS485 Switch ● Brushed black
E6/34RS-J2-E	4 Gang RS485 Switch ● Brushed black

Items	Dry contact switch
E6/31BN/12V-J2-E	Dry contact type without proximity sensing Material Metal 1 Gang 12V Dry Contact Switch ● Brushed black
E6/32CN/12V-J2-E	2 Gang 12V Dry Contact Switch ● Brushed black
E6/33AN/12V-J2-E	3 gang 12V Dry contact switch ● Brushed black
E6/34DN/12V-J2-E	4 Gang 12V Dry Contact Switch ● Brushed black

RCU Control Panel

E5 RCU Control Panel

- Plate material: Metal.
- Surface finishing: Aluminum anodizing.
- Communication mode: RS485 / 12V dry contact.
- Two colors (white & orange) LED backlight for RS485 with proximity sensing.
- Single color (orange) LED backlight for 12V dry contact switches.
- Push button.
- Multi-gang installation with frame-less plate vertically or horizontally, up to 5-gang horizontally, up to 4-gang vertically.



Horizontal multi-gang installation



Vertical multi-gang installation



Standard

Metal



Brushed black

Customization



Colors, text, icons, logos

E5 RCU Control Panel



E5/31RS-J2-E



E5/32RS-J2-E











E5/33RS-J2-E



E5/34RS-J2-E

Available under RS485 and 12V Dry Contact technologies
 RCU Compatibility: - 12V dry contact switches: LA, LS/M, LS and BACnet RCU
 - RS485 switches: LA, LS, LS/M RCU
 Material and Color Availability: Brushed Black Metal

Items	RS485 Switch
	RS485 communication with proximity sensing
E5/31RS-J2-E	1 Gang RS485 Switch  ● Brushed black
E5/32RS-J2-E	2 Gang RS485 Switch  ● Brushed black
E5/33RS-J2-E	3 Gang RS485 Switch  ● Brushed black
E5/34RS-J2-E	4 Gang RS485 Switch  ● Brushed black

Items	Dry Contact Switch
	Dry contact type without proximity sensing
E5/31BN/12V-J2-E	1 Gang 12V Dry Contact Switch  ● Brushed black
E5/32CN/12V-J2-E	2 Gang 12V Dry Contact Switch  ● Brushed black
E5/33AN/12V-J2-E	3 gang 12V dry contact switch  ● Brushed black
E5/34DN/12V-J2-E	4 Gang 12V Dry Contact Switch  ● Brushed black

RCU Control Panel

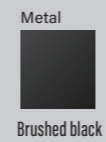
E5/E6 RCU Control Panel

E5 and E6 ranges are sharing the same sockets and thermostats

- Plate material: Metal.
- Surface finishing: Aluminum anodizing.
- Communication mode: RS485 / 12V dry contact.
- Two colors (white & orange) LED backlight for RS485 with proximity sensing.
- Single color (orange) LED backlight for 12V dry contact switches.
- Push button.
- Multi-gang installation with frame-less plate vertically or horizontally, up to 5-gang horizontally, up to 4-gang vertically.



Standard



Customization



Horizontal multi-gang installation



Vertical multi-gang installation



E5/E6 RCU Control Panel



E5/32KTY/12V-J2-E

E5/WKQ/12V/5-J2-E

E5/WKQ/X/12V-J2-E

E5/727-J2-E

E5/426/10USU-JC-E

Available under RS485 and 12V Dry Contact technologies
 RCU Compatibility: - 12V dry contact switches: LA, LS/M, LS and BACnet RCU
 - RS485 switches: LA, LS, LS/M RCU
 Material and Color Availability: Brushed Black Metal

Items	Key-card Switch	Additional products
E5/32KTY/12V-J2-E	Key-card 12V Dry Contact Switch ● Brushed black	RJ 11 Socket E5/T01-J2-E ● Brushed black
E5/32KTY/RS-J2-E	Key-card RS485 Switch ● Brushed black	RJ 45 Cat 6 Socket E5/C01-J2-E ● Brushed black
E5/WKQ/12V/4-J2-E	Thermostat 4-key RS485 Square ● Brushed black	TV Female Terminal Socket E5/31VTV75-J2-E ● Brushed black
E5/WKQ/12V/5-J2-E	Thermostat 5-key RS485 Square ● Brushed black	Volume Adjustment Switch E5/M5-J2-E ● Brushed black
E5/WKQ/12V/R4-J2-E	Thermostat 4-key RS485 Round ● Brushed black	Shaver Socket E5/727-J2-E ● Brushed black
E5/WKQ/12V/R5-J2-E	Thermostat 5-key RS485 Round ● Brushed black	16A 5P Unswitched Multistandard Socket E5/426/10USU-JC-E ● Brushed black
E5/WKQ/X/12V-J2-E	Thermostat Knob Type RS485 ● Brushed black	16A 1 Gang Unswitched Multistandard Socket With 2 USB (A+C) 2.1A 5V E5/426/S/UAC-JC-E ● Brushed black
E5/3WKQ/X/12V-J2-E	Thermostat Three-in-one Knob Type RS485 ● Brushed black	16A 1 Gang Unswitched Multistandard Socket With 1 USB A Charger 2.1A 5V E5/426/S/U1-JC-E ● Brushed black
E5/T01/C01-J2-E	RJ11+ RJ45 Cat 6 Socket ● Brushed black	HDMI+USB Data Socket E5/HDMI/USB-J2-E ● Brushed black
		SOS 12V Dry Contact Switch E5/32BJ/12V-J2-E ● Brushed black

RCU Control Panel

E4 RCU Control Panel

- Surface finishing: Plastic-painting / Aluminum anodizing.
- Communication mode: RS485 / 12V dry contact.
- Two colors (white & orange) LED backlight for RS485.
- Single color (orange) LED backlight for 12V dry contact switches.
- Large push button rocker.
- Multi-gang installation up to 4-gang, horizontally only.



Standard

Metal	Plastic
Brushed black	Silver black

Customization

Colors, text, icons, logos

Horizontal multi-gang installation only



E4 RCU Control Panel



E4/31BN/12V-J2-E E4/32CN/4K/12V-J2-E E4/33AN/12V-J2-E E4/32KTY/12V-C1-E E4/33RS/6K-C1-E

Available under RS485 and 12V Dry Contact technologies
 RCU Compatibility: - 12V dry contact switches: LA, LS/M, LS and BACnet RCU
 - RS485 switches: LA, LS, LS/M RCU
 Material and Color Availability: - 12V dry contact switches: Brushed Black Metal & Silver Black Plastic
 - RS485 switches: Silver Black Plastic

Items	Dry Contact Switch (Metal)	RS485 Switch (Plastic)	Dry Contact Switch (Plastic)
	Dry contact type without proximity sensing	RS485 communication without proximity sensing	Dry contact type without proximity sensing
	1 Gang 12v Dry Contact Switch	1 Gang RS485 Switch	1 Gang 12v Dry Contact Switch
E4/31BN/12V-J2-E	● Brushed black	E4/31RS-C1-E ● Silver black	E4/31BN/12V-C1-E ● Silver black
	1 Gang 2-Key 12v Dry Contact Switch	1 Gang 2-key RS485 Switch	1 Gang 2-Key 12v Dry Contact Switch
E4/31BN/2K-J2-E	● Brushed black	E4/31RS/2K-C1-E ● Silver black	E4/31BN/2K-C1-E ● Silver black
	2 Gang 12v Dry Contact Switch	2 Gang RS485 Switch	2 Gang 12v Dry Contact Switch
E4/32CN/12V-J2-E	● Brushed black	E4/32RS-C1-E ● Silver black	E4/32CN/12V-C1-E ● Silver black
	2 Gang 4-Key 12v Dry Contact Switch	2 Gang 4-key RS485 Switch	2 Gang 4-Key 12v Dry Contact Switch
E4/32CN/4K-J2-E	● Brushed black	E4/32RS/4K-C1-E ● Silver black	E4/32CN/4K-C1-E ● Silver black
	3 Gang 12v Dry Contact Switch	3 Gang RS485 Switch	3 Gang 12v Dry Contact Switch
E4/33AN/12V-J2-E	● Brushed black	E4/33RS-C1-E ● Silver black	E4/33AN/12V-C1-E ● Silver black
	3 Gang 6-Key 12v Dry Contact Switch	3 Gang 6-key RS485 Switch	3 Gang 6-Key 12v Dry Contact Switch
E4/33AN/6K-J2-E	● Brushed black	E4/33RS/6K-C1-E ● Silver black	E4/33AN/6K-C1-E ● Silver black
	Key-card Switch (Plastic)		
	Key-Card 12v Dry Contact Switch		
E4/32KTY/12V-C1-E	● Silver black		
	Key-Card Rs485 Switch		
E4/32KTY/RS-C1-E	● Silver black		

RCU Control Panel



Standard

Metal Plastic

Brushed black Silver black

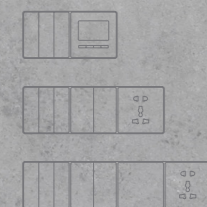
Customization

Colors, text, icons, logos

E4 RCU Control Panel

- Surface finishing: Plastic-painting / Aluminum anodizing.
- Communication mode: RS485 / 12V dry contact.
- Two colors (white & orange) LED backlight for RS485.
- Single color (orange) LED backlight for 12V dry contact switches.
- Push button.
- Multi-gang installation up to 4-gang, horizontally only.

Horizontal multi-gang installation only



E4 RCU Control Panel



E4/WKQ/12V-C1-E E4/WKQ/X/12V-C1-E E4/727-C1-E E4/426/S/UAC-PH-E E4/32BJ/12V-C1-E

Available under RS485 and 12V Dry Contact technologies
 RCU Compatibility: - 12V dry contact switches: LA, LS/M, LS and BACnet RCU
 - RS485 switches: LA, LS, LS/M RCU
 Material and Color Availability: - 12V dry contact switches: Brushed Black Metal & Silver Black Plastic
 - RS485 switches: Silver Black Plastic

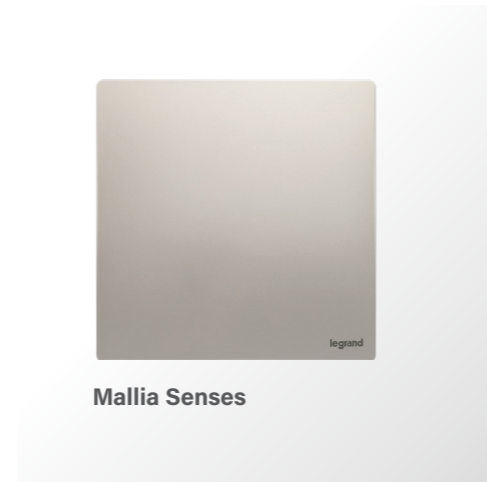
Items	Additional products(Plastic)	Items	Additional products(Plastic)
E4/WKQ/12V-C1-E	Thermostat RS485 Square ● Silver black	E4/31VTV75-C1-E	TV Female Terminal Socket ● Silver black
E4/RWKQ/12V-C1-E	Thermostat RS485 Round ● Silver black	E4/M5-C1-E	Volume Adjustment Switch ● Silver black
E4/WKQ/X/12V-C1-E	Thermostat Knob type RS485 ● Silver black	E4/727-C1-E	Shaver Socket ● Silver black
E4/3WKQ/X-C1-E	Thermostat Three-in-one Knob type RS485 ● Silver black	E4/426/10USU-PH-E	16A 5P Unswitched Multistandard Socket ● Silver black
E4/T01/C01-C1-E	RJ11+ RJ45 Cat 6 Socket ● Silver black	E4/426/S/UAC-PH-E	16A 1 Gang Unswitched Multistandard Socket with 2 USB(A+C) Chargers 2.1A 5V ● Silver black
E4/T01-C1-E	RJ 11 Socket ● Silver black	E4/32BJ/12V-C1-E	SOS 12V Dry Contact Switch ● Silver black
E4/C01-C1-E	RJ 45 Cat 6 Socket ● Silver black	E4/HDMI/USB-C1-E	HDMI+USB Data Socket ● Silver black
E4/H251/12V-C1-E	DND/MUR Indicator and Bell Button 12V ● Silver black		

Conventional
Mechanical Push
Buttons

Compatible with LA, LS/M, LS
and Bacnet RCU



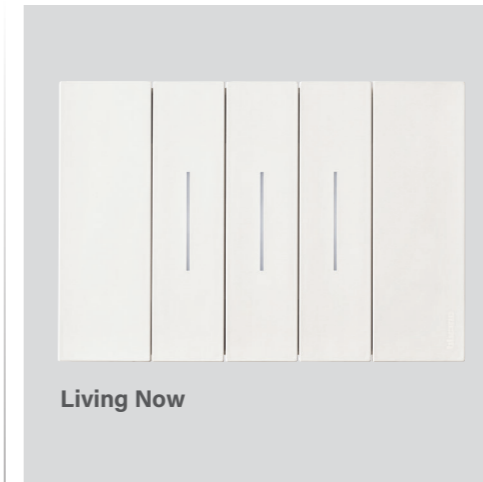
Galion



Mallia Senses



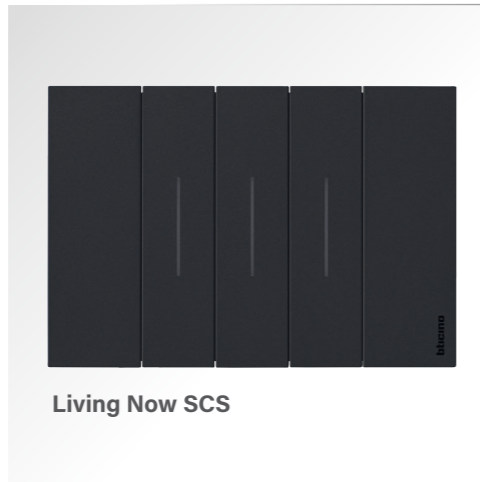
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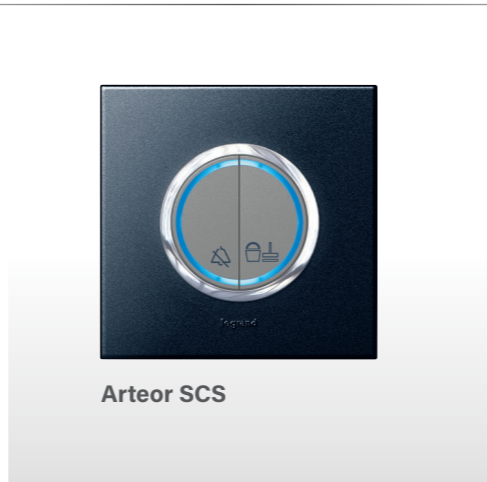
Living Now

BUS
Wiring Devices

Compatible with Bacnet RCU



Living Now SCS

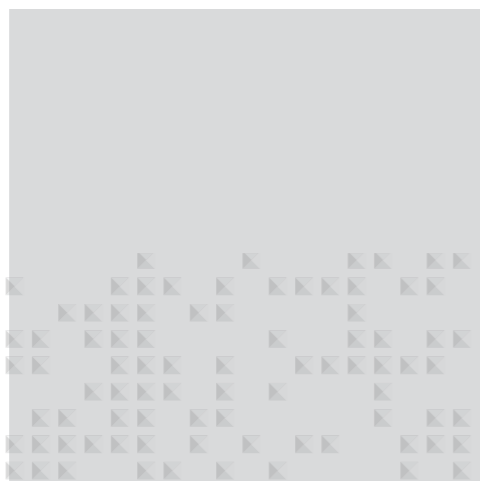


Arteur SCS



Wireless
Wiring Devices

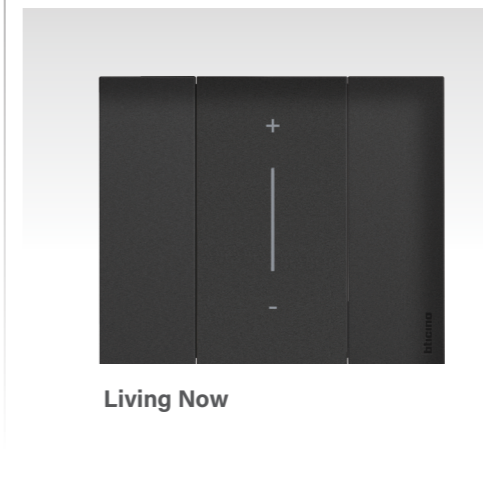
Compatible with Ux One RCU



Mallia Senses



Arteur



Living Now



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