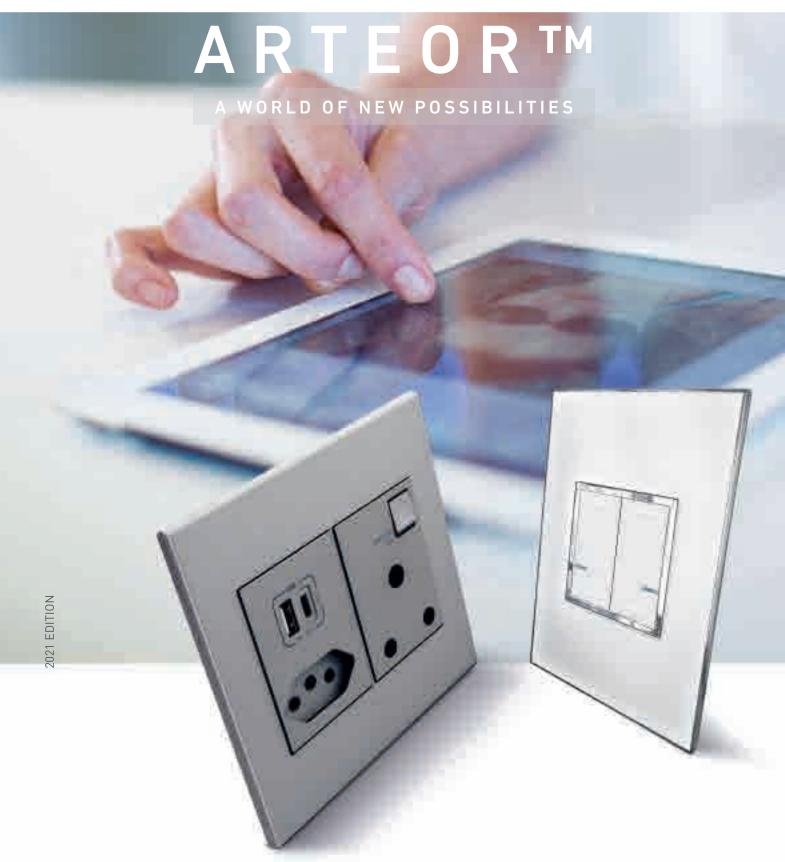
# GET IN TOUCH WITH









ARTEOR™ IS PART OF IT

Digitalisation and networks are changing everything: how we live, communicate, work and shape our environment. Homes, offices, hotels and public buildings are becoming smarter all the time and ever more amenable to what their occupants want.

Arteor exploits these new opportunities and is also easy to install, configure and use. With its new functions, innovative operating concepts and updated design, Arteor provides universal solutions to the problems encountered by dealers, retailers, installers, systems integrators and planning specialists all over the world – as well as the expectations of their clients.



# CONTENTS

2-5 GENERAL FEATURES		WORLD IN PROGRESS  ARTEOR™ IS TRULY INTERNATIONAL	02 04
6-10 NEW FINISHES	10	NEW NEUTRAL FINISHES A WIDER CHOICE OF METALS ARTEOR™ ON TREND	06 08 10
11-17 NEW ARTEOR™ FUNCTIONS		USB CHARGERS FOR THE HOME WIRELESS CHARGERS LIGHTING SOLUTIONS	11 14 16
18-35 ARTEOR™ WITH NETATMO		THE SMART, RADIO BASED SOLUTION FOR THE CONNECTED HOME. SIMPLE - OPEN - ADAPTABLE	18
36-51 ARTEOR™ MYHOME_UP	i	THE COMPLETE BUS BASED SYSTEM FOR TOTAL HOME CONTROL	36
52-53 ELIOT PROGRAM		OPEN TO INTEROPERABILITY	52
54-57 UX FOR UPSCALE HOTELS	Tines-	A NEW SET OF DEDICATED ROOM CONTROLLERS FOR PREMIUM LEVEL ESTABLISHMENTS	54
58 -125 CATALOGUE PAGES		ARTEOR WIRING DEVICES, ARTEOR WITH NETATMO, MYHOME_UP, HOTEL SOLUTIONS	58















# TIMELESS HARMONY

NEW NEUTRAL FINISHES









CHAMPAGNE

## **NEW COMBINATIONS**

Arteor meets customisation requirements by offering more ways to combine colours. But the more technology shapes our lives, the more we want it to blend in discreetly with our individual environments. This is why clean lines and a pared-down look define the design philosophy of the range.



DARK BRONZE



SOFT ALU

## **NEUTRAL FULL COLOUR**

This neutral and minimalist collection leaves plenty of room for contemporary design concepts. An extended colour range with new plate and mechanism colours gives designers even greater freedom.



WHITE



**MAGNESIUM** 



**GRAPHITE** 

# STRONG IMPACT

A WIDER CHOICE OF METALS





## **REFLECTIVE METAL**

A new collection made of metal finishes provides a suitably brilliant solution for more demanding projects. Elegantly discreet despite their mirror finish, these switches blend seamlessly into their environment. Available in gold and other colours, they give a definite nod to the technology involved.

Opposite Page - Reflective Metal Black







GOLD



PINK CHAMPAGNE



STAINLESS STEEL



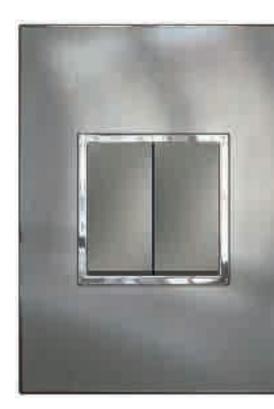
BLACK

**BRUSHED METAL** 

Two further colours have been added to this relatively neutral but prestigious collection of brushed metal finishes. "Pink Champagne" (a warm, reddish brown) and "Black" offer designers a wider choice for high-end applications.



**GOLD BRASS** 



# OUT OF THE BOX

ARTEOR™ ON TREND



GREY OAK









#### **USB CHARGER**

These modular charging sockets with a C-Type USB charging port comply with IEC 62684-2011-1. Aesthetically pleasant, they can be used to charge any mobile device, both at work and at home.

## **USB A-TYPE AND C-TYPE CONNECTIVITY**

More and more mobile devices are equipped with the new C-Type USB. With Arteor, you are ready for this development today: the new Arteor monoblocs are equipped with two different USB charging ports, A-Type and C-Type 3 A - 5 V = -15 W.



MODULAR USB A-TYPE + C-TYPE CHARGER 5V= -3 A - 15W



MODULAR DOUBLE C-TYPE USB CHARGER 5V= - 3A - 15 W





# QI WIRELESS CHARGER FOR INTEGRATION INTO FURNITURE

The QI wireless charger comes with an extra-slim design for integration into furniture, e.g. in meeting rooms, offices or public spaces. Also suitable for kitchen worktops at home. Supplied with external 110 – 240 V universal power supply. Plugs comply with European, BS, US and Australian/Chinese standards.



# **FOR PUBLIC AREAS**

IK 08 – IP 66, impact-resistant and weatherproof design, specifically created for public areas such as restaurants, waiting rooms, libraries, passageways or transit areas, and even swimming pools.



legrand





Wireless Power Consortium: 750 members, ensuring interoperability with induction-compatible phones. QI: global standard adopted by vehicle manufacturers/cafés/restaurants/hotels



Legrand is member of the Wireless Power Consortium. Legrand wireless chargers are conform to the QI WPC standard.

# THE RIGHT M 0 0 D

# ARTEOR™ LIGHTING SOLUTIONS

Light creates atmosphere, emphasizes room features and helps overcome emergencies. Arteor solutions provide bright prospects for developers and decorators who want to make a very deliberate use of lighting in their projects.





# UNIVERSAL PUSH-BUTTON DIMMER FOR ALL TYPES OF LAMPS

With the Universal dimmer for all modern loads including dimmable CFLs and LEDs Arteor makes it easy to create individual lighting moods.

#### Convenient to use:

33% and 66% luminance are preset, and there is a level memory function too. The night light function with its slow dimming feature is a practical solution for bedrooms or children's rooms.

#### Easy installation:

Two cables are enough as a neutral wire is not required

- ideal for renovations or installation work carried out at a later time.













#### READING LIGHT AND REMOVABLE TORCH

Having just the right light for every situation is not just handy, but also deeply reassuring. Arteor provides this security through specific solutions that fit harmoniously with the overall design of the installation while bringing users genuine added value.

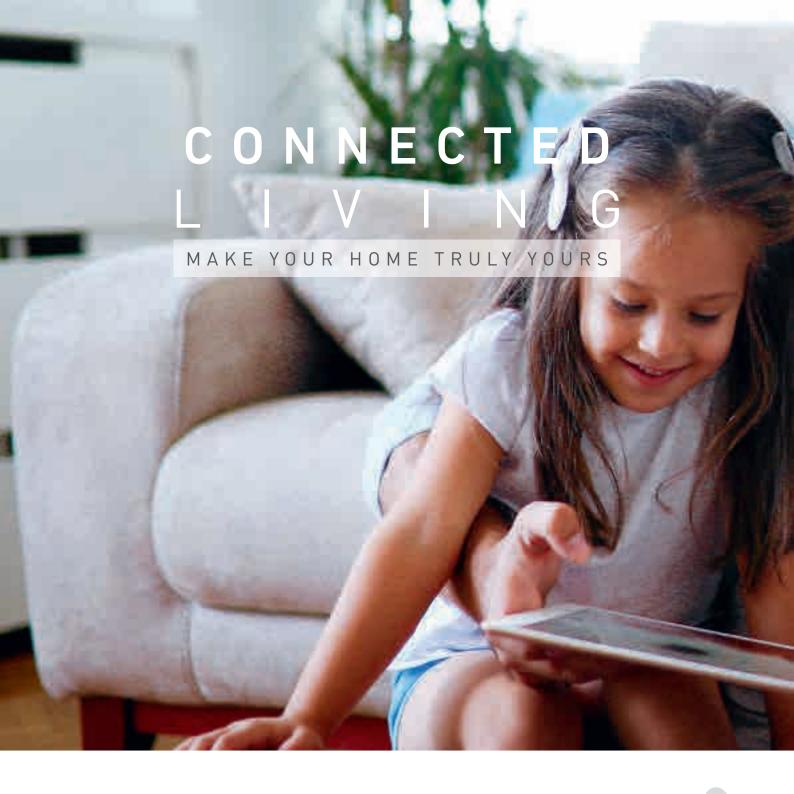






This compact battery lamp is both an emergency light and a torch at once. It comes on automatically in the event of a power cut and can easily be unplugged from its holder for handheld use.





# ARTEOR MINETATMO

Increasing digitalisation and networking are making our lives ever simpler and more convenient, as technology transforms the way we work, communicate, travel and live at home. But greater possibilities also bring greater complexity. This is why Legrand, in developing Arteor with Netatmo, has sought to make networked digital technology as easy as possible, for designers, installers and users of living space.

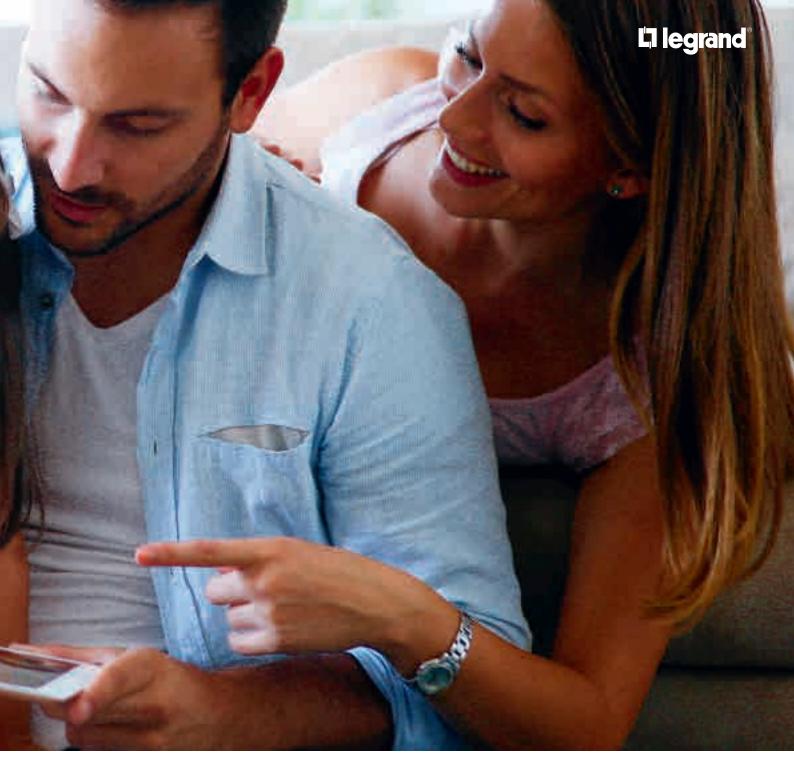
The result is the radio solution "Arteor with Netatmo" which has been developed in collaboration with French industry-leading smart home brand Netatmo. Enhancing individual comfort and security in the connected home, it is really quick and easy to install and it will flexibly and economically adapt to changing habits, aspirations and needs over time.













Arteor with Netatmo is part of Legrand's ELIOT program. This program is dedicated to developing sustainable connected solutions that are easy to use and maintain, accessible for everybody and customisable to the users' needs, desires and habits. To enhance the value of any home and make everyday life just that little bit more comfortable and secure.



# ARTEOR METATMO

## THE SMART RADIO SOLUTION

Arteor with Netatmo is a radio based solution for the connected home. The intelligent products communicate with one another via radio ZigBee (2.4 GHz waveband). This means there is no need for specific or extensive cabling. Also, although the range only contains a few products, these can be used to create lots of individual solutions for a more customised feel at home.

# SIMPLE, ADAPTABLE, OPEN

Arteor with Netatmo has been designed and developed as a simple solution to make every house more individual, convenient and secure. Simple for planners, who are able to integrate many useful functions without having to provide for complicated cabling. Simple for installers, who are able to install the system without a great deal of effort or specialist knowledge. Simple for users, who will find it convenient to operate, easy to extend and are able to make changes at any time.



## APP CONTROL FOR EASE OF USE

All functions in an Arteor with Netatmo installation can also comfortably be controlled on your smartphone or tablet: switching individual lights on or off, controlling roller blinds, curtains and electrical appliances or triggering more complex scenarios - using the app, you have everything under control. And you stay connected with your home, no matter where you are.

# **VOICE CONTROL**

Using voice commands, the installation can be managed without lifting a finger.







## **ALERTS**

If there's a power failure when you're not at home, the app will warn you instantly so you can take action.



## **ENERGY MANAGEMENT**

Whether to check your real-time energy consumption or to do a more long-term, in-depth analysis, the app will help you all the way towards greater energy efficiency.



# "LEAVING HOME" SCENARIO

A single press will turn off the lights and close all the shutters as you leave the home, meaning you save time and gain convenience.



# " WAKE UP" SCENARIO

Have soft light come on and the shutters open for a great start to the day, every day!



#### FEW COMPONENTS - LOTS OF OPTIONS

Wired devices (230 V AC)

The system consists of only a few simple components. The 'Gateway Kit' that needs to be installed to start, connected controls which trigger actions, such as controlling lights, roller blinds and electrical appliances and wireless, battery powered controls. They manage scenarios, create centralised functions and allow remote control of individual functions.

# CONNECTED WIRED PRODUCTS

The wired products are installed in the same way as conventional components and then paired with the wireless switches (which can be positioned anywhere) via the ZigBee 2.4 Ghz waveband. Thanks to the dynamic mesh network, all functions can easily be reconfigured at any time. It is also easy to add extra modules.





#### **WIRELESS CONTROLS**

Wireless light and roller blind switches are used to extend the installation and enable individual, group-based or centralized remote control of lighting and roller blinds. They are adaptable to take into account evolutions of the installation over time.

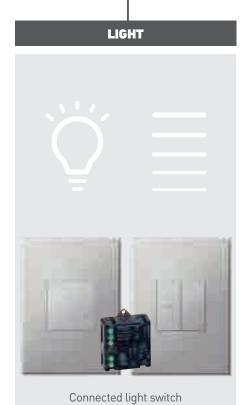
Wireless scenario controls are used to activate pre-programmed, more complex scenarios that enhance comfort when you wake up in the morning or go to bed at night, leave the house or come home.







#### **FUNCTIONS**



with dimmer option, 2 modules

Connected light switches, 2x1 module,

Micromodule switch



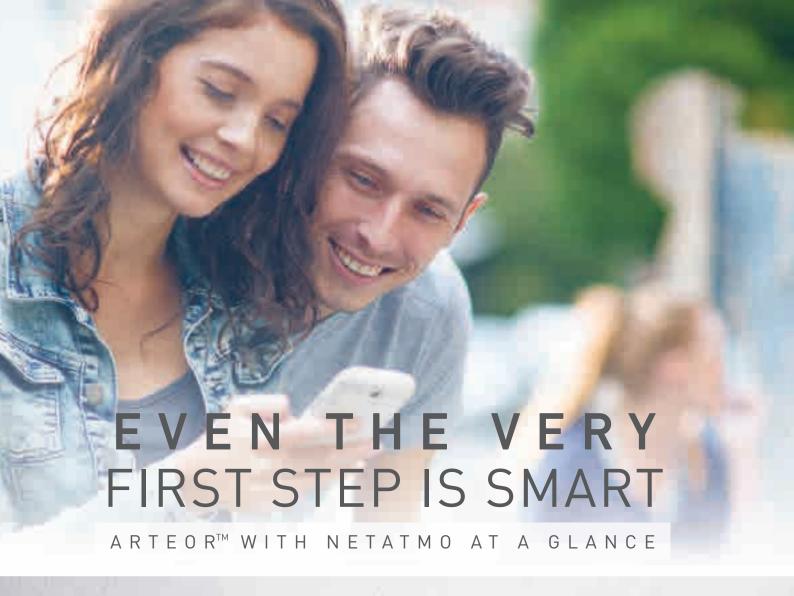






The Home + Control App, which can be used to control the system via smartphone and tablet, is available for devices with Android and iOS. Download it for free from your usual app stores.





Many useful functions can be implemented at home using just a few different devices. To start the connected installation with Arteor with Netatmo, the Gateway kit consisting of the gateway and master switch is essential.







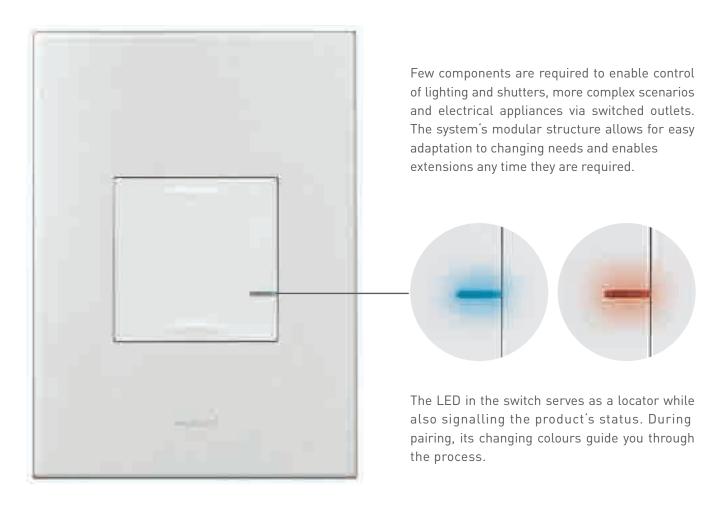
#### **GATEWAY**

Connects the Arteor with Netatmo system to the home Wi-Fi network. The Gateway is necessary in order to use the Home + Control App and thereby enables convenient control of the installation via smartphone, tablet or via voice control.

## **WIRELESS MASTER SWITCH**

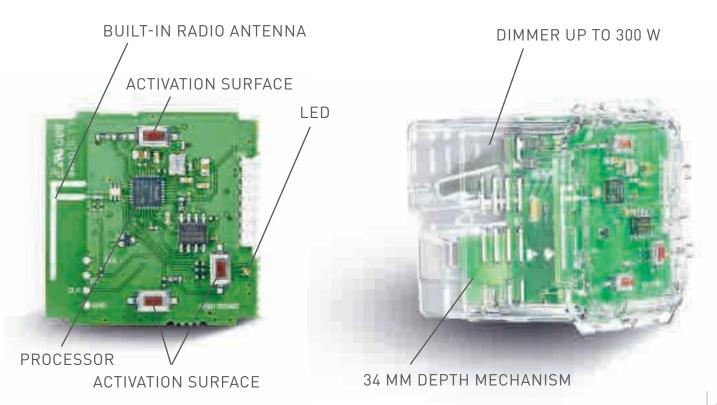
Used to create the ZigBee radio network (2.4 GHz waveband) via which all components within the system communicate with each other. No need for complicated cabling. The Home / Away wireless master switch also allows to launch the preset life scenes "Leave Home" and "Back Home".





## THE CONNECTED SWITCH - 4 IN 1

This compact, smart and versatile product combines 4 functions in one: both a switch and a dimmer, it also has indicator and locator features. All this in a device just 34 mm deep, fitting any standard mounting box.



# AS INDIVIDUAL AS YOU ARE

# FUNCTIONALITY MEETS DESIGN

Arteor with Netatmo doesn't only offer individual responses to all user requirements in terms of functionality. It also adds a touch of style to the overall look and feel of the house. Arteor finishes blend in perfectly to any kind of living environment.



28

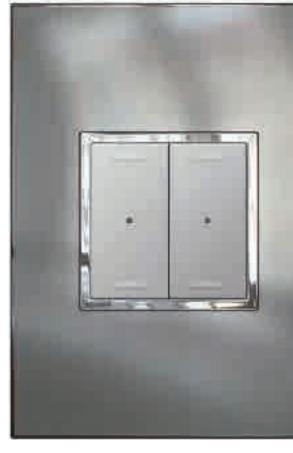
# **La legrand**®



#### **SCENARIOS**

Increase comfort through pre-programmed life scenes, such as Wake up / Sleep or Home / Away.





# **ROLLER BLINDS/ CURTAINS**

For convenient individual or central control of roller blinds. Locally or remotely.









# LIGHT

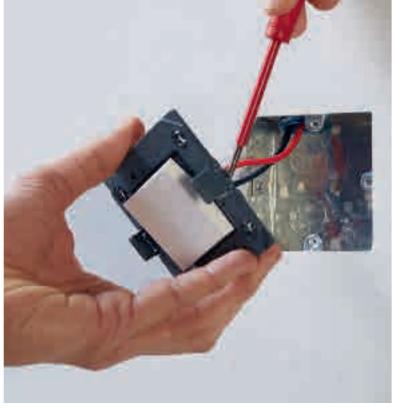
Convenient control of lights with connected wired and wireless switches, with or without dimmer option.

# CONNECTED SOCKET OUTLETS

Allow to remotely control electrical appliances, measure instantaneous consumption, monitor daily or monthly consumption and to be alerted with smart notifications.







# E A S Y INSTALLATION

WHETHER NEW OR RENOVATION

## **5 STEPS TO A CONNECTED HOME**



After installing all wired devices, switch on power and all LEDs will light up in red.

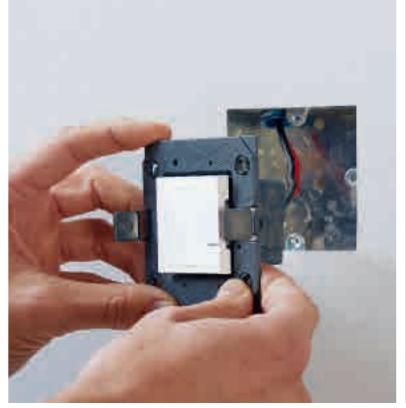
2



Press the master switch at its centre for 5 seconds.

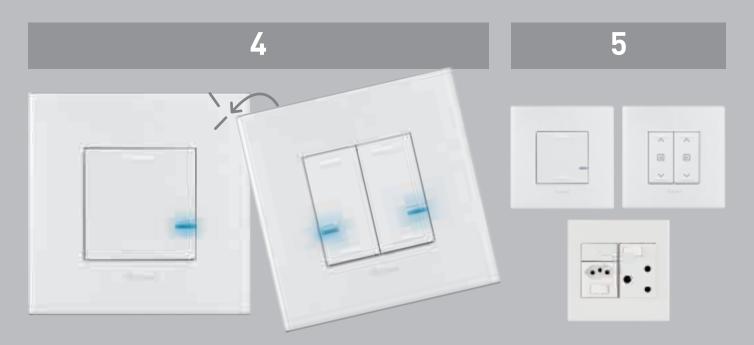


The LEDs now light up in green, showing that your network has been created.





Arteor with Netatmo is a radio solution, requiring no extra wiring as it uses the existing infrastructure. This makes it the ideal choice for upgrading an existing installation into a connected home. But for new building projects, too, it offers definite advantages, as its simple installation cuts effort to a minimum.



To pair them, press on the wireless switch you wish to pair, while tapping it three times onto the wired devices you wish to control. The LED's blue light tells you that the pairing was successful.

After a short press on the master switch, all LEDs turn off.



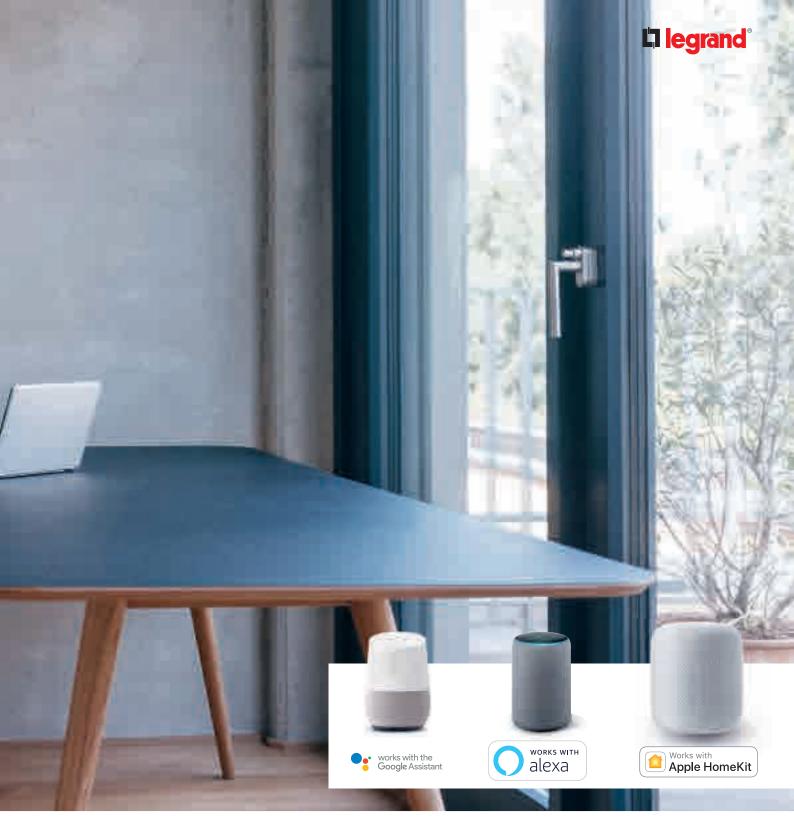
TALK - SWIPE - TOUCH

## **VOICE CONTROL**

As modern home technology becomes increasingly complex, it also gets to be easier to operate. Thus, for instance, Arteor with Netatmo makes it possible to control functions via voice commands. Used in combination with the Google Assistant, Amazon Alexa or Apple Siri, the system obeys the spoken word. Lighting in the home, for example, can be switched on or off with a simple word.

# THE HOME + CONTROL APP FOR SMARTPHONE OR TABLET

The app on the smartphone or tablet opens up new options: monitoring of instantaneous power consumption, remote surveillance of the connected home, and control over various functions when the user is out and about.





# AND OBVIOUSLY LOCAL CONTROL

Of course, all functions can still be used in the traditional way via switches on the wall. If furniture needs to be rearranged or small children need to be able to reach a switch, the wireless switches can be repositioned easily at any time.





**HOME + CONTROL** App

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Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.





The Home + Control App changes everything not only in terms of control of the smart home but also in terms of its configuration. The installer can use the app to conveniently configure the entire system, based on the individual specifications of their customer: the function assigned to each of the components, the way they interact, the scenarios users are able to trigger - all of this can be determined using the highly intuitive app. Moreover, much of this can be input in advance, once the user's wishes have been clarified at the consultation stage. This makes life easier for installers, improves their efficiency and ensures their work is more highly valued.





**HOME + CONTROL** App



# S M A R T H O M E VIA SMARTPHONE

THE HOME + CONTROL APP

The app used by the installer for configuration purposes is also used to control the entire system. The remote control options it provides are particularly useful. The app displays alarm messages if, for instance, the refrigerator is no longer powered or a light remains on when noone is supposed to be at home. This means the user can react accordingly and act from a distance to prevent any greater damage.



Configuration is based on a set of simple steps.



Each room is configured individually.



All functions can be set individually.



Invite each member of your family.



Energy consumption can be queried for individual devices.



Detailed consumption analyses help save energy.



Alarm messages reach the user wherever they may be.



Enables fast responses to faults.

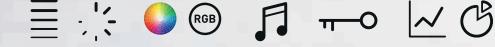


# TS OF SCOPE R GRAND PLANS

FULLY CONNECTED



















# Arteor MyHOME\_Up

With Arteor MyHOME Up, electrical systems can be designed and implemented to suit your individual requirements. Almost anything that building owners and residents want is possible with this tried and tested BUS system: customised scenarios, automation of numerous functions, comprehensive temperature management, playing music in every room, energy consumption monitoring and analysis, or load shedding for selected devices.

This means that the entire domestic installation can be integrated into the system. The home's lighting and roller shutters, heating and air conditioning, music and door entry system create a comfortable, secure and individual living environment, which lives up to the highest standards.

#### YOUR WISH IS OUR COMMAND

A wide range of control options make even complex solutions easy to use. Residents can choose, at any time, whether they want to control the functions via a wall-mounted monitor or by using conventional switches. Other options include modern touch plates or a dedicated smartphone app, and with a voice assistant, your home even obeys your spoken word.







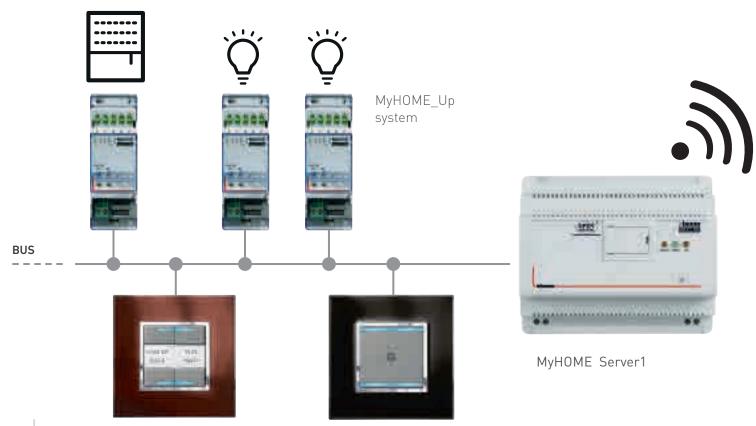


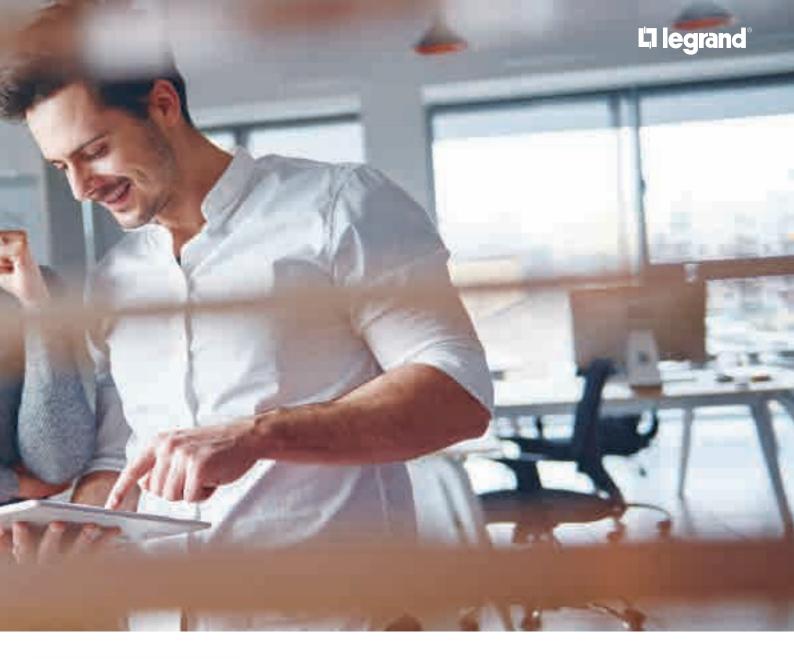


# A SINGLE APP FOR BOTH INSTALLERS AND USERS

The new MyHOME\_Up App for Android and iOS eliminates the concept of configuration usually associated with the BUS system. This new app is used for both to associate the devices easily and to customise and control the functions of the MyHOME\_Up home-automation system. Operation is so easy that minor changes in functionality can now even be made by users themselves – while installers take care of more important tasks.









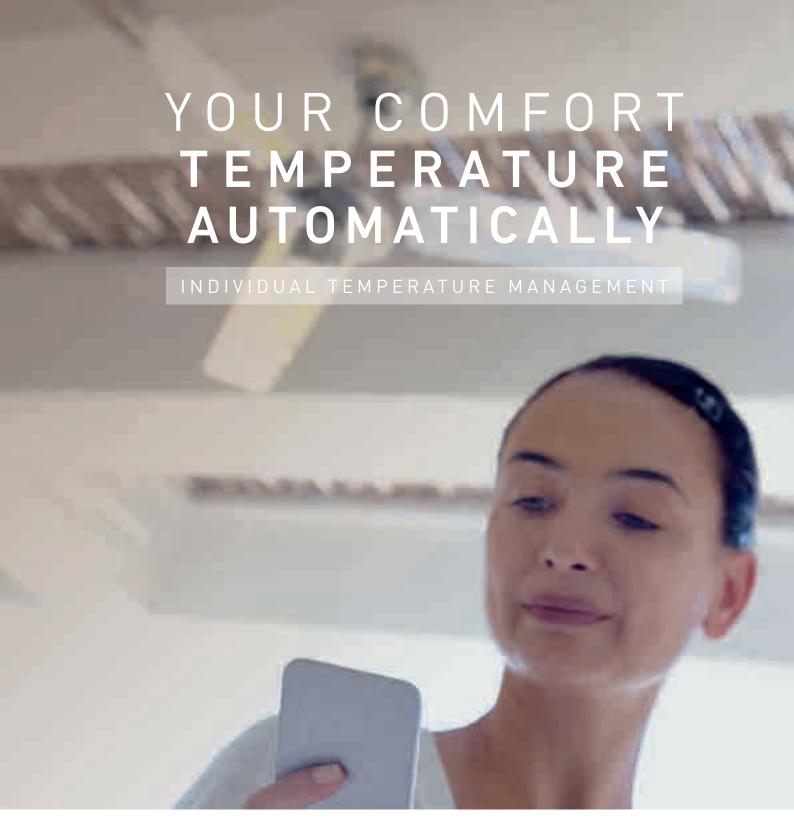
# CREATE A FULLY CONNECTED SYSTEM WITH A FEW, SIMPLE START-UP OPERATIONS

- 1. Wire all the system components and the server to the BUS system.
- 2. Free-download the MyHOME\_Up App on your tablet or smartphone. Once launched, it will connect to the system and make all components ready for setup.
- 3. For an easy installation setup, simply follow the app's instructions.
- 4. Once the installer has terminated the setup, the app can switch to user mode to provide full control over the system.

Download the App







Your smart home automatically adjusts to your personal comfort temperature via Arteor MyHOME\_Up. Heating and air conditioning systems from various renowned manufacturers can be incorporated and, as the system only provides heating or cooling when and where it is needed, it not only increases comfort but also reduces energy consumption.

## **SMART HEATING AND COOLING**

It operates with different scenarios depending on the time of day and the room's use, but also responds to departures from the normal daily routine. This way, for example, the heating is turned down when a window is opened or when you leave your home with your smartphone in your pocket. Of course, the system can also be controlled individually via the HOMETOUCH screen, local control units such as a display thermostat or the MyHOME\_Up App.

# **L**legrand



## COOLING



# **ZONE MANAGEMENT**



# MAXIMUM COMFORT, MINIMUM ENERGY CONSUMPTION

For maximum comfort with minimum energy consumption, the system is precisely adjusted to suit users' needs and habits. For example, certain zones within the home can be defined, which – depending on the time of day and use – should be kept at a constant temperature. The required temperature can also be set for each room individually. The system responds immediately to any changes in these temperatures. If a room heats up as the result of strong sunlight, the heating is immediately turned down to save energy. Everything can also be easily controlled remotely via the app.



# **HEATING**



# **DISPLAY THERMOSTAT**

The required temperature in each room can be set precisely using this control unit. Pre-programmed routines can also be activated and the intensity of ventilation individually adjusted.

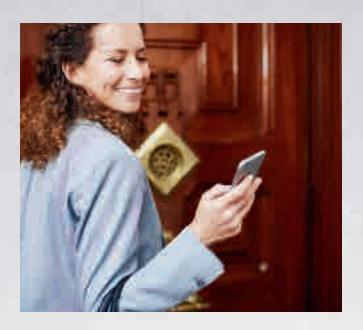




# **SCHEDULED ROUTINES**

At a pre-programmed wake-up time, the kitchen, children's bedrooms and bathroom are already at a comfortable temperature, the roller shutters open and soft music makes it easier to wake up. At night, to help you get to sleep, the "Sleep" scenario is activated: the heating is turned down, the roller shutters close and the lights are dimmed. You can also do this with a simple utterance via voice control!







# **USING GEOLOCATION**

Using geolocation via your smartphone, your home knows when its occupants have left. This is when the "Away" scenario starts: all the lights are turned off, the heating or air conditioning are turned down and the roller shutters close. The system recognises from a distance that you are coming home and welcomes you accordingly.



## **BASED ON EVENTS**

Your home takes care of itself: in strong sunlight, the roller shutters close automatically or your awning is rolled out, to delay the activation of air conditioning. If there is a storm or heavy rain, your awning is rolled in and the roller shutters close, to prevent damage. With the smartphone app, users always have everything under control and can intervene remotely, if necessary.





# C E N T R A L HOME CONTROL

H O M E T O U C H

The MyHOME\_Up offer is enhanced by the new 7" touch screen HOMETOUCH. Without configuration, the device recognises MyHOME\_Up functions installed on the system and makes them immediately available.

HOME STATUS NOTIFICATION

TEMPERATURE CONTROL



CUSTOMIZED FAVOURITES

# ONE TOUCH FOR TOTAL HOME CONTROL

A real all-rounder, this new display can be used to activate and control all the various home functions. The touch display also serves as a video intercom, thus enhancing home security.



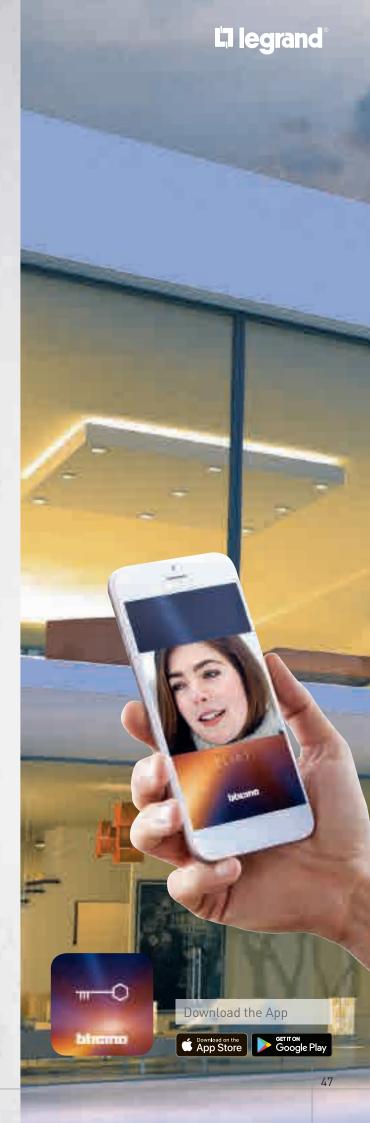
# WHOSS THERE?

When used as a video intercom, the HOMETOUCH ensures all welcome guests are given the reception they deserve. It also shows uninvited visitors on its display, allowing you to decide whether to open the door to them.

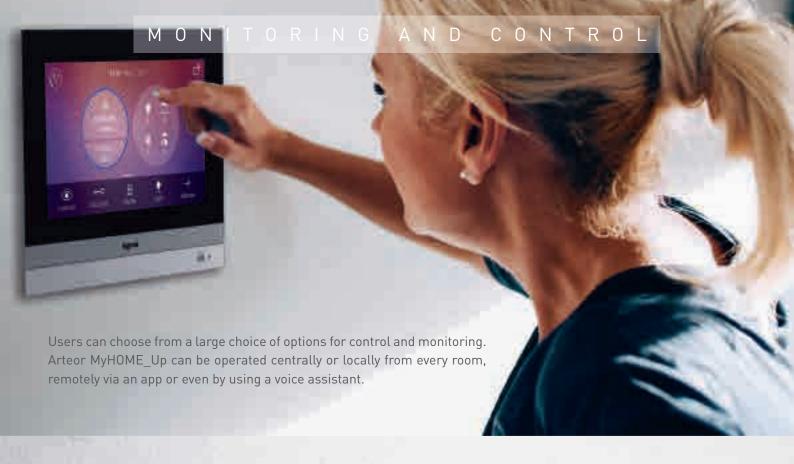


# A DEDICATED APP FOR VIEWING YOUR VISITORS

There is a dedicated app for the video door intercom function, and this offers greater security and convenience. This app shows live images of what is happening at the front door and provides an opportunity to react accordingly from a distance. The user can decide, at any time and wherever they may be, who they want to let in and who they prefer to keep out.



# EASE OF OPERATION JUST AS YOU WISH



# CENTRAL CONTROL WITH THE HOMETOUCH

This large touch-screen display is your home's control centre. It allows all the functions to be activated, set, adjusted and monitored, it also serves as a video door entry system. Installed at the centre of the home, it offers optimum access to the entire system.

# FULL CONTROL, WHEREVER YOU ARE

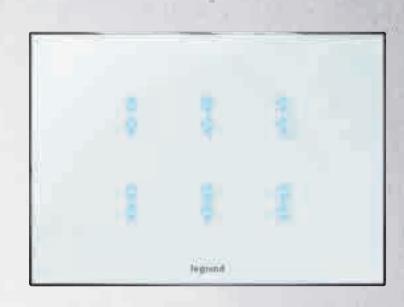
No matter where you are, the MyHOME\_Up App lets you steer your entire installation anywhere and at all times. It brings a whole new meaning to the concept of remote control.



# INDIVIDUAL ROOM CONTROLS

Elegant control units are available in different designs and ergonomics. Whether classic controls or advanced touch plates: they enable local control of lights, roller blinds and curtains, temperature and preset scenarios, and enhance the overall design of the installation.





# **VOICE CONTROL**

The most convenient way of controlling your Smart Home is provided by voice assistants such as the Google Assistant, Amazon Alexa or Apple Siri. Using these, your home listens to its occupants' commands and fulfils almost all their wishes.









# M U S I C STREAMING

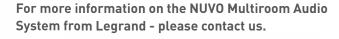
EASY INTEROPERABILITY FOR EASY LIVING



Arteor MyHOME\_Up is an open system that offers many benefits. Devices from other providers can be integrated seamlessly with a view to extending functionality even further. One example is digital streaming of music to create the perfect mood all around the house.

# WORKS WITH NUVO LEGRAND'S MULTIROOM AUDIO SYSTEM

The multiroom audio system from Legrand Group brand NUVO, allows to use Internet-based streaming services and can be integrated with MyHOME\_Up. Also, third party systems such as Sonos are compatible with MyHOME\_Up. Music systems can be operated via installed control elements or the app.









Also works with:

SONOS





With MyHOME\_Up and the corresponding light systems, a mood can be conjured up at the push of a button, or controlled via the app for even greater convenience.



Works with:











MyHOME\_Up and Arteor with Netatmo are part of Legrand's Eliot program for the development of sustainable connected solutions for the home and workplace.

Another major component of Eliot is the implementation of a powerful and reliable electrical infrastructure and the further development of high performance networks. These are the enabling factors of communication among connected devices and therefore essential for the constant extension of the Internet of Things.

The third mainstay of the Eliot program is interoperability. The integration of Legrand solutions with third party systems allows to provide new products and services with additional benefits.

# THREE PRINCIPLES OF THE ELIOT PROGRAM



Easy to use, accessible and providing enhanced user benefits.



To enable product communication and help develop the Internet of Things.



Legrand contributes to enhancing innovation and services beyond its own ecosystem by promoting interoperability, as a genuine third party service enabler.



# TOGETHER, WE CAN GO A LOT FURTHER

With its Eliot program, Legrand is on the right track, as is evidenced by a series of successful partnerships and third-party integrations.

Partnerships with innovative businesses and renowned brands:









Compatibility with platforms and voice assistants:



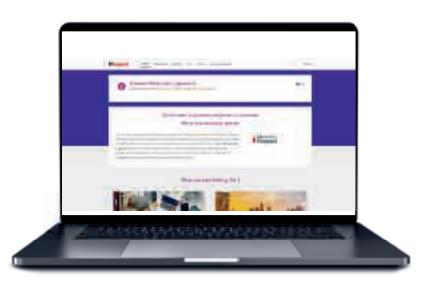






# Find out more about WORKS WITH LEGRAND

You want to learn more about the possibilities of integrating your systems with Legrand solutions? The **web portal https://developer.legrand.com** will provide you with a host of useful **information, tools and services.** 

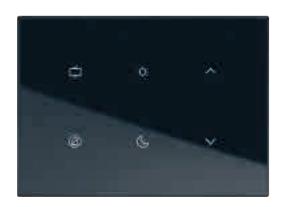




UX UPSCALE HOTELS F O R

Designed specifically for premium level establishments, UX for Upscale Hotels provides top quality solutions with its brand-new touchplates and enhanced functionalities. Operating on an open protocol, the guest room management system can seamlessly integrate with third party building management systems, thus raising hospitality to new heights across the world, in conjunction with Arteor or other Legrand wiring device ranges.





## **6-GANG TOUCH PLATE**

It can be configured on an individual basis as a convenient way of activating various scenarios such as "television", "work" and many more.



# **KEY CARD READER**

The power in the room can be switched on with the hotel card. The "Make up room" and "Do not disturb" signs can also be activated from here.



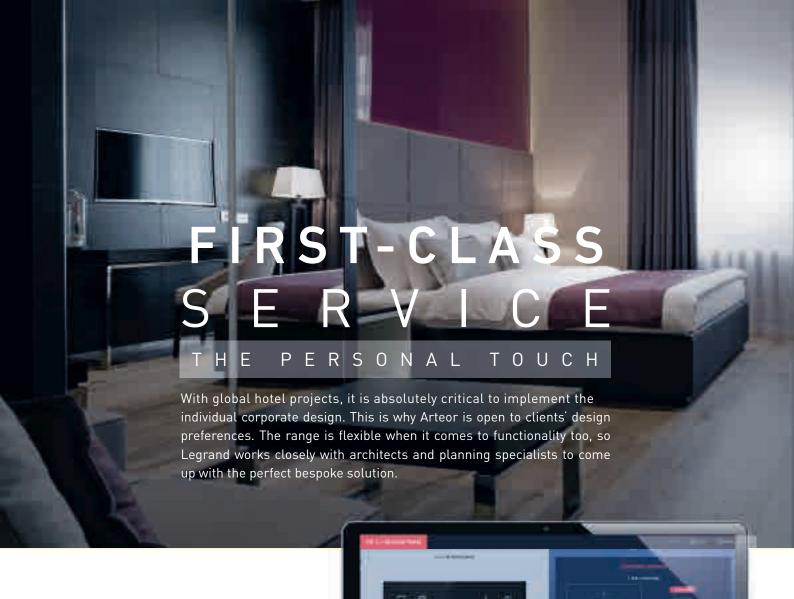
## **BEDSIDE PANEL**

For a convenient way of triggering complex scenarios for a wide range of situations. Temperature control for the hotel room is also integrated, as is a "Do not disturb" function.

# **EXTERNAL READER**

For opening the door with the hotel card and to provide a bell function for visitors. It lets staff know the guest doesn't want to be disturbed or that the room can be cleaned. Room number can be added.



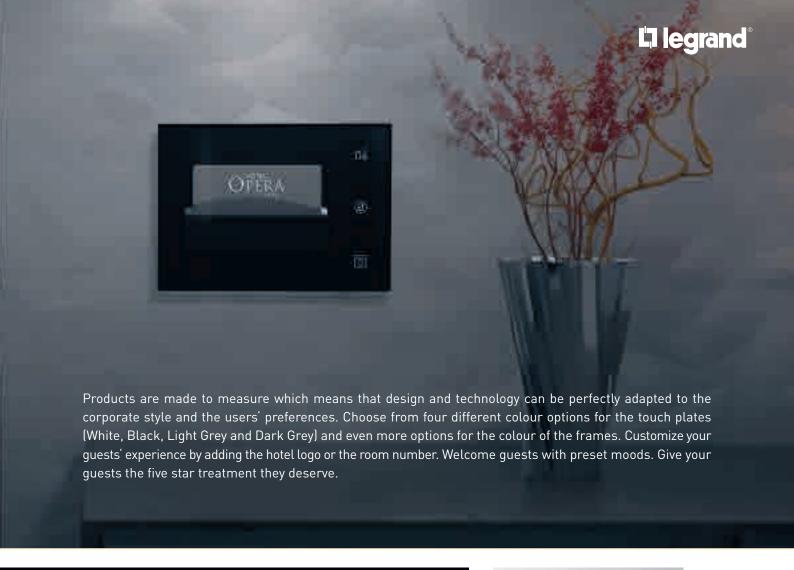


A special configuration tool has been developed for quick and easy implementation of customer requirements.



The configuration tool provides a convenient way of selecting the colour options for touch plates and frames, the icons and other forms of customisation.

Check out the configuration tool: https://www.uxforupscalehotel.legrand.com







Touch plates available in four colours: Black, White, Light Grey and Dark Grey.



Choose between standard surface installation or fully recessed mounting, in-wall or integrated into furniture.

# CATALOGUE





P. 60 Mechanical switches



P. 65 Visual indication

Arteor™ Wiring Devices



P. 71 British standard socket outlets



P. 81 Rear pluggable data sockets, wiring splitters





P. 88 Support frames

Arteor™ with Netatmo Connected home



**P. 98** Gateway kit





Home system management



P. 113
Energy management
and load shedding
management

Hotel solutions



P. 118 BUS solutions





P. 61 Push-buttons



P. 62 Sensitive switches and motion sensors



P. 63 Dimmers



P. 66 Ventilation, heating and roller blinds control, RCBOs and MCBs



P. 68 USB chargers and wireless power chargers



P. 70 Lighting control, emergency push-buttons



P. 70 DP switches, cooker control units



P. 72 Socket outlets with USB charger



P. 75 South African sockets



P. 78 Telephone and television sockets



P. 80 RJ 45 sockets



P. 82 USB data sockets



P. 84 Audio and video sockets



P. 86 Bluetooth sound diffusion and loudspeakers



P. 89 Ancillary mechanisms and blanking cover plates



P. 90 Mounting supports and mounting boxes



P. 92 Plates selection charts



P. 98 Connected light switches



P. 99 Connected socket outlets



P. 100 Connected curtain/roller blind switches



P. 101 Connected wireless controls and scene switches



P. 107 Control mechanisms, touch plates and scenario controllers



P. 108 Key cover selection charts



P. 110 Modular equipment for lighting control and automation



P. 112 BUS sensors



P. 114 Temperature control



P. 114 Common accessories



P. 115 Other devices



P. 120 UX for Upscale Hotels touch interfaces (BUS)



P. 122 KNX solutions



P. 123 Stand-alone hotel solutions

# **L**legrand

#### Arteor<sup>™</sup> mechanical switches

#### square version









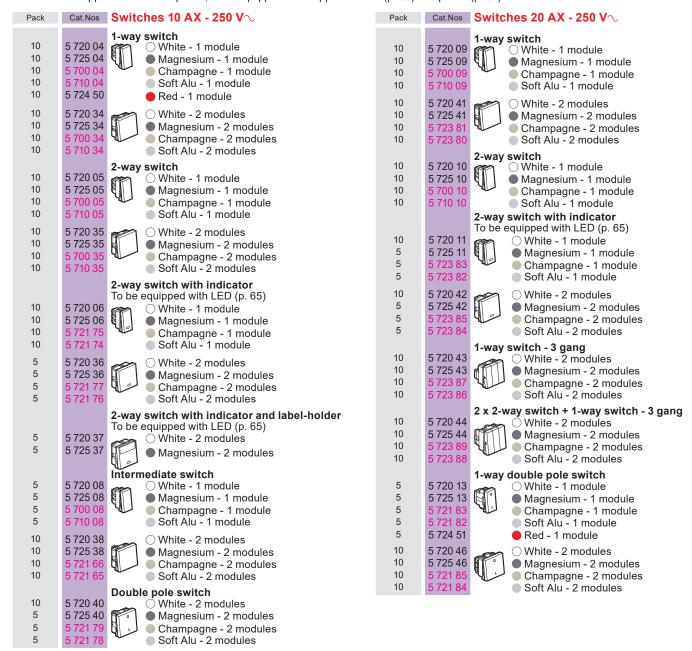






Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)





Support frames and plates, p. 92





# **Arteor™ mechanical switches**

#### square version (continued)

# **Arteor™ push-buttons**

#### square version



5 720 49



Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)  $\,$ 

Pack	Cat.Nos	Switches 20 AX - 250 V $\sim$ (continued)
5 5 5 5	5 720 14 5 725 14 5 721 87 5 721 86	1-way double pole switch with indicator Red LED supplied  White - 1 module  Magnesium - 1 module  Champagne - 1 module  Soft Alu - 1 module
10 10 10 10	5 720 47 5 725 47 5 721 89 5 721 88	<ul> <li>White - 2 modules</li> <li>Magnesium - 2 modules</li> <li>Champagne - 2 modules</li> <li>Soft Alu - 2 modules</li> </ul>
10 10 10 10	5 720 49 5 725 49 5 721 91 5 721 90	1-way double pole switch with indicator and "WATER HEATER" marking Red LED supplied  White - 2 modules  Magnesium - 2 modules  Champagne - 2 modules  Soft Alu - 2 modules
10 10 10 10	5 720 48 5 725 48 5 721 93 5 721 92	2-way double pole switch  White - 2 modules  Magnesium - 2 modules  Champagne - 2 modules  Soft Alu - 2 modules











Support frame and plate selection charts  ${\bf p.~92}$ 

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92 to 97)

frames (p.	frames (p. 88) and plates (p. 92 to 97)									
Pack	Cat.Nos	Push-buttons 6 A - 250 V $\sim$								
10 10 10 10 10 10	5 720 00 5 725 00 5 700 00 5 710 00 5 720 30 5 725 30 5 730 35	1-way push-button  White - 1 module  Magnesium - 1 module  Champagne - 1 module  Soft Alu - 1 module  White - 2 modules  Magnesium - 2 modules  Champagne - 2 modules								
10	5 730 34	Soft Alu - 2 modules								
5 5 5	5 720 15 5 725 15 5 730 37 5 730 36	1-way push-button with bell symbol White - 1 module Magnesium - 1 module Champagne - 1 module Soft Alu - 1 module								
5 5 5 5	5 720 56 5 725 56 5 730 39 5 730 38	White - 2 modules Magnesium - 2 modules Champagne - 2 modules Soft Alu - 2 modules								
5 5 5 5	5 720 16 5 725 16 5 730 41 5 730 40	1-way push-button with locator and bell symbol Equipped with blue LED  White - 1 module Magnesium - 1 module Champagne - 1 module Soft Alu - 1 module								
10 5 5 5	5 720 01 5 725 01 5 730 43 5 730 42	2-way push-button  White - 1 module  Magnesium - 1 module  Champagne - 1 module  Soft Alu - 1 module								
10 5 5 5	5 720 31 5 725 31 5 730 45 5 730 44	White - 2 modules Magnesium - 2 modules Champagne - 2 modules Soft Alu - 2 modules								
10 10 10 10	5 720 02 5 725 02 5 730 47 5 730 46	2-way push-button with locator Equipped with blue LED  White - 1 module  Magnesium - 1 module  Champagne - 1 module  Soft Alu - 1 module								
10 5 5 5	5 720 32 5 725 32 5 730 49 5 730 48	White - 2 modules Magnesium - 2 modules Champagne - 2 modules Soft Alu - 2 modules								
10 5	5 720 03 5 725 03	2-way push-button with label-holder  White - 1 module  Magnesium - 1 module								
10 10 10 10	5 720 33 5 725 33 5 700 33 5 710 33	White - 2 modules Magnesium - 2 modules Champagne - 2 modules Soft Alu - 2 modules								

# **la** legrand

## Arteor™ electronic switches and motion sensors









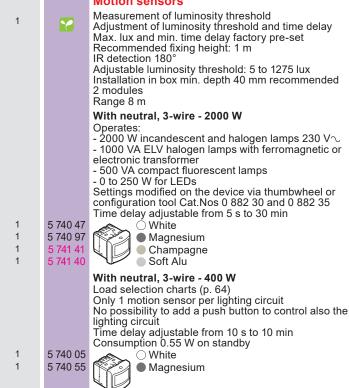
5 734 55

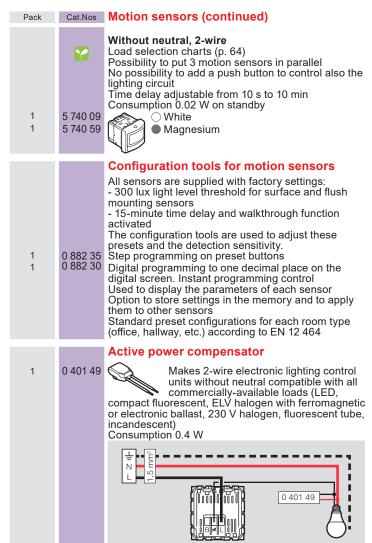
5 740 47

Support frame and plate selection charts  ${\bf p.~92}$  Load selection charts  ${\bf p.~64}$ 

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92 to 97)

Pack	Cat.Nos	Sensitive switches - 100/240 V $\sim$
		For controlling light sources by simply passing the hand in front of the switch (distance 5 mm) Up to 5 sensitive switches can be combined to control the same lighting circuit Supplied with LED indicator light
1 1	5 720 51 5 734 55	Square version  White - 2 modules  Magnesium - 2 modules
		Madianasana
1		Motion sensors  Measurement of luminosity threshold Adjustment of luminosity threshold and time delay Max. lux and min. time delay factory pre-set Recommended fixing height: 1 m  IR detection 180°







# **Arteor<sup>™</sup> dimmers**

### square version







5 727 13

5 735 01

Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92 to 97)

mariles (p. 00) and plates (p. 92 to 91)									
Pack	Cat.Nos	Leading edge dimmers							
1 1 1	5 722 13 5 727 13 5 700 53 5 710 53	Without neutral, 2-wire  Rotary dimmer - 400 W  White - 2 modules  Magnesium - 2 modules  Champagne - 2 modules  Soft Alu - 2 modules							
1 1	5 735 01 5 737 01	Rotary dimmer - 1000 W To be installed alone in a 3 module box (or 1 gang BS) with a 3-module support frame and a 2-module plate For lamps: - 60-1000 W (230 V) - 60-500 W (127 V) for incandescent and halogen lamps - 60-600 VA (230 V) - 60-300 VA (127 V) for halogen lamps with electronic transformer with leading edge behaviour - 60-1000 VA (230 V) - 60-500 VA (127 V) for halogen lamps with ferromagnetic transformers  White - 2 modules  Magnesium - 2 modules							
		Universal dimmers							
1 1 1 1	5 722 39 5 727 39 5 729 37 5 729 36	Without neutral, 2 wires Push-button dimmer for all types of lamps: - Dimmable LEDs: 75 W - Dimmable compact fluorescent lamps: 75 W - Halogen with transformer: 400 VA - Fluorescent tube: 200 VA - Halogen 230 V and incandescent: 400 W Can be associated with one or several push-buttons without neon, for ON/OFF or dimming control Lights come on again at the same lighting level as before they were last switched off  White - 2 modules  Magnesium - 2 modules Champagne - 2 modules Soft Alu - 2 modules							
		Dimmers 1-10 V							
1 1 1	5 722 38 5 727 38 5 729 39 5 729 38	Push-button dimmer for ballasts 1-10 V  White - 2 modules  Magnesium - 2 modules  Champagne - 2 modules  Soft Alu - 2 modules							



# **Arteor™ load selection charts**

## Load selection charts

				Leadin	g edge			Trailin	g edge
	Cat.Nos	Incandescent lamp		Halogen lamp		ELV halogen with ferromagnetic transformer		ELV halogen with electronic transformer	
		110 V√	230 V√	110 V∿	230 V√	110 V√	230 V√	110 V $\sim$	230 V√
Sensitive switches	5 720 51 5 734 55 5 725 51 5 736 55	500 W	1000 W	500 W	1000 W	250 VA	500 VA	250 VA	500 VA
	5 722 13 5 727 13 5 700 53 5 710 53	200 W	400 W	200 W	400 W	200 VA	400 VA	-	-
	5 735 01 5 737 01	500 W	1000 W	500 W	1000 W	500 VA	1000 VA	300 VA	600 VA
Dimmers	5 722 39 5 727 39 5 729 37 5 729 36 5 743 19 5 743 39 5 743 10	200 W	400 W	200 W	400 W	200 VA	400 VA	200 VA	400 VA
	5 740 47 5 740 97 5 741 41 5 741 40	1000 W	2000 W	1000 W	2000 W	500 VA	1000 VA	500 VA	1000 VA
Motion sensors	5 740 05 5 740 55	-	400 W	-	400 W	-	2000 VA	-	200 VA
	5 740 09 5 740 59	125 W	250 W	125 W	250 W	125 VA	250 VA	125 VA	250 VA

				Universal				
	Cat.Nos	Fluoresc	eent tube		prescent lamp			
		110 V∿	230 V <b>∼</b>	110 V∿ 230 V∿		110 V√ 230 V√		
Sensitive switches	5 720 51 5 734 55 5 725 51 5 736 55	250 VA	500 VA	250 VA	500 VA	250 VA	500 VA	
Dimmers	5 722 39 5 727 39 5 729 37 5 729 36 5 743 19 5 743 39 5 743 10	100 VA	100 VA 200 VA Dimmable 3 10 lamps i		Dimmable 75 W 10 lamps max	Dimmable 37 W 10 lamps max	Dimmable 75 W 10 lamps max	
Motion sensors	5 740 47 5 740 97 5 741 41 5 741 40	300 W	300 W 720 W		500 VA	250 VA	500 VA	
	5 740 05 5 740 55	- 150 VA		-	50 W	-	50 W	
	5 740 09 5 740 59	125 VA	250 VA	50 W	100 W	50 W	100 W	

	Cat.Nos	H Ballasts		Reducer motor for shutters		
Sensitive switches	5 720 51 5 734 55 5 725 51 5 736 55	-	-	50 VA	100 VA	
Dimmers	5 722 38 5 727 38 5 729 39 5 729 38 5 743 18 5 743 38	300 VA 40 mA	600 VA 40 mA	-	-	



#### visual indication



Support frame and plate selection charts p. 92

Mechanis	sms suppli	ed with square rocker plates, to be equipped with suppor	rt frames (	(p. 88) and	d plates (p. 92 to 97)
Pack	Cat.Nos	Skirting lights	Pack	Cat.Nos	Reading lights
1 1 1	5 722 21 5 740 82 5 740 83 5 740 80				Fitted with maintenance-free LEDs LED colours: 3000 K (neutral white) 230 V power supply - energy class A Screw terminals For installation in the bedhead Offers directional lighting Equipped with a flexible cable so the head can swivel Built-in dimmer Consumption 3.3 W Luminous flux 110 lumen (equivalent to 15 W
1 1 1	5 722 26 5 727 26 5 729 45 5 729 44	Magnesium Champagne Soft Alu	1 1	5 722 57 5 727 57	incandescent) Service life 40000 hours For installation in box depth 40 mm min. 2 modules  Square version  White  Magnesium
1 1	5 722 34 5 727 34	<b>€</b> /2 <b>9</b> /1			
10	5 724 52	Illuminated lighting unit 230 V ∼ - 1 W Supplied with 4 coloured labels 1 module  ○ White			
10 10	5 724 53 5 722 23	White with white diffuser			
10 10 10	5 724 56 5 724 55 5 724 57	For indicator switch			
10	5 724 54	LED 12 V - red			

# **la legrand**

# Arteor™

### ventilation, heating, roller blinds control











5 722 03

5 727 20

# Support frame and plate selection charts p. 92

Mechanisms supplied with square rocker plates, to be equipped with support frames (p. 88) and plates (p. 92 to 97)

Pack	Cat.Nos	Smarther connected thermostat	Pack	Cat.Nos	Fan controllers
		Allows you to adjust and monitor the temperature in the rooms precisely and accurately; all the programming and most of the functions are performed simply an intuitively using the dedicated APP. Thanks to its Wi-Fi connection, Smarther can be programmed and controlled remotely; it can also display the temperature and humidity measured in	1 1 1	5 722 17 5 727 17 5 727 87 5 727 86	2 modules  AC speed control - 4 positions  White  Magnesium Champagne Soft Alu
		the room. The temperature level can be set locally for manual operation and the Boost mode can be activated. The Boost forces the switching on of the system for a limited time (30, 60 or 90 minutes) independent of the measured and programmed temperature  - 100 - 240 V√, 50/60 Hz power supply;  - 2 W max absorption	1 1 1	5 722 18 5 727 18 5 727 97 5 727 96	Rotary speed controller for fan Operates 40 to 400 VA limit switch For progressive speed control of ceiling fan  White  Magnesium Champagne Soft Alu
1	0 490 36	- maximum cable section 1 x 1.5 mm <sup>2</sup> - temperature measurement 5 - 40 °C - temperature set-point 5 - 40 °C - increase of 0.5 °C - 1-contact output in switching free of potential 5(2)A 2 modules Flush-mounting	5 5 5 5	5 722 15 5 727 15 5 727 99 5 727 98	Fan step regulator - 100 W  White  Magnesium Champagne Soft Alu
1		Surface-mounting			Curtain switches 1 module
		Thermostats  Electronic room thermostat  Control knob with index and adjustable segments for min. and max. settings  Adjustable range from 5 °C to 30 °C (+/- 0.5 °C)	5 5 5 5	5 722 02 5 727 02 5 700 52 5 710 52	Curtain switch centre off  White  Magnesium  Champagne  Soft Alu
		Power supply: 230 V → - 50/60 Hz One potential free changeover contact output Suitable for controlling heated ceilings and underfloor heating - LV use breaking capacity: 8 A - 250 V → - resistive inductive circuit 2 A - 250 V → - inductive circuit	5 5 5 5	5 722 01 5 727 01 5 727 55 5 727 54	Curtain switch centre retract  White  Magnesium  Champagne  Soft Alu
	~	- ELV use breaking capacity: 12 to 48 V ← - 12 to 24 V=, from 1 mA min. to 500 mA max. 2 modules			Electric roller blind controllers - 250 V  For control via automatic box (N/O mechanism)  Double push-button - 10 A
1 1 1	5 722 03 5 727 03 5 727 06 5 727 05	○ White	10 10 10	5 722 19 5 727 19 5 729 43	2 modules  O White  Magnesium  Champagne
	~	Thermostat for electric floor heating With one potential free N/O contact and LED 16 A - 230 V  Adjustable range from 7 °C to 40 °C 2 modules	10	5 729 42	Soft Alu  For direct control of a motor (mechanism with fixed positions)  Double push-button - 10 A 2 modules
1 1 1	5 722 63 5 727 63 5 727 08 5 727 07	<ul><li>○ White</li><li>● Magnesium</li><li>● Champagne</li><li>● Soft Alu</li></ul>	10 10 10 10	5 722 20 5 727 20 5 700 54 5 710 54	<ul><li>White</li><li>■ Magnesium</li><li>■ Champagne</li><li>■ Soft Alu</li></ul>



Products to be submitted to local tests to ensure a perfect functioning Please contact your local agency



#### **RCBO and MCB**

# Arteor™

#### proximity MCBs





5 723 60

5 723 61

## Support frame and plate selection charts **p. 92**

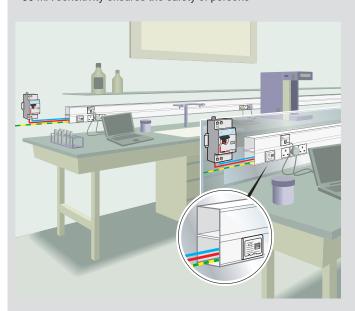
Mechanisms supplied with square rocker plates, to be equipped with support frames (p. 88) and plates (p. 92 to 97)

		, , ,
Pack	Cat.Nos	RCBO - 16 A - 230 V $\sim$
1	5 723 60	Single pole + Neutral - 30 mA - 2 modules The RCBO is used to protect people (premises with a conductive floor, presence of water, etc) against direct contact with live parts or leakages to earth With test button  White
		Thermal magnetic proximity MCB
		Single pole + Neutral - 230 V → - 16 A Used for local protection of part in a circuit (e.g. 2P+E socket) against overloads and short- circuits Main protection being close to the user plus discriminating allows immediate reset Can also be used as a local consumption limiter (depending on its rating) Breaking capacity: 3000 A - 2 modules
1	5 723 61	White

### Example of use of an RCBO

For use in addition to a DIN rail mounting RCBO In the event of a fault, allows the user to reset the RCBO locally (on the work surface), without interrupting service to another group of sockets

• 30 mA sensitivity ensures the safety of persons



### Selectivity

ups	BOs or stream MCBs		DX3 4500 - 6 kA / DX3 6000 - 10 kA  DX3 10000 - 16 kA / Ph + N, 1P, 2P, 3P, 4P  curve C							
Downstream MCBs	16 A	20 A	25 A	32 A	40 A	50 A	63 A			
Arteor 1P+N	10 A	120	150	187	240	300	375	472		
MCB and RCBO	16 A	-	150	187	240	300	375	472		

RCE		DX <sup>3</sup> [0000]- 16 kA (80 to 125 A)  DX <sup>3</sup> 25 kA, 36 kA, 50 kA  curve C									
Downstream MCBs		16 A	20 A	25 A	32 A	40 A	50 A	63 A	80 A	100 A	125 A
Arteor 1P+N	10 A	120	150	210	500	700	1000	1800	3000	5000	Т
MCB and RCBO	16 A		150	187	300	500	700	1300	2000	3600	5500

# **La legrand**

# Arteor™USB chargers

# 2.4 A 5 720 78 5 725 78 5 720 72

Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support

frames (p. 88) and plates (p. 92)		
Pack	Cat.Nos	USB Type-A chargers
		For recharging portable devices Conform to IEC 60950 Consumption in passive mode < 0.07 W 2P+E tap-off connection via 2 x 2.5 mm² screw terminals Supplied without cord
		Double USB sockets - 5 V 2.4 A - 12 W For fast charging of smartphones and tablet PC
5 1 1 1	5 720 78 <sup>1</sup> 5 725 78 <sup>1</sup> 5 710 76 <sup>1</sup> 5 700 76 <sup>1</sup>	Champagne
		Single USB sockets - 5 V <sub></sub> - 1.1 A - 5.5 W For Smartphone or Powerbank 1 module
10 10 10 10	5 720 71 5 725 71 5 710 75 5 700 75	○ White ■ Magnesium ■ Champagne ■ Soft Alu
		USB Type-C chargers
		Used for charging the battery of a portable device without a mobile charger with USB Type-C plug Standby consumption < 0.07 W Conform to IEC 60950 Supplied without cord
	N	1 USB Type-A + 1 USB Type-C - 230 V - 5 $V_{\pm}$ - 3 A - 15 W 2 modules
1 1 1	5 720 77 5 725 77 5 710 77 5 700 77	○ White ● Magnesium ● Champagne ■ Soft Alu
		2 USB Type-C - 230 V - 5 V <sub>=</sub> - 3 A - 15 W
1 1 1 1	5 720 72 5 725 72 5 710 78 5 700 78	2 modules  White  Magnesium Champagne Soft Alu
40		1 USB Type-C - 230 V - 5 V <sub>=</sub> - 1.5 A - 7.5 W 1 module

O White

Ø

Magnesium

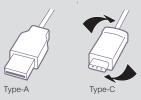
Champagne

Soft Alu

# **Type-C connectivity**

#### Type-C connector characteristics

 $\ensuremath{\mathsf{USB}}$  Type-C : new miniaturised version of the traditional  $\ensuremath{\mathsf{USB}}$  connector (Type-A)



Reversible: simplified connection.

For fast charging of devices and high-speed Data, Audio and Video transfers

#### USB Type-C standardisation

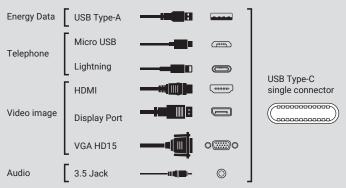
The European Commission and major manufacturers of multimedia devices (smartphones, tablets and laptops) have signed an M.o.U. (memorandum of understanding) aiming to standardise equipment and use of Type-C connectors

7 leading manufacturers are signatories to the agreement guaranteeing compatibility of their devices with USB Type-C chargers: Samsung, Apple, LG, Google, Sony, Motorola, Lenovo. Standardisation

- simplifies connection for users
- optimises charging performance and ensures compatibility
   restricts the need for multiple mobile chargers

#### Multipurpose cord

The USB Type-C connector aims to replace several connectors so users have a truly multipurpose cord.



#### ■ Why install a USB Type-C charger ?

- Latest generation smartphones and tablets are natively equipped with a Type-C port
- As the Type-C connector becomes the universal port, the Type-C cord will enable a multitude of applications (charging and data
- Delivers up to 15 W to optimise charging
- Environmentally friendly: standby power consumption of 0.07 W Level VI on the TUV scale (highest level)

10

10

10

10

#### wireless power chargers

#### Arteor™

#### wireless power chargers







0 775 80 supplied with sticker

Wireless power chargers for fast charging of a smartphone with a QI

Power supply standby mode consumption < 0.07%
Conform to the QI WPC standard (Wireless Power Consortium): certified for professional QI 1.2.3 projects
Conform to EN 62479 standard (EMF emissions)

Conform to ICNIRP specifications (health protection)

Do not interfere with other wireless signals (Zigbee, TNT, GSM, 4G, etc)

#### Pack Cat.Nos QI wireless chargers - for integration into Specially designed for mounting horizontally on furniture. For meeting rooms, offices, public areas, 80 mm drilling diameter, Aluminium colour Extra-slim with thickness < 1.5 mm Supplied with identification sticker diameter 85/110 mm, 2.5 m cord, fixing base and cable ties 110-240 V universal power supply Plugs conforming to European, BS, US, Australian/ Chinese standards To be installed using a hole saw diameter 80 mm (Cat.No 0 885 08) 5 W - IP 44 / IK 08 charger 0 775 80 15 W - IP 44 / IK 08 charger

#### Flush-mounted wireless chargers - for public areas

1 A - 5 V/5 W wireless charger. Specially designed for public buildings, passageways or transit areas, swimming pools, etc. IK 08 - IP 66 - Class II SELV Comes with 2 induction antennae for fast smartphone charging. Recognition area: 50 x 80 mm Plate at an angle of 10° with non-slip coating to hold the terminal safely in place during charging Screws onto flush-mounting box with 60 mm fixing centres, min. depth 40 mm, French, German or British standard. Can also be fixed in at 4 points. Can be mounted on rectangular boxes and outdoors 110/230 VA Phase + Neutral power supply Mechanism supplied with cover plate, attached with 2 Torx screws at the side

0 775 99

Aluminium colour Dimensions: 141 x 95 x 51 mm 2 x 2.5 mm2 terminals

# Wireless charger + Type-A USB - Arteor

1 A - 5 V/5 W charger with one 2.4 A/12 W USB port to power a second device

Specially designed for work areas

For installation in flush-mounting box, surface mounting box, workstation kit, column module, multi-outlet extension for offices, etc To be fitted with a support and a plate depending on

the selection of the wiring accessories ranges Comes with 2 induction antennae for fast intuitive smartphone charging. Recognition area: 50 x 80 mm Plate at an angle of 10° with non-slip coating to hold the terminal safely in place during charging Dimensions: 136.5 x 70 x 56.5 mm Anti-theft lock function

Suitable for horizontal multi-gang mounting

Metallic finishing plate 2 x 2.5 mm<sup>2</sup> terminals

#### Wireless power charging

#### A Legrand innovation for easy charging

Using wireless energy transfer No need for cords and connectors

#### An open international standard: (1)



Wireless Power Consortium: 750 members, ensuring interoperability with induction-compatible phones

QI: global standard adopted by vehicle manufacturers and cafés/ hotels/restaurants

Products certified for professional QI 1.2.3 projects

#### Ergonomically designed to suit different environments Horizontal charging on furniture





Insertion in an 80 mm diameter cut-out / Fixed into furniture External power supply with 2.5 m cord

#### Vertical charging on a wall in public areas (semi-flush-mounted)

Ideal for indoor or outdoor locations



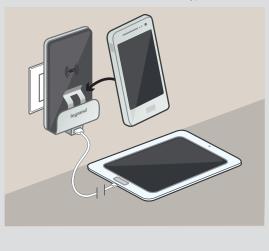


Excellent resistance to impacts (IK 08) and adverse weather conditions (IP 66)

Can be fixed directly on the flush-mounting box or for extra strength drilled with anchor bolts

#### **Charging in Arteor environment**

With induction and 2.4 A / 12 W USB Type-A socket





#### lighting control, emergency push-buttons

# Arteor™

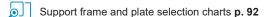
#### double pole switches, cooker control unit



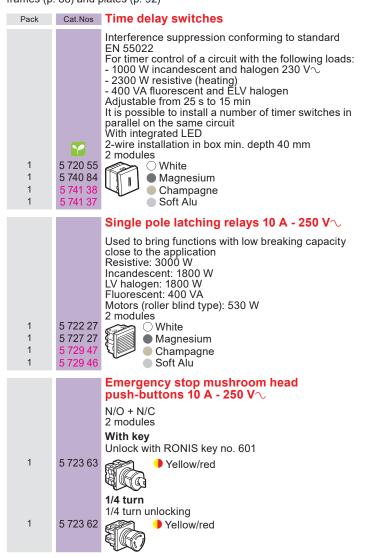


0 7 2 0 0 0

5 723 63



Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)







Support frame and plate selection charts **p. 92** 

Mechanisms supplied with rocker plates, to be equipped with plate (p. 92) Support frame not needed

Support frame not needed		
Pack	Cat.Nos	Double pole switches 40 A - 250 V $\sim$
5 5 5 5	5 720 81 5 725 81 5 721 95 5 721 94	Conform to EN 60669-1: 2000 and SANS 164-1 Captive terminal screws For flush-mounting box to be min. 48 mm deep Use US plate 4" x 4" - 2 modules  Double pole switch  White  Magnesium Champagne Soft Alu
5 5 5 5	5 720 82 5 725 82 5 721 97 5 721 96	Double pole switch + neon  White  Magnesium  Champagne  Soft Alu
5 5 5 5	5 720 80 5 725 80 5 724 92 5 724 85	Conform to EN 60669-1: 2000 Captive terminal screws For flush-mounting box to be min. 48 mm deep  Double pole switch + neon - 2 gang Use BS plate 3 modules  White  Magnesium  Champagne Soft Alu  Double pole switch + neon - 1 gang
5 5 5 5	5 720 87 5 725 87 5 721 99 5 721 98	Use BS plate 2 modules  White  Magnesium  Champagne  Soft Alu
5	5 720 88	Cooker control unit 250 V Conform to BS 4177: 1992 45 A double pole switch + 13 A double pole switched socket outlet Use special plate Cat. No 5 751 50  White



### British standard socket outlets









Plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with special plates (p. 92) Support frame not needed  $\,$ 

Pack	Cat.Nos	Single pole socket outlets 13 A - 250 V $\sim$
		Shuttered for child safety ASTA licence Conform to BS 1363 Part 2 Use special plates (p. 92)
10	5 721 43	2P+E switched - 1 gang  White
10	5 726 43	Magnesium
10 10	5 700 48 5 710 48	Champagne Soft Alu
10	5 721 44	2P+E switched + neon - 1 gang
10	5 721 44	○ White ■ Magnesium
10	5 724 45	Champagne
10	5 724 44	Soft Alu
_	5 704 45	2P+E switched - 2 gang
5 5	5 721 45 5 726 45	○ White ■ Magnesium
5 5	5 700 49 5 710 49	Champagne Soft Alu
5	E 701 46	2P+E switched + neon - 2 gang
5	5 721 46 5 726 46	○ White ■ Magnesium
5 5	5 724 47 5 724 46	Champagne Soft Alu
		Double pole socket outlets 13 A - 250 V $\sim$
		Shuttered for child safety ASTA licence Conform to BS 1363 Part 2 Use special plates (p. 92)
_		2P+E switched - 1 gang
5 5	5 721 47 5 726 47	○ White ■ Magnesium
5	5 724 49	Champagne
5	5 724 48	Soft Alu
		2P+E switched - 2 gang
5 5	5 721 49 5 726 49	O White  Magnosium
5	5 710 70	Magnesium Champagne
5	5 700 70	Soft Alu
5	5 721 41	Red for standard and clean earth applications
		Non standard pin configuration

Pack	Cat.Nos	Double pole socket outlets 5 A - 250 V $\sim$
10 10 10 10	5 721 40 5 726 40 5 727 58 5 727 21	Shuttered for child safety Conform to BS 546 Use special plates (p. 92)  2P+E switched - 1 gang  White  Magnesium  Champagne Soft Alu
		Fused connection units
		Double pole fused 13 A (fuse supplied) Flex outlet knockout and cord grip Captive fuse carrier (padlockable) Captive terminal screws Conform to BS 1363: part 4 Use special plates (p. 92)
_		Switched
5 5	5 721 50 5 726 50	○ White ■ Magnesium
5	5 726 75	Champagne
5	5 726 74	Soft Alu
5	5 721 51	Switched + neon
5	5 726 51	• Magnesium
5	5 726 77	Champagne
5	5 726 76	Soft Alu
10	5 721 57	Unswitched
10	5 726 57	■ Magnesium
10	5 726 79	Champagne
10 10	5 726 79 5 726 78	Champagne Soft Alu

# **L**legrand

### Arteor™

#### British standard socket outlets with USB charger









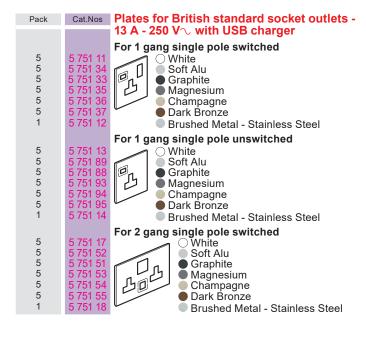
5 721 56 + 5 751 11

5 726 29 + 5 751 12 5 726 58

5 721 42 + 5 751 17

Mechanisms supplied with rocker plates, to be equipped with special plates Support frame not needed

Deels	O-4 N	British standard socket outlets - 13 A -
Pack	Cat.Nos	250 V $\sim$ with USB charger
		Conform to BS 1363-2
1 1 1	5 721 56 5 726 56 5 710 80 5 700 80	1 gang single pole switched USB Type-A 2.4 A - 5 V = - 12 W Consumption in passive mode < 0.08 W  White  Magnesium  Champagne Soft Alu
1 1 1	5 721 29 5 726 29 5 722 29 5 722 49	1 gang single pole switched USB Type-C 3 A - 5 V <sub></sub> - 15 W Consumption in passive mode < 0.08 W  White Magnesium Champagne Soft Alu
1 1 1 1	5 721 58 5 726 58 5 710 82 5 700 82	1 gang single pole unswitched USB Type-A 2.4 A - 5 V= - 12 W Consumption in passive mode < 0.08 W  White  Magnesium Champagne Soft Alu
1 1 1	5 721 27 5 726 27 5 722 28 5 722 58	1 gang single pole unswitched USB Type-C 3 A - 5 V 15 W Consumption in passive mode < 0.08 W  White  Magnesium Champagne Soft Alu
1 1 1	5 721 42 5 726 42 5 710 81 5 700 81	2 gang single pole switched USB Type-A + Type-C 3 A - 5 V = - 15 W Consumption in passive mode < 0.08 W  White Magnesium Champagne Soft Alu





### multistandard socket outlets with USB charger



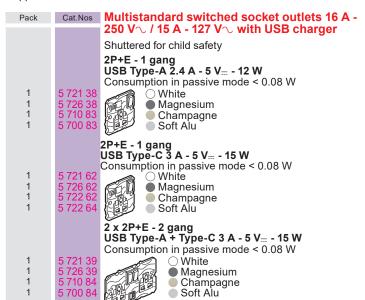


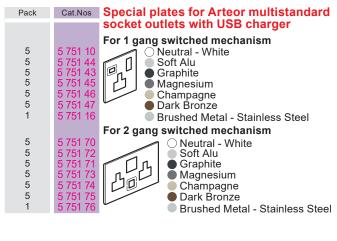


5 721 38 + 5 751 10

5 721 39 + 5 751 70

Mechanisms supplied with rocker plates, to be equipped with special plates Support frame not needed





# **la legrand**

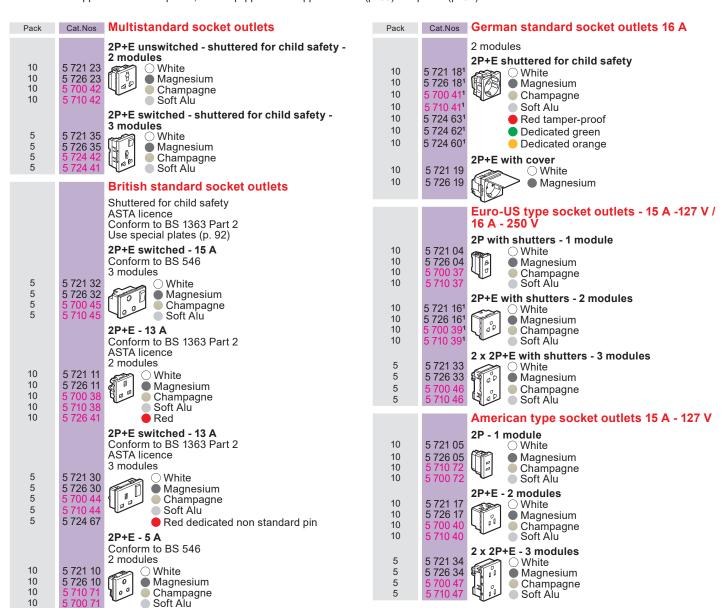
# Arteor™

### international socket outlets



Support frame and plate selection charts **p. 92** 

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)





# $\textbf{Arteor}^{\!{}^{\scriptscriptstyle{\mathsf{TM}}}}$

# South African socket outlets





5 720 70 + 5 753 00



Support frame and plate selection charts p. 96

Pack	Cat.Nos	South African type socket outlets - 16 A
		2P+E unswitched - 1 module Conform to SANS 164-2 Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)
10 10	5 721 36 5 726 36	○ White ■ Magnesium
10	5 726 48	Champagne
10 10	5 721 48 5 724 68	<ul><li>Soft Alu</li><li>Red dedicated</li></ul>
		New 2P+E switched
10 10	5 721 37 5 726 37	○ White ■ Magnesium
		2P+E - shuttered for child safety - 2 modules Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)
10 10	5 721 22 5 726 22	White Magnesium
10 10	5 724 26 5 724 25	Chagnesian Chagnes Soft Alu
10	5 724 61	Red
		2P+E switched - shuttered for child safety - 3 modules
		Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)
5 5	5 721 32 5 726 32	○ White
5	5 724 28	Magnesium Champagne
5	5 724 27	Soft Alu
5	5 724 65	Red dedicated

Pack	Cat.Nos	South African type socket outlets - 16 A with USB charger
1 1 1 1	5 720 70 5 725 70 5 710 93 5 700 91	All switched new RSA socket outlet (164-2) and old RSA socket outlet (164-1) Prewired, monobloc, 4x4 Supplied with support frame and rocker plate, to be equipped with 2x3 modules plate USB Type-A + Type-C, 3 A - 5 V 15 W Consumption of USB in passive mode < 0,08 W (when switched) The main switch controls the two RSA socket outlets and the double USB charger  White  Magnesium Champagne Soft Alu
1 1 1	5 720 66 5 725 66 5 710 92 5 700 90	2 new RSA socket outlets (164-2) and 1 old RSA switched socket outlet (164-1) Prewired, monobloc, 4x4 Supplied with support frame and rocker plate, to be equipped with 2x3 modules plate  White  Magnesium  Champagne  Soft Alu

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# Arteor™

# international socket outlets (continued)











Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)

Pack	Cat.Nos	Italian type socket outlets	Pack	Cat.Nos	Indian and Euro-US combined socket
10 10	5 721 01 5 726 01	1 module  2P+E on line - 10 A  White  Magnesium	20	5 734 70	outlets 6 A - 10 A - 240 V and 15 A - 127 V 2P+E Shuttered for child safety 2 modules  White
10 10 10 10	5 721 03 5 726 03 5 700 36 5 710 36	Magnesium Champagne	20 20	F 700 70	Magnesium Champagne Indian standard socket outlets
10 10 10	5 718 20 5 718 70 5 710 73	Swiss type socket outlets T 13, 10 A, 250 V, 2P+E Automatic terminals, 2 modules  White Magnesium Champagne	10 10 10	5 734 71 5 736 71 5 748 34	6 A / 16 A 3 pin combined (2P + Earth) Shuttered for child safety 2 modules  White Magnesium Champagne
10 10 10 10 10	5 700 73 5 718 27 5 718 77 5 710 74 5 700 74	Soft Alu  2 x T 13, 10 A, 250 V, 2P+E  2 modules  White Magnesium Champagne Soft Alu			ELV socket outlets 3 A 2P Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92) 12 mm fixing centres for plug Cat.No 0 500 05 1 module
		Australian type socket outlets 2 modules	10 10	5 721 00 5 726 00	○ White  ■ Magnesium
10 10 10 10	5 721 14 5 726 14 5 726 15 5 726 02	2P+E auto-switched shuttered for child safety - 10 A	20	0 500 05	Plug 2P - 3A for ELV socket outlet 12 mm fixing centres pins Ø3.6 mm
10 10 10	5 721 12 5 726 12 5 726 07 5 721 07	2P+E shuttered for child safety - 10/15 A			



# international socket outlets (continued)







5 726 21

5 721 31

Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)

Pack	Cat.No.	Chinese type socket outlets
10 10 10 10	0 1 20	Magnesium Champagne
		2P+E shuttered for child safety - 16 A 2 modules
10 10 10 10	5 721 2 5 726 2 5 723 6 5 723 6	Magnesium Champagne
		2P+E Chinese + 2P Euro-US - 10 A 3 modules
5 5 5 5	5 721 3 5 726 3 5 723 6 5 723 6	Magnesium Champagne
		Israeli type socket outlets
10 10 10 10	5 721 2 5 726 2 5 700 4 5 710 4	Magnesium Champagne

. ,		
Pack	Cat.Nos	French standard socket outlets 10/16 A
10 10 10 10	5 720 20 <sup>1</sup> 5 725 20 <sup>1</sup> 5 710 86 <sup>1</sup> 5 710 85 <sup>1</sup>	2 modules  2P shuttered for child safety  White  Magnesium Champagne Soft Alu
10 10 10 10	5 720 21 <sup>1</sup> 5 725 21 <sup>1</sup> 5 700 21 <sup>1</sup> 5 710 21 <sup>1</sup>	2P+E shuttered for child safety  White  Magnesium Champagne Soft Alu
10	5 724 66 <sup>1</sup>	2P+E tamper-proof Used to identify a mains circuit (e.g. inverter) and avoid connection of unnecessary equipment which may cause interference on the circuit  Red
10	0 502 99	Tamperproof insert for Cat.No 5 724 66  Tamperproof insert for socket Fits directly into the plug



### telephone sockets

# Arteor™

### televison sockets

















5 728 13

5 721 72

5 721 69

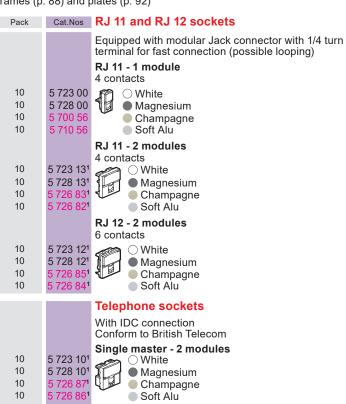
5 721 71

5 721 63



Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)



Single secondary - 1 module

Magnesium

Champagne

Soft Alu

○ White



Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)

For Dvbt, Cablecast and satellite installation
UHD TV quality compatible
Classe A shielded star socket LTE ready (4G protected)
Recommended coaxial cable: 17 VATCA
Star cabling (1 socket = 1 cable to antenna, splitter or multiswitch) Visual check of the connection Weets EN 50083-4 and EN 50083-2 European directive TV: male connector (Ø9.5 mm) - 5-68 /120-862 MHz R: female connector (Ø9.5 mm) - FM 87.5-108 MHz / DAB 174-223 MHz SAT: "F" type connector - 950-2400 MHz

Pack	Cat.Nos	Multi TV star sockets
		2 modules
10 10 10 10	5 721 72 <sup>1</sup> 5 726 72 <sup>1</sup> 5 726 91 <sup>1</sup> 5 726 90 <sup>1</sup>	TV-R-SAT sockets Radio FM + DAB+ Low attenuation: 1.5 dB  White  Magnesium Champagne Soft Alu
10 10 10 10	5 721 69 <sup>1</sup> 5 726 69 <sup>1</sup> 5 726 93 <sup>1</sup> 5 726 92 <sup>1</sup>	7 mag
10 10 10 10	5 721 67 5 726 67 5 726 95 5 726 94	TV-SAT sockets  1 module  White  Magnesium  Champagne  Soft Alu
		Single TV star sockets - 1 module
10 10 10 10	5 721 71 5 726 71 5 700 51 5 710 51	Low attenuation 1dB  TV 9.5 mm male sockets  White  Magnesium Champagne Soft Alu
10 10 10 10	5 721 63 5 726 63 5 700 50 5 710 50	TV "F" type sockets

5

5

5

5

5 723 01

5 728 01



### television sockets

### Information about DAB+

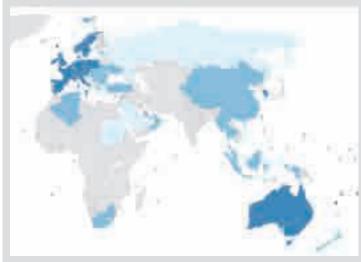
Digital Audio Broadcasting is the radio equivalent of DTT, a global standard used all over the world.

- More radio stations available

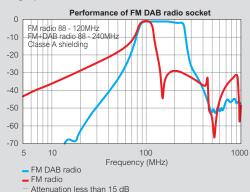
- Better sound quality
  Digital data combined with the audio stream
  This socket has a reception range of FM 87.5 108 MHz & DAB+
- · A link to a collective or individual aerial
- · Digital quality

### Roll-out between 2018 - 2022

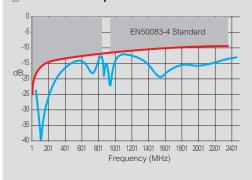
- Countries with active business broadcast
- Countries doing test
- Countries interested by tech



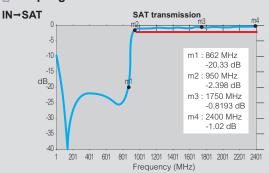
## **High performance**

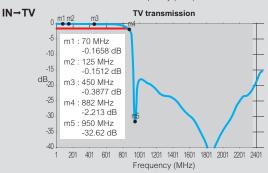


## Return loss input



### Coupling attenuation





### Certification

Class A sockets, protected with LTE block filter. LTE protection is needed to prevent interference from new signals used by smartphones (3G, 4G, 5G). These undesirable signals can cause picture freezing or breaking up, and distorted sound. Legrand uses the PKM laboratory for Class A certification of its sockets.

# Requirements for TV corner

- Multi-gang wiring accessories
  TV attenuation < 1,5 dB</li>
- 17 VATC coaxial cable
- Cat. 6 twisted pairs
- Multi-operator, terrestrial DTT, satellite, cable network and ISP, FM and DAB+ radio reception



· Internet connection



- Smart TV with interactive services
- Connected games console (for online gaming)



Require the certificate of conformity for Class A shielded TV sockets



# **G**legrand

# Arteor™

### **RJ 45 sockets**













5 728 16



Support frame and plate selection charts p. 92

Can be integrated in any support
Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 6 <sub>A</sub> sockets
		360° metal shielding
10 10 10 10	5 723 06 5 728 06 5 728 46 5 728 45	STP - 1 module  White  Magnesium Champagne Soft Alu
10 10 10 10	5 723 51 5 728 51 5 728 48 5 728 47	<ul> <li>White with orange shutter</li> <li>Magnesium with orange shutter</li> <li>Champagne with orange shutter</li> <li>Soft Alu with orange shutter</li> </ul>
10 10 10 10	5 723 52 5 728 52 5 728 61 5 728 60	<ul> <li>White with green shutter</li> <li>Magnesium with green shutter</li> <li>Champagne with green shutter</li> <li>Soft Alu with green shutter</li> </ul>
		STP with controlled access - 2 modules
5 5 5 5	5 723 50 5 728 50 5 728 63 5 728 62	Supplied with 2 keys for 5 sockets  White with red shutter  Magnesium with red shutter Champagne with red shutter Soft Alu with red shutter
10 10 10 10	5 723 49 5 728 49 5 728 65 5 728 64	UTP - 1 module  White  Magnesium Champagne Soft Alu
10 10 10 10	5 723 58 5 728 58 5 728 69 5 728 68	White with orange shutter Magnesium with orange shutter Champagne with orange shutter Soft Alu with orange shutter
10 10 10 10	5 723 59 5 728 59 5 728 67 5 728 66	<ul> <li>White with green shutter</li> <li>Magnesium with green shutter</li> <li>Champagne with green shutter</li> <li>Soft Alu with green shutter</li> </ul>
		UTP with controlled access - 2 modules Supplied with 2 keys for 5 sockets
5 5 5 5	5 723 57 5 728 57 5 728 72 5 728 71	White with red shutter     Magnesium with red shutter     Champagne with red shutter     Soft Alu with red shutter

Pack	Cat.Nos	Cat. 6 sockets
10 10 10 10	5 723 02 5 728 02 5 700 57 5 710 57	UTP - 1 module  White  Magnesium  Champagne Soft Alu
10 10 10 10	5 723 54 5 728 54 5 728 74 5 728 73	White with orange shutter Magnesium with orange shutter Champagne with orange shutter Soft Alu with orange shutter
10 10 10 10	5 723 55 5 728 55 5 728 80 5 728 79	White with green shutter Magnesium with green shutter Champagne with green shutter Soft Alu with green shutter
10 10 10 10	5 723 14 <sup>1</sup> 5 728 14 <sup>1</sup> 5 700 59 <sup>1</sup> 5 710 59 <sup>1</sup>	UTP - 2 modules  ○ White - square version  ● Magnesium - square version  • Champagne - square version  • Soft Alu - square version
		UTP with controlled access - 2 modules Supplied with 2 keys for 5 sockets
5 5 5 5	5 723 53 5 728 53 5 728 87 5 728 86	<ul> <li>White with red shutter</li> <li>Magnesium with red shutter</li> <li>Champagne with red shutter</li> <li>Soft Alu with red shutter</li> </ul>
1 1 1	5 723 39 5 728 39 5 728 89 5 728 88	UTP with retractable cord - 4 modules Cord (0.9 m) winds up automatically with a pushbutton  White Magnesium Champagne Soft Alu
10 10 10 10	5 723 22 5 728 22 5 728 91 5 728 90	FTP - 1 module  White  Magnesium Champagne Soft Alu
10 10 10 10	5 723 16 <sup>1</sup> 5 728 16 <sup>1</sup> 5 728 93 <sup>1</sup> 5 728 92 <sup>1</sup>	FTP - 2 modules  White  Magnesium Champagne Soft Alu
10 10 10 10	5 723 23 5 728 23 5 728 95 5 728 94	STP shielded - 1 module  White  Magnesium Champagne Soft Alu
10 10 10 10	5 723 17 5 728 17 5 728 97 5 728 96	STP shielded - 2 modules  White  Magnesium Champagne Soft Alu



### RJ 45 sockets (continued)

# Arteor™

# rear pluggable data sockets and wiring splitters



5 723 15









5 723 31

5 728 32

Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)

ection	Pack	Cat.Nos	Rear pluggable RJ 45 sockets
26, and AWG 26 SI/TIA 568 standards			Certified as conforming to standards ISO 11801 ed. 2.0, EN 50173-1 and EIA/TIA 568 Contacts marked with 568 A and B dual colour code and numbers Connectors with self-stripping terminals Possibility of re-wiring in the event of error Multidirectionnal cable entry For use with area distribution boxes connection to boxes via RJ45-RJ45 dedicated cords Used to create Cat. 6 and Cat. 5e links in accordance with standards 2 modules
	10 10 10 10	5 723 31 5 728 31 5 729 10 5 729 09	Cat. 6 - UTP  White Magnesium Champagne Soft Alu
	10 10 10 10	5 723 33 5 728 33 5 729 12 5 729 11	Cat. 6 - FTP  White Magnesium Champagne Soft Alu
	10 10 10 10	5 723 30 5 728 30 5 729 18 5 729 17	Cat. 5e - UTP  White  Magnesium Champagne Soft Alu
	10 10 10 10	5 723 32 5 728 32 5 729 20 5 729 19	Cat. 5e - FTP  White  Magnesium Champagne Soft Alu
			Telephone/Ethernet wiring splitters Provide increased security against theft and damage to double connectors Provide a rate of 10/100 Mbps Multidirectionnal cable entry Can be installed in all supports depth min. 35 mm Telephone and Ethernet applications marked on the protective cap 1 module FTP - double connector 9 contacts
	10 10 10 10	5 723 36 5 728 36 5 729 22 5 729 21	<ul><li>White</li><li>Magnesium</li><li>Champagne</li><li>Soft Alu</li></ul>
	10 10 10 10	5 723 35 5 728 35 5 729 28 5 729 27	UTP - double connector 8 contacts  White Magnesium Champagne Soft Alu



Support frame and plate selection charts p. 92

Can be integrated in any support
Mechanisms supplied with rocker plates, to be equipped with support
frames (p. 88) and plates (p. 92)
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26

multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANS

Pack	Cat.Nos	Cat. 5e sockets
10 10 10 10	5 723 03 5 728 03 5 700 58 5 710 58	UTP - 1 module  White  Magnesium Champagne Soft Alu
10 10 10 10	5 723 15 <sup>1</sup> 5 728 15 <sup>1</sup> 5 728 99 <sup>1</sup> 5 728 98 <sup>1</sup>	UTP - 2 modules  White  Magnesium Champagne Soft Alu
10 10 10 10	5 723 04 5 728 04 5 729 08 5 729 07	FTP - 1 module  White  Magnesium Champagne Soft Alu

# **L**legrand

# Arteor™

# adaptors for data sockets





5 723 37

5 728 38



Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)  $\,$ 

Pack	Cat.Nos	Adaptors for Keystone data sockets
10 10 10 10	5 723 37 5 728 37 5 729 32 5 729 31	Equipped with transparent label-holder  Single connector - 2 modules  White  Magnesium Champagne Soft Alu
		Adaptors for Systimax data sockets Equipped with transparent label-holder
10 10 10	5 723 38 5 728 38 5 729 34 5 729 33	Single connector - 2 modules  White  Magnesium Champagne Soft Alu

# Arteor™

# **USB** data sockets



Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)  $\,$ 

(р	. 00)	(p. 02)
Pack	Cat.Nos	USB data sockets for data transfer
1 1 1	5 720 94 5 725 94 5 725 76 5 725 75	Used to bring connections closer to the user For connecting USB devices (interactive white board, scanner-printer, external hard disk)  Preterminated - USB 3.0 - 1 module  Maximum length: 5 m  Recommended cable: USB A  Equipped with a 15 cm cord  White  Magnesium  Champagne  Soft Alu
·	012010	Connection via screw terminals - USB 2.0
1 1 1 1	5 722 75 5 727 75 5 725 53 5 725 52	Magnesium
1	5 720 23	USB Data extender Used to bring connections closer to the user in case of large distances. For connecting USB devices (digital school board / interactive whiteboard) located more than 5 m away (30 m max.) from a source (computer) The kit includes - a transmitter (1 module) - a receiver (1 module) The link between the transmitter and the receiver is made via a RJ 45/RJ 45 cord  White





# How to connect HDMI preterminated sockets and videoprojector switch

A wide range of technologies (HDMI, HD15, DISPLAY PORT, RCA, JACK) to suit the location and the user requirements

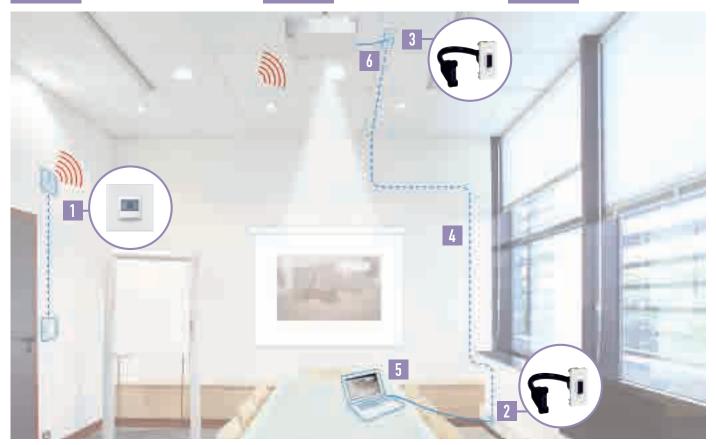
INSTALLATION EXAMPLE







OPTIMUM PERFORMANCE





Infrared ON/STANDBY control for video projector associated with a push-button Cat.No 5 720 89

2 3

Preterminated HDMI sockets Cat.No 5 720 96



10 m male/male HDMI cords Cat.No 0 517 20



1 m male/male HDMI cord Cat.No 0 517 32

# **L**legrand

# Arteor™

# audio and video sockets





Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)

Pack	Cat.Nos	HDMI type A sockets	Pack	Cat.Nos	HD15 sockets
		Used to transmit high-definition digital audio/video streams between a source (Blu-ray player, computer) and a compatible receiver (TV, videoprojector)			Used to transmit analog video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (LCD, video projector, TV, etc)
		Preterminated sockets HDMI 1.4 - 1 module Equipped with cord, length 15 cm			Preterminated sockets - 1 module Equipped with cord, length 15 cm
1 1 1	5 720 96 5 725 96 5 725 18	○ White ■ Magnesium ■ Champagne	1	5 720 97 5 725 97	○ White ■ Magnesium
1	5 725 17	Soft Alu  Preterminated sockets HDMI 1.4 - 2 modules Equipped with cord, length 15 cm	1	5 722 82 <sup>1</sup> 5 727 82 <sup>1</sup>	Screw-type female HD15 sockets - 2 modules  White  Magnesium
1 1 1	5 722 99 5 725 99 5 723 46 5 723 45	Champagne - square version	1	5 722 88 5 727 88	
1	0 517 38	HDMI extender  Extends HDMI audio/video signals up to 57 m at up to a 4 K resolution between a source (computer, Blu-ray player) and a receiver (videoprojector,	1 1	5 722 79 5 727 79	Solder-type female HD15 sockets - 1 module 15 pin  White  Magnesium
		TV) in a meeting room or classroom Kit includes both transmitter and receiver with link via a network cord RJ 45/RJ 45 (not supplied) Compatible with 3D video, 4K resolution, EDID passthrough and HDCP Including IR control Certified HD BaseT			Videoprojector switch Universal remote switch allowing to turn ON or place in STANDBY mode a video projector Works with all videoprojectors or TV through IR learning process Installed close to the room's lighting switches, it replaces the constructors remote and fosters the ignition and extinction of the video projector therefore
1	5 720 90	Display port sockets  Used to transmit high-definition digital audio/video streams between a source (laptop, computer, etc) and a compatible receiver (TV, videoprojector)  Preterminated socket - 1 module Equipped with cord, length 15 cm	1	5 720 89	reducing energy consumption and extending the bulb's lifetime Equipped with cord, length 15 cm
1	5 725 90	○ White ■ Magnesium			







# audio and video sockets (continued)













Support frame and plate selection charts **p. 92** 

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)

Mechanis	ms suppli	ed with rocker plates, to be equipped with support frame	es (p. 88) a	ind plates	(p. 92)
Pack	Cat.Nos	Jack sockets 3.5 mm			2 mala VI D analysta
1 1 1	5 720 91 5 725 91 5 725 59 5 725 55		Pack	Cat.Nos	3-pole XLR sockets  For the stereo connection of any peripheral, microphone, mixing console Recommended cable:  1 audio pair 0.14 to 0.5 mm² shielded  Max. cable length: 50 m (beyond this an audio amplifier is recommended)  2 modules
1 1 1 1 1	5 722 74 5 727 74 5 724 91 5 724 90 5 722 78 5 727 78	4 screw-type female 3.5 mm Jack socket 1 module  White Magnesium Champagne Soft Alu  Solder-type female 3.5 mm Jack socket 1 module  White	1 1 1 1 1	5 722 83 5 727 83 5 724 99 5 724 98 5 722 77 5 727 77	XLR female  White  Magnesium Champagne Soft Alu  XLR male  White Magnesium
1 1 1 1	5 720 92 5 725 92 5 724 79 5 724 75 5 722 72 5 727 72	Female 2 RCA sockets  Provide the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder  Preterminated - 1 module Equipped with a 15 cm cord  White  Magnesium Champagne Soft Alu  Connection on screw terminals - 1 module  White	10 10 10 10 10 10 10 10	5 722 70 5 727 70 5 726 97 5 726 96 5 722 80¹ 5 727 80¹ 5 726 99¹ 5 726 98¹	Loudspeaker sockets  4 mm² terminals  1 module  White  Magnesium Champagne Soft Alu  2 modules  White Magnesium Champagne Soft Alu
1 1 1 1 1 1 1	5 724 95 5 724 94 5 722 73 5 727 73 5 724 97 5 724 96	Female 3 RCA sockets  Provide the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder  Connection on screw terminals - 2 modules  White  Magnesium Champagne	1 1 1	5 722 84 5 727 84 5 722 76 5 727 76	Attenuators  100 V - 25 W Allow to adjust power to 25 W from a balanced 100 V loudspeaker line 2 modules  White  Magnesium  Other audio and video sockets  Female BNC 75 sockets  Provide the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc  Connection on screw terminals - 1 module  White  Magnesium





# **L**legrand

# Arteor™

### Bluetooth sound diffusion





5 741 31

5 739 82



0 673 03



Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support

frames (p.	88) and p	plates (p. 92)
Pack	Cat.Nos	Bluetooth module with built-in 230 V power
1 1 1 1	5 741 31 5 741 32 5 741 33 5 741 34	Allows music or digital radio to be played in stereo with Bluetooth technology from a smartphone, tablet or PC With ON/OFF control, volume control (+/-) manually or via smartphone, and file selection manually or via smartphone For installation in flush-mounting box depth 40 mm  White  Magnesium Champagne Soft Alu
		Loudspeakers Connect to the Bluetooth module
1	5 739 82	For flush-mounting in suspended ceiling - white  Power: 20 W (10 Wrms) - 8 Ω  Efficiency > 86 dB (1 W at 1 m)  Ø of hole: 90 mm  External dimensions: Ø 100 mm
1	0 673 03	For wall mounting - anthracite  Power: 12 W (6 Wrms) - 8 $\Omega$ Efficiency > 86 dB (1 W at 1 m)  External dimensions: 127 x 127 mm  For installation in flush-mounting box depth 50 mm Cat.No 0 893 79 for dry partitions or

Cat.No 0 892 79 for masonry

# Arteor™

### Bluetooth sound diffusion

# Installation principle

Mobile access to digital radio and downloaded music Quick pairing and convenience Ideal for kitchens, bedrooms and bathrooms

Frees up your work surfaces and shelves instead of using portable speakers and their voluminous cables

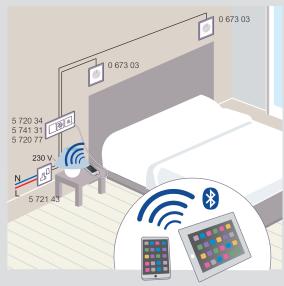
### With loudspeakers in false ceiling Cat.No 5 739 82

• Bedhead unit with switch + Bluetooth + USB charger



# With wall-mounted loudspeakers Cat.No 0 673 03

• Bedhead unit with switch + Bluetooth + USB charger



## Flush-mounted loudspeakers

High-quality sound with 8 Ω speakers
Quick pairing with Bluetooth
No visible wiring



• Can be flush-mounted in 60 mm suspended ceiling





# NUVO®

# HIGH QUALITY DIGITAL MUSIC IN EVERY ROOM



Simplicity, Quality & Installation flexibility

Listen to your digital music from any source and in any room. NUVO is an intelligent system, specifically designed to stream music in digital format in any room in your home. Made up of several audio Hi-Fi components, it connects via

Wi-Fi or via a cable to your home LAN network. Using a dedicated free app on your smartphone or tablet, you can access music libraries in your local network or on the best online music streaming services.

# **la legrand**

# Arteor™

# international support frames





Pack	Cat.Nos	Support frames for BS type boxes 60.3 mm fixing centres
		Screw mounting (screws supplied)  For 1 gang box
10	5 760 03	Square - for 1 or 2 modules
5	5 760 01	Square - for 3 modules
10	5 760 02	Rectangular - for 3 modules
10	5 760 00	Rectangular - for 2 x 2 modules
		Support frames for South African type boxes 83.5 mm fixing centres
10	5 760 30	Screw mounting  For 2" x 4" boxes  For 2 modules (electronic functions except 2-module mechanisms to be mounted on 3-module support frame)
10	5 760 40	For 1 to 3 modules
5	5 760 31	For 4" x 4" boxes For 2, 3 and 4 modules
5	5 760 32	For 2 x 3 modules

Pack	Cat.Nos	Support frame for Italian type boxes
10	5 760 40	Screw mounting For 1 to 3 modules



### ancillary mechanisms

# Arteor™

### blanking cover plates





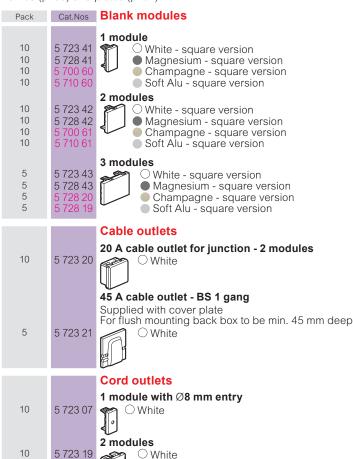




5 728 41

Support frame and plate selection charts p. 92

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92)

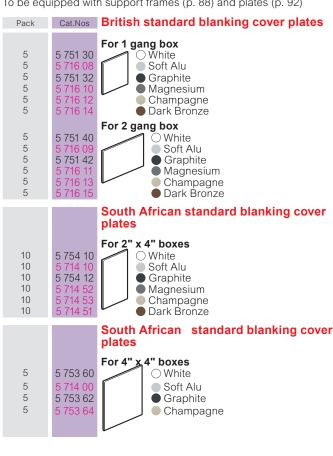






Support frame and plate selection charts p. 92

To be equipped with support frames (p. 88) and plates (p. 92)



# **La legrand**

# Arteor™

# mounting supports, special plates and mounting boxes















# Support frame and plate selection charts **p. 92**

Pack	Cat.Nos	Panel mounting supports
10	5 760 15	For 1 to 3 mm thick panels For 1 module Clips into a 28 x 53.5 mm aperture
10	5 760 16	For 2 modules Clips into a 58 x 53.5 mm aperture
10	5 760 13	Modular support  For mounting 2-module mechanisms on symetrical rail
		Dedicated plates for trunking
10	5 754 50	1-gang plate 2 modules (supplied with support frame)
5	5 754 60	2-gang plate 2 x 2 modules (supplied with support frame)
10	5 754 70	White plate for 1-gang 13 A switched socket
5	5 754 80	White plate for 2-gang 13 A switched socket
		IP 44 plate
5	5 751 90	For British and German standards For mounting in 1-gang box Support frame supplied

Pack	Cat.Nos	Flush-mounting boxes
1 1 1	6 890 38 6 890 28	For British standard 6 and 8-module plates and frames For 6 modules 211.4 x 75.7 x 50.8 mm For 8 modules 231 x 75.7 x 50.8 mm For 2 x 6 modules 212 x 143 x 42 mm For 3 x 6 modules 212 x 212 x 42 mm
10	5 723 90	For British, German and French standard For 2 modules - 1 gang 38 mm depth
25	5 723 92	For 4 modules 2 x 2 modules - 2 gang 48 mm depth (suitable for shaver sockets)
2	5 723 96	For 2 x 6 modules 38 mm depth



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# ARTEOR™

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Transform living spaces with Arteor, the beautiful and functional range of wiring devices. It's up to you what marvellous feat you can accomplish with this collection of masterpieces.





# **Arteor™ British standard plate selection charts**

60.3 mm fixing centres - flush-mounting boxes, support frames and plates

	Flush-			PLATES							
Number of	Eluch					Ne	utral				
modules per mechanism	mounting boxes	Support frames	Plates	White	Soft Alu	Graphite	Magnesium	Champagne	Dark Bronze		
SQUARE VERSION						<u> </u>	: <u> </u>		: <u></u>		
1 module		5 760 03		5 752 00	5 713 01	5 752 02	5 713 11	5 713 21	5 713 31		
2 modules	1 gang	5 760 03 5 760 01 <sup>(1)</sup>		5 752 10	5 713 02	5 752 12	5 713 12	5 713 22	5 713 32		
3 modules - 1 gang	1 gang	5 760 01		5 751 60	5 713 03	5 751 62	5 713 13	5 713 23	5 713 33		
3 modules and shaver sockets	2 gang	5 760 02		5 750 70	5 713 05	5 750 72	5 713 15	5 713 25	5 713 35		
4 modules	2 gang	5 760 00		5 750 80	5 713 04	5 750 82	5 713 14	5 713 24	5 713 34		
6 modules	6 890 36	Supplied with support frame		5 753 70	5 713 06	5 753 72	5 713 16	5 713 26	5 713 36		
8 modules	6 890 38	Supplied with support frame		5 767 00	5 713 08	5 767 02	5 713 18	5 713 28	5 713 38		
2 x 6 modules	6 890 28	Supplied with support frame		5 753 90	5 716 00	5 753 92	5 716 02	5 716 04	5 716 06		
3 x 6 modules	0 818 56	Supplied with support frame		5 754 00	5 716 01	5 754 02	5 716 03	5 716 05	5 716 07		
For 5 A/13 A switched socket outlet - 1 gang	-	Not needed		5 750 90	5 713 07	5 750 92	5 713 17	5 713 27	5 713 37		
For 13 A twin Switched socket outlet - 2 gang	-	Not needed	2020	5 751 00	5 713 09	5 751 02	5 713 19	5 713 29	5 713 39		
For 13 A fused connection unit switched	-	Not needed		5 751 20	5 713 10	5 751 22	5 713 20	5 713 30	5 713 40		
For cooker unit Cat.No 5 720 88	-	Not needed		5 751 50	-	-	-	-	-		
Blanking cover plate	1 gang	5 760 03 5 760 01		5 751 30	5 716 08	5 751 32	5 716 10	5 716 12	5 716 14		
Blanking cover plate	2 gang	5 760 02		5 751 40	5 716 09	5 751 42	5 716 11	5 716 13	5 716 15		

<sup>1:</sup> Use 5 760 01 support frame for 2 module mechanisms to be mounted on 3 module support frame (see mention in catalogue page)



PLATES  Mirror Brushed Metal Reflective Metal Wood Signature												
Mir	ror		Brushe	ed Metal		R	eflective Meta	al	Wood	Signature		
Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Black	Stainless Steel	Black	Gold	Grey Oak	Cube		
5 752 04	5 752 03	5 752 06	5 761 00	5 713 51	5 713 41	5 713 61	5 713 81	5 713 71	5 713 91	5 714 01		
5 752 14	5 752 13	5 752 16	5 761 20	5 713 52	5 713 42	5 713 62	5 713 82	5 713 72	5 713 92	5 714 02		
5 751 64	5 751 63	5 751 66	5 761 80	5 713 53	5 713 43	5 713 63	5 713 83	5 713 73	5 713 93	5 714 03		
5 750 74	5 750 73	5 750 76	5 761 60	5 713 55	5 713 45	5 713 65	5 713 85	5 713 75	5 713 95	5 714 05		
5 750 84	5 750 83	5 750 86	5 761 40	5 713 54	5 713 44	5 713 64	5 713 84	5 713 74	5 713 94	5 714 04		
5 753 74	5 753 73	5 753 76	5 763 70	5 713 56	5 713 46	5 713 66	5 713 86	5 713 76	5 713 96	5 714 06		
5 767 04	5 767 03	5 767 06	5 767 10	5 713 58	5 713 48	5 713 68	5 713 88	5 713 78	5 713 98	5 714 08		
-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-		
5 750 94	5 750 93	5 750 96	5 762 10	5 713 57	5 713 47	5 713 67	5 713 87	5 713 77	5 713 97	5 714 07		
5 751 04	5 751 03	5 751 06	5 762 00	5 713 59	5 713 49	5 713 69	5 713 89	5 713 79	5 713 99	5 714 09		
5 751 24	5 751 23	5 751 26	5 761 90	5 713 60	5 713 50	5 713 70	5 713 90	5 713 80	-	-		
-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-		



# **Arteor™ South African standards plate selection charts**

83.5 mm fixing centres - flush-mounting boxes, support frames and plates

						PLA	ATES			
Number of	Flush-	Support frames				Ne	utral			
modules per	mounting boxes		Plates	White	Soft Alu	Graphite	Magnesium	Champagne	Dark Bronze	
mechanism		numes								
SQUARE VERSION										
1 module	0 800 49	5 760 40		5 752 20	5 714 11	5 752 22	5 752 27	5 714 31	5 714 41	
2 modules	0 800 49	5 760 40		5 752 30	5 714 12	5 752 32	5 752 37	5 714 32	5 714 42	
3 modules	0 800 49	5 760 40		5 750 10	5 714 13	5 750 12	5 750 17	5 714 33	5 714 43	
Blanking cover plate	2" × 4"	5 760 40		5 754 10	5 714 10	5 754 12	5 714 52	5 714 53	5 714 51	
4 modules	0 800 42	5 760 11		5 750 30	5 714 14	5 750 32	5 750 37	5 714 34	5 714 44	
6 modules	0 800 43	5 760 12		5 750 40	5 714 15	5 750 42	5 750 47	5 714 35	5 714 45	
							•			
ARTEOR SPECIAL F	PLATES									
MyHOME screen 3.5"		Not needed		-	-	-	-	-	-	
Central unit for temperature control	Supplied with box	Not needed		-	-	-	-	-	-	



PLATES											
Mir	ror		Brushe	ed Metal		R	eflective Meta	Wood	Signature		
Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Pink Champagne Black		Stainless Steel Black		Grey Oak	Cube	
5 752 44	5 752 43	5 752 46	5 764 10	5 714 26	5 714 16	5 714 36	5 714 56	5 714 46	5 714 66	5 714 76	
5 752 54	5 752 53	5 752 56	5 764 30	5 714 27	5 714 17	5 714 37	5 714 57	5 714 47	5 714 67	5 714 77	
5 752 74	5 752 73	5 752 76	5 764 50	5 714 28	5 714 18	5 714 38	5 714 58	5 714 48	5 714 68	5 714 78	
-	-	-	-	-	-	-	-	-	-	_	
5 750 34	5 750 33	5 750 36	5 762 70	5 714 29	5 714 19	5 714 39	5 714 59	5 714 49	5 714 69	-	
5 750 44	5 750 43	5 750 46	5 762 80	5 714 30	5 714 20	5 714 40	5 714 60	5 714 50	5 714 70	-	
		: :		: :		: :			:	:	
5 764 84	5 764 83	-	-	-	-	5 764 86	-	-	-	-	
5 765 24	5 765 23	-	-	-	-	-	-	-	-	-	



# **Arteor™ South African standard plate selection charts**

83.5 mm fixing centres - flush-mounting boxes, support frames and plates

		Support frames		PLATES								
Number of	Flush- mounting boxes		Plates			Ne	utral					
modules per mechanism				White	Soft Alu	Graphite	Magnesium	Champagne	Dark Bronze			
SQUARE VERSION			1		:		:	:	::			
1 vertical module		5 760 30		5 767 20	5 714 85	5 767 22	5 714 95	5 715 05	5 715 15			
1 horizontal module	011 14 411	5 760 40		5 752 40	5 714 81	5 752 42	5 714 91	5 715 01	5 715 11			
2 modules	2" x 4" -	5 760 30 <sup>(1)</sup> 5 760 40		5 752 50	5 714 82	5 752 52	5 714 92	5 715 02	5 715 12			
3 modules		5 760 40		5 752 70	5 714 83	5 752 72	5 714 93	5 715 03	5 715 13			
2 modules		5 760 31		5 752 60	5 714 86	5 752 62	5 714 96	5 715 06	5 715 16			
3 modules	411.54.411	5 760 31		5 752 80	5 714 87	5 752 82	5 714 97	5 715 07	5 715 17			
4 modules	4" x 4"	5 760 31		5 752 90	5 714 84	5 752 92	5 714 94	5 715 04	5 715 14			
2 x 3 modules		5 760 32		5 753 00	5 714 88	5 753 02	5 714 98	5 715 08	5 715 18			
Blanking cover plate Italian / US standards	2" x 4"	5 760 40		5 754 10	5 714 10	5 754 12	5 714 52	5 714 53	5 714 51			
Blanking cover plate US standard	4" × 4"	5 760 31		5 753 60	5 714 00	5 753 62	-	5 753 54	-			

<sup>1:</sup> Only for 2 modules electronic functions



PLATES										
Mi	rror		Brushed Metal			Reflective Metal			Wood	Signature
Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Black	Stainless Steel	Black	Gold	Grey Oak	Cube
5 767 24	5 767 23	5 767 26	5 767 30	5 715 26	5 715 21	5 715 31	5 715 41	5 715 36	5 715 46	5 715 51
5 752 44	5 752 43	5 752 46	5 764 10	5 714 26	5 714 16	5 714 36	5 714 56	5 714 46	5 714 66	5 714 76
5 752 54	5 752 53	5 752 56	5 764 30	5 714 27	5 714 17	5 714 37	5 714 57	5 714 47	5 714 67	5 714 77
5 752 74	5 752 73	5 752 76	5 764 50	5 714 28	5 714 18	5 714 38	5 714 58	5 714 48	5 714 68	5 714 78
5 752 64	5 752 63	5 752 66	5 766 20	5 715 27	5 715 22	5 715 32	5 715 42	5 715 37	5 715 47	5 715 52
5 752 84	5 752 83	5 752 86	5 766 40	5 715 28	5 715 23	5 715 33	5 715 43	5 715 38	5 715 48	5 715 53
5 752 94	5 752 93	5 752 96	5 766 50	5 715 29	5 715 24	5 715 34	5 715 44	5 715 39	-	-
5 753 04	5 753 03	5 753 06	5 766 70	5 715 30	5 715 25	5 715 35	5 715 45	5 715 40	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

# **L**legrand

# Connected home

connected gateway pack

Step 1: Gateway pack

Must be ordered for any connected installation

# Connected home

### connected light switches

# Step 2: Connected products





5 742 09

for a connected home







5 742 12

5 742 43

Used to create the radio network and the Wi-Fi connection of the connected installation

Enables remote control of your home (lighting, roller blinds and electrical appliances) using a smartphone via the Home + Control App and/or voice control with a voice assistant

Must be ordered to start any connected installation

To be completed by adding individual connected products

2.4 GHz Wi-Fi connection required

Pack Cat.Nos Connected gateway pack Arteor with **Netatmo** Used to create the radio network and the Wi-Fi connection Composition:

-1 flush-mounted ZigBee/Wi-Fi gateway
Mechanisms supplied with cover plates, to be
equipped with support frames and plates

(p. 92 - 97) Allows the connection of the installation to the Wi-Fi network and enables control through the Home + Control App and voice assistants (Google Assistant, Amazon Álexa, Apple Siri)\*
Enables Home + Control service on IFTTT

Can be installed in place of an existing product Suitable for flush-mounting box min. depth 35mm

- 1 Home/Away wireless master switch with preset life scenes

Supplied with cover plate and support frame To be equipped with plates (p. 92 - 97) Used to create the radio network and to control life scenes

Life scenes can be customised in the Home +

Control App
Supplied with CR2032 3 V long-life battery for power supply and 4 removable stickers for fixing the control unit on any substrate

LED function for low battery indication



O White Magnesium Champagne

Soft Alu

Used to create your connected installation, require prior installation of a gateway pack for connected installation

Pack	Cat.Nos	Connected light switches Arteor with Netatmo
		Switch with neutral 250 W, wired, 1 module
1 1 1 1	5 742 01 5 742 20 5 742 29 5 742 11	Mechanisms supplied with cover plates, to be equipped with support frames and plates (p. 92 - 97) For local or remote control of lighting Can be controlled by one or more wireless light switches or mechanical 2-way switches Compatible with all loads Can be installed in place of an existing switch in a flush-mounting box 35 mm deep Locator and indicator LED function  White  Magnesium Champagne Soft Alu
		Switch without neutral, 5 - 300 W, with dimmer
1	5 742 02	option, wired, 2 modules  Mechanisms supplied with cover plates, to be equipped with support frames and plates (p. 92 - 97)  For local or remote control of lighting  Can be controlled by one or more wireless light switches  Compatible with all loads (dimmable LEDs strongly recommended)  Supplied with a bleeder  Dimmer mode can be activated from the Home + Control App.  Can be installed in place of an existing switch in a flush-mounting box 35 mm deep  Locator and indicator LED function
1	5 742 21	Magnesium
1	5 742 30 5 742 12	Champagne Soft Alu
		Micromodule switch with neutral, 300 W

5 742 43

### nodule switch with neutral, 300 W

Used to connect lights with a ceiling box installation

Can be controlled by one or more wireless light switches or mechanical push-buttons Paired by tapping the wireless control on the micromodule

<sup>\*</sup> Availability of voice assistants to be checked in your country



# Connected home

### connected outlets

# Step 2: Connected products



**5** 742 00 + 5 721 32 + 5 721 37 + 5 753 00



Used to complete your connected installation, require prior installation of a gateway pack for connected installation

Pack	Cat.Nos	Connected socket outlet module Arteor with Netatmo - 16A - 230VA - 3680 W, 1 module
		Mechanisms supplied with cover plates, to be equipped with support frames and plates (p. 92 - 97) Allows to create a connected socket outlet for integration into the connected installation To be wired to a traditional socket outlet The connected socket outlet can be paired with one or more wireless light switches Connected socket outlets allow to - remotely control electrical appliances - measure instantaneous power - monitor daily and monthly consumption - send notifications in case of abnormal use (overconsumption etc.) Can be installed in place of an existing socket outlet in a flush-mounting box 40 mm min. depth
1	5 742 00	Indicator LED function  O White
1 1 1	5 742 28 5 742 37 5 742 19	Magnesium Champagne Soft Alu

# **Energy module for 2 rail mounting**

4 120 15



Measures the instantaneous and cumulative global electrical consumption of a single phase installation (63A maxi)
Sends a notification in case of reaching a configurable limit in the Home + Control App.

Delivered with 1 coil 1 module

# **Connected home**

# connected curtain/roller blind switches

# **Step 2: Connected products**



5 742 04

Used to complete your connected installation, require prior installation of a gateway pack for connected installation

Pack	Cat.Nos	Connected curtain/roller blind switch Arteor with Netatmo
1 1 1 1	5 742 04 5 742 22 5 742 31 5 742 13	Mechanisms supplied with cover plates, to be equipped with support frames and plates (p. 92 - 97) For local and remote control of a 230 VA roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds Can be paired with one or more roller blind wireless switches Can be installed in place of an existing roller blind switch in a flush-mounting box 35 mm deep 1 module - with neutral  White  Magnesium Champagne Soft Alu
		Connected curtain/roller blind micromodule
1	0 676 97 <b>APRIL</b>	For local and remote control of a 230 VA roller blind (raise/lower/stop functions and



level management)

Can be paired with one or more roller blind

wireless switches

To be installed in the ceiling box or roller blind box to connect a new or existing roller blind



# Connected home

### connected wireless controls

# Step 2: Connected products







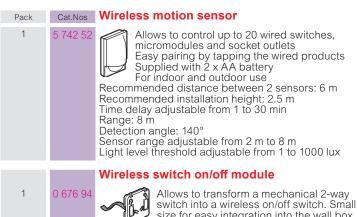
5 742 52

5 742 05 5 742 47

Used to complete your connected installation. Require a prior connected installation including a gateway pack

# Wireless light switch - 1-gang Arteor with Netatmo Supplied with cover plate and support frame To be equipped with plates (p. 92 - 97) Used to add an extra lighting control Easy pairing by tapping the wired product Controls up to 20 wired products: switches, micromodules, socket outlets Supplied with CR2032 3 V long-life battery for power supply and 4 removable stickers for fixing the control unit on any substrate. LED function for low battery indication 1 5 742 23 1 5 742 32 1 5 742 14 Wireless light switches - 2-gang

# Wireless light switches - 2-gang Supplied with cover plate and support frame To be equipped with plates (p. 92 - 97) Used to add an extra lighting control Easy pairing by tapping the wired product Controls up to 2 x 20 wired products: switches, micromodules, socket outlets Supplied with CR2032 3 V long-life battery for power supply and 4 removable stickers for fixing the control unit on any substrate LED function for low battery indication 1 5742 44 1 5742 46 1 5742 47 1 Solution Sol



Allows to transform a mechanical 2-way switch into a wireless on/off switch. Smal size for easy integration into the wall box To be paired with one connected switch, micro-module, socket outlet
Supplied with CR2032 3V long-life battery for power supply



# Connected home

### connected wireless scene switches

# Step 2: Connected products







5 742 15

5 742 08

Pack Cat.Nos Home/Away wireless master switch Arteor

with Netatmo Supplied with cover plate and support frame To be equipped with plates (p. 92 - 97) Used to add an extra Home/Away wireless master switch Works in the same way as the Home/Away wireless master switch included in the gateway pack Home/Away life scenes can be customised in the Home + Control App.
Supplied with CR2032 3 V long-life battery for power supply and 4 removable stickers for fixing the control unit on any substrate
LED function for low battery indication

White

5 742 06 5 742 24 Magnesium Champagne Soft Alu

Wake up/Sleep wireless switch Arteor with

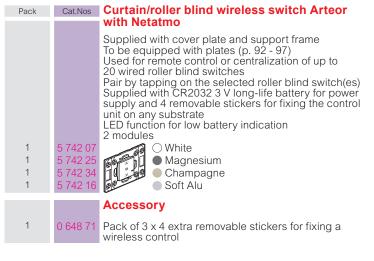
Supplied with cover plate and support frame To be equipped with plates (p. 92 - 97) Used to add 2 extra scenes to a connected installation

Preset Wake up/Sleep life scenes which can be customised in the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply and 4 removable stickers for fixing the control unit on any substrate

LED function for low battery indication

White

Magnesium Champagne Soft Alu



# **La legrand**

# MyHOME\_Up

# BUS home system management







0 672 59

BT3488W

BTMYHOMESERVER1

Pack	Cat.Nos	Home Touch 7"
1 1	0 672 59 BT3488W	HOME Touch  Connected 2 wire handsfree video internal unit integrated with MyHOME_Up system Allows to: - manage video door entry functions and connect Door Entry app (available for Android and iOS) - visualize the status and control MyHOME_Up system and integrated functions (light, automation, temperature, scenarios,Nuvo,) Flush mounting installation using the dedicated box ref. BT3487 Installation also possible in wall-mounting existing boxes Does not require dedicated configuration tools  Black  White
1	BT3487 BT3487AP	HOMETOUCH accessories Flush-mounting box for 7" touch screen Cat.No 0 672 59 Plasterboard bracket

		Catawaya
Pack	Cat.Nos	Gateways
1	BTMYHOMESERVER1	Server To associate devices during the system starting-up and for the local and remote management of the functions by the user with the specific MyHOME_Up application for Android and iOS smartphones or tablets
1	BTMHSERVERKIT	Kit Containing MYHOMESERVER1 and AccessPoint for communication between the MyHOME_Up system to which it is connected, and a smartphone or tablet where the MyHome_Up App is installed
		Other devices
1	F450	Open/Bacnet Gateway Interface for the remote control with Touch Screen of devices Bacnet as Fancoil units, AC units, ATU, VAV units floor heating
1	F459	Driver manager Integration platform with other brand systems 6 DIN modules 17.5 mm Contact the agency to check the feasibility of specific integrations and to request the licence needed to use the Driver manager



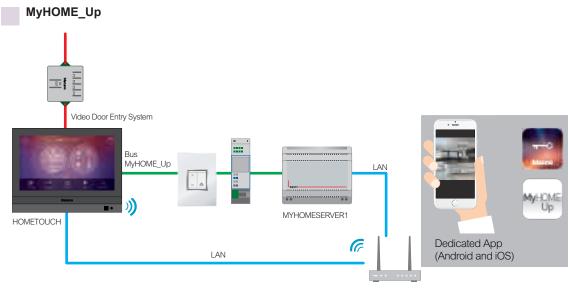






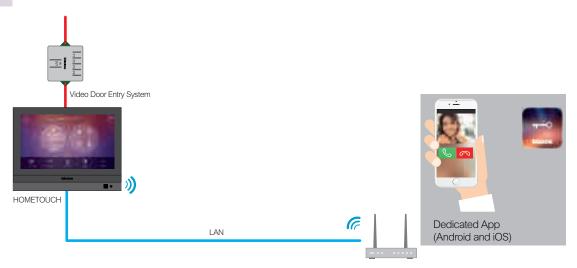
# MyHOME\_Up

# BUS home system management



HOMETOUCH can be used as an internal unit for Video Door Entry System and touch screen for the MyHOME\_Up system Nota: HOMETOUCH connection to network can be done via LAN or via WiFi

# **HOMETOUCH** as only Video Door Entry system internal unit



HOMETOUCH can be used also just as a Video Door Entry System internal unit

- + answering a call, opening gates and doors, activation of cameras, communication with other panels
- + connection with a dedicated app (Android and iOS)

Nota: HOMETOUCH connection to network can be done via LAN or via WiFi

# **L**legrand

# MyHOME\_Up

# BUS flush-mounting control mechanisms







0 675 58 + key covers 5 745 74 + 5 744 93 + plate Soft Alu 5 714 82



Key covers selection charts p. 106

Pack	Cat.Nos	For lighting and shutter control
		For controlling a controller (eg: lighting, shutters or lighting + shutters) depending on the selected configuration Used to manage groups of functions and centralize them (scenario switch type) To be installed in flush-mounting boxes
1	0 675 52	For controlling 1 or 2 controllers 2 modules To be equipped with key covers (p. 106) support frames and plates (p. 92 - 97)
		For controlling up to 3 controllers
1	0 675 54	3 modules To be equipped with key covers (p. 106) support frames and plates (p. 92 - 97)
		For multi-functions control
		For controlling 1 or 2 controllers (eg: ON/OFF, shutters, scenario control) door release control, dimming: gradual switching on or off depending on the selected configuration To be installed in flush-mounting boxes
		For controlling up to 4 scenarios
1	0 675 53	2 modules To be equipped with key covers (p. 106) support frames and plates (p. 92 - 97)
		For advanced shutter Point-point, room, group, and general control of the motor controlled rolling shutters, to be used in conjunction with actuators Cat.Nos F401 (p. 108) or 0 675 57. Stop, up, down function Possibility of blade angle adjustment Recall of a previously saved opening/closing position. Recording of the opening/closing position on the control using self-learning procedure
1	0 675 58	2 modules To be equipped with key covers (p. 106): shutter STOP marking and up/down symbol, support frame and plate (p. 92 - 97)

Pack	Cat.Nos	Flush-mounting controller with built-in control for lighting and shutter
1	0 675 61	Actuator with 2 independent relays and 3 wires (with neutral) with built-in controls For single or double loads Used to connect a motor or 2 lighting circuits: 6 A incandescent/halogen lamps 2 A for motors, 2 A for ferromagnetic transformers and electronic transformer Compact fluorescent and LED: 1 A Logic relay interlocking by configuration The device can also be configured to manage a remote actuator, present on the BUS 2 modules To be equipped with key covers (p. 106) support frames and plates (p. 92 - 97)
1	0 675 57	Flush-mounting controller with built-in control for advanced shutter  Max. motor power: 460 W, 230 VA  Motors controlled by interlocking relays or by sending pulses Position status feedback: closed, open, intermediate position Controlled according to different commands: up, down or % opening Logic relay interlocking. Stop, up, down function Possibility of blade angle adjustment Recall of a previously saved opening/closing position. Recording of the opening/closing position on the control using self-learning procedure  2 modules To be equipped with key covers (p. 106): shutter STOP marking and up/down symbol, support frame and plate (p. 92 - 97)



# MyHOME\_Up

# **BUS** touch screens





5 739 07

5 739 12

Supplied complete, equipped with white or black touch plates

# 

# MyHOME\_Up

### **BUS** scenario controllers







0 675 92 + plate Mirror Black 5 752 53

Key covers selection charts p. 106

Pack	Cat.Nos	Scenario controllers
1 1	5 745 03 5 745 04	For controlling a number of controllers and managing 4 scenarios Supplied complete with scenario identification label Equipped with cover plates 2 modules To be equipped with support frames and plates (p. 92 - 97)
1	0 675 92	8 push-buttons control For lighting, automation, sound diffusion and scenario functions To be equipped with support frame and plates (p. 92 - 97) 2 modules  A5 sheets For the customisation of the symbols of Cat.No 0 675 92
1 1		○ White ■ Magnesium



# MyHOME\_Up

# BUS key cover selection charts











5 744 79

5 744 69



5 744 80

Compatible with all Arteor control mechanisms (p. 104)

		Number of	SQUARE VERSION			
Key cover description	Pack	modules		White	Magnesium •	
Regulation symbol left-hand side mounting	5	1		5 744 07	5.744.00	
Regulation symbol right-hand side mounting	5	1		5 744 87	5 744 86	
Regulation symbol	5	2		5 744 89	5 744 88	
Light symbol any side mounting	5	1	*	5 744 75	5 744 74	
Light symbol	5	2	*	5 744 77	5 744 76	
Dimmer symbol left-hand side mounting	5	1		5 744 69	5 744 68	
Dimmer symbol right-hand side mounting	5	1		5 744 69	3 744 00	
Dimmer symbol	5	2		5 744 71	5 744 70	
Up/Down symbol any side mounting	5	1		5 744 93	5 744 92	
Up/Down symbol	5	2		5 744 95	5 744 94	
GEN marking	5	2	g24	5 744 73	5 744 72	
GEN/ON/OFF marking left-hand side mounting	5	1		5 744 83	5 744 82	
GEN/ON/OFF marking right-hand side mounting	5	1		0 744 00	0 144 02	
GEN/ON/OFF marking	5	2		5 744 85	5 744 84	
ON/OFF marking left-hand side mounting	5	1		5 744 79	5 744 78	
ON/OFF marking right-hand side mounting	5	1				
ON/OFF marking	5	2		5 744 81	5 744 80	
Shutter STOP marking any side mounting	5	1		5 745 47	5 745 48	
Without marking any side mounting	5	1		5 744 65	5 744 64	
Without marking	5	2		5 744 67	5 744 66	



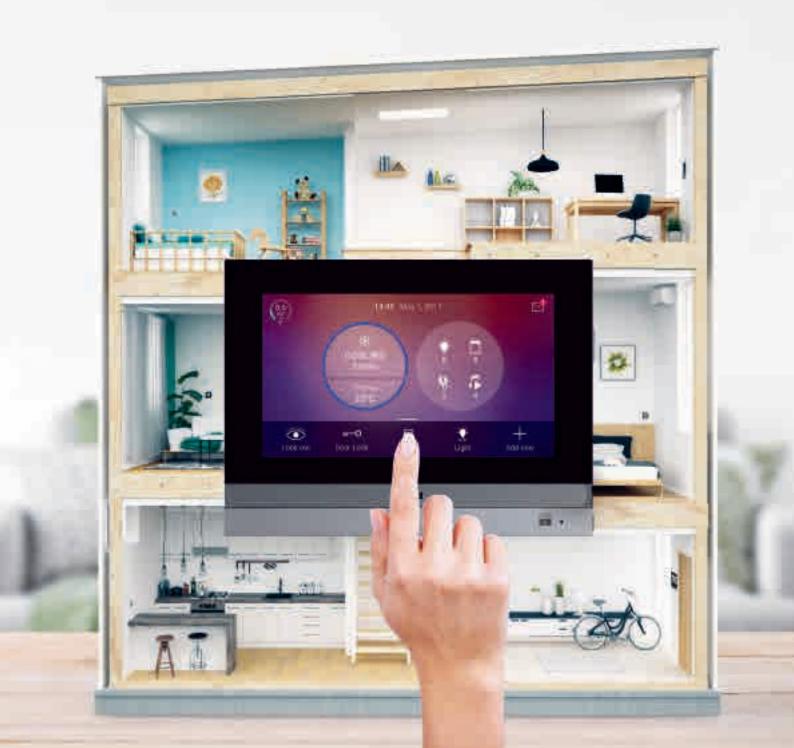
# THE FINISHING

# TOUCH

ARTEOR™ MyHOME\_Up

—— The Beautiful Simplicity of Home Automation

Put the finishing touch to your homes with the HOMETOUCH screen. Get total control of your home with just a touch.



# **Glegrand**

# MyHOME\_Up

# BUS modular equipment for lighting control automation and shutter control







BMSW1003



Load selection charts p. 109

Pack	Cat.Nos	Multi-application DIN controllers
1 1 1	F411U2 F411/4 F411/1NC	NO contact For lighting and motors 2 DIN modules 17.5 mm 2 outputs 10 A with neutral connection 4 output 6 A - common phase Controller with 1 NO/NC relay For lighting: 16 A resistive, 10 A incandescent lamps, 4 A cos φ 0.5 for ferromagnetic transformers and 4 A for fluorescent lamps with 2 DIN modules
		DIN controllers for dimming
		For use in conjunction with loads and control mechanisms (p. 104) for dimming control
1	F418U2	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
1	0 026 27	or 2-300 VA / 110 V 6 outputs - 300 VA per output - 230 V - 12 DIN modules 17.5 mm - Not CE marked
1	F413N	For 1-10 V ballasts 500 VA maximum
1	BMDI1002	2 DIN modules 17.5 mm 4 outputs - 1000 VA maximum 10 DIN modules 17.5 mm
1	0 026 33	For DALI protocol Enables communication between the BUS/SCS installation and the lighting appliances controlled by DALI protocol 6 DIN modules 17.5 mm
		For incandescent, halogen 230 V, ELV halogen with electronic or ferromagnatic transformer 6 DIN modules 17.5 mm
1	F461U1	Automatic recognition of the load 1 output - 1000 W maximum
		DIN on/off lighting controllers
1	BMSW1003	For lighting (commercial sector) 4 outputs 16 A 6 DIN modules 17.5 mm
1	BMSW1005	8 outputs 16 A 10 DIN modules 17.5 mm

	Pack	Cat.Nos	2-relay controller for driving a motor
,	1	F401	Relay interlocking or pulse based motor drive Position status return: closed, open, intermediate position. Drive following different orders: up, down, or opening  Maximum motor power: 460 W, 230 VA Logic relay interlocking 2 DIN modules 17.5 mm
			RJ adaptor
	10	0 488 72	For connecting Cat.Nos BMSW1003, BMSW1005, F46IU1, BMDI1002 to the BUS Male connector
			Contact interfaces
	1 1	F428 3477	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 Basic modularity to be installed in flush-mounting box
			Basic module controller
	1	3476	For lighting: 2 A resistive or incandescent lamps and 2 A cos ø 0.5 for ferromagnetic transformers  Controller/control unit with 1 relay with an input for conventional push-button with NO contact



# MyHOME\_Up

## **BUS load selection chart**

## Actuators and dimmers max. loads at 230 V

	Cat.Nos	Installation factor	Incandescent lamp Halogen lamp	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer	Fluorescent tube lamp	Compact fluorescent lamp	LED lamps	Lamps with 0-10 V ballast	Lamps with DALI ballast	Motors
	F411U2	2 DIN	2x2300 W	2x920 VA	2x920 VA	2x920 W	2x500 W	2x500 W	-	-	1x460 W
	F411/4	2 DIN	4x460 W	4x460 VA	4x70 VA	4x70 W	4x70 W max 2 lamps	4x70 VA max 2 lamps	-	-	2x460 W
	F411/1NC	2 DIN	1x2300 W	1x920 VA	1x920 W	1x920 W	1x500 W max 10 lamps	1x500 W max 10 lamps	-	-	-
SRS	BMSW1003	6 DIN	4x3680 W	4x3680 VA	4x3680 VA	4x [10x(2x36 W)]	4x1150 VA	4x500 W	-	-	-
ACTUATO	BMSW1005	10 DIN	8x3680 W	8x3680 VA	8x3680 VA	8x [10x(2x36 W)]	8x1150 VA	8x500 W	-	-	-
•	F401	2 DIN	-	-	-	-	-	-	-	-	1x460 W
	0 675 61	2 modules	2x1380 W	2x460 VA	2x460 W	2x460 W	2x250 W	2x250 W	-	-	1x460 W
	0 675 57	2 modules	-	-	-	-	-	-	-	-	1x460 W
	3476	-	1x460W	1x460 VA	-	-	1x40 W (1 lamp)	1x40 W (1 lamp)	-	-	-
	F413N	2 DIN	-	-	-	-	-	-	1x460 W ballast type T5, T8, compact or driver for LED		
ဟ	BMDI1002	10 DIN	-	-	-	-	-	-	4x1000 VA	-	-
DIMMERS	0 026 33	6 DIN	-	-	-	-	-	-	-	8x16 ballasts	-
Ĭ.	F461U1	6 DIN	1x1000 W	1x1000 VA	1×1000 VA	-	-	-	-	-	-
_	F418U2	4 DIN	2x300 W 1x600 W	2x300 VA 1x600 VA	2x300 VA 1x600 VA	-	2x300 VA 1x600 VA	2x300 VA 1x600 VA	-	-	-
	0 026 27	12 DIN	6x300 VA	-	-	-	6x300 VA	6x300 VA	-	-	-

## Actuators and dimmers max. loads at 110 V

	Cat.Nos	Installation factor	Incandescent lamp Halogen lamp	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer	Fluorescent tube lamp	Compact fluorescent lamp	LED lamps	Lamps with 0-10 V ballast	Lamps with DALI ballast	Motors
	F411U2	2 DIN	2x1100 W	2x440 VA	2x440 VA	2x440 VA	2x 250 W	2x250 W	-	-	1x250 W
	F411/4	2 DIN	4x220 W	4x220 VA	4x35 VA	4x35 W	4x 35 W max 2 lamps	4x35 W max 2 lamps	-	-	2x220 W
	F411/1NC	2 DIN	1x1100 W	1x440 VA	1x440 W	1x440 W	1x 250 W max 5 lamps	1x250 W max 5 lamps	-	-	-
SS	BMSW1003	6 DIN	4x1760 W	4x1760 VA	4x1760 VA	4x [5x(2x36 W)]	4x 550 VA	4x250 W	-	-	-
ACTUATORS	BMSW1005	10 DIN	8x1760 W	8x1760 VA	8x1760 VA	8x [5x(2x36 W)]	8x 550 VA	8x250 W	-	-	-
	F401	2 DIN	-	-	-	-	-	-	-	-	1x220 W
	0 675 61	2 modules	2x660 W	2x220 VA	2x220 W	2x220 W	2x 110 W	2x110 W	-	-	1x250 W
	0 675 57	2 modules	-	-	-	-	-	-	-	-	1x220 W
	3476	-	1x230 W	1x230 VA	-	-	1x 20 W (1 lamp)	1x20 W (1 lamp)	-	-	-
	F413N	2 DIN	-	-	-	-	-	-	1x220 W ballast type T5, T8, compact or driver for LED		
S.	0 026 11	6 DIN	-	-	-	-	-	-	1x500 VA	-	-
DIMMERS	BMDI1002	10 DIN	-	-	-	-	-	-	4x500 VA	-	-
2	0 026 33	6 DIN	-	-	-	-	-	-	-	8x16 ballasts	-
	F461U1	6 DIN	1x500 W	1x500 VA	1x500 VA	-	-	-	-	-	-
	F418U2	4 DIN	2x150 W 1x300 W	2x150 VA 1x300 VA	2x150 VA 1x300 VA	-	2x150 VA 1x300 VA	2x150 VA 1x300 VA	-	-	-

# **la legrand**

# MyHOME\_Up

#### **BUS** sensors









5 740 48 + plate Champagne 5 715 02

Check presence and light level continuously, switch off when there is sufficient natural light Automatic switch-on/off (factory setting)
Connect to controllers by cord or RJ 45 cable or BUS/SCS cable to be fitted with RJ 45 connector Cat.No. 0 488 72

		.,	
Pack	Cat.Nos	Sensors ideal for passage areas	
1	0 488 20	PIR technology ceiling-mounting lighting management sensor, 360° Range 8 m IP 20 Optimum distance between 2 sensors: 6 m Consumption: 0.2 W on standby Fixes directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm Can be surface-mounted on ceiling using accessory Cat.No 0 488 75	
10	0 488 34	PIR technology wall/surface-mounting lighting management sensor, 180° Detection: 6 x 15 front range IP 55 Consumption: 0.5 W on standby For direct surface-mounting on wall Can be mounted on an angle using accessory Cat.No 0 489 71	
1	0 488 22	Sensors ideal for working areas  Dual technology ceiling-mounting lighting management sensors, 360°  Infrared and ultrasonic detection, range Ø 8m Recommended fixing height: 2.5 m IP 20  Optimum distance between 2 sensors: 6 m Consumption: 0.5 W on standby Fixes directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm Can be surface-mounted on ceiling using accessory Cat.No 0 488 75	
1	0 488 75	<b>Surface-mounting boxes</b> For ceiling-mounting sensors. Cat.Nos 0 488 04/06/07/09/17/20 and 0 489 18/19/35/36	
1	0 489 71	<b>Fixing accessories for angled installations</b> For surface-mounting sensors Cat.Nos 0 488 34 and 0 489 14/16/17/18/20	

	Pack	Cat.Nos	Arteor 180° motion sensors
n	1	5 740 46	Automatic sensors with passive IR presence sensor and light sensor Range 8 m for an installation height of 1.2 m Time delay before switch-off and adjustable light level 2 modules IP 41 Consumption 0.3 W on standby PIR motion sensor To be equipped with support frame and plate (p. 92-97)  White
	1	5 740 96	● Magnesium
			Arteor 180° dual technology presence sensor
1			Automatic sensors with integrated push-button Dual technology passive IR and ultrasonic presence sensor Light sensor Range 8 m for an installation height of 1.2 m Time delay before switch-off and adjustable light level 2 modules IP 41 Consumption 0.5 W on standby Dual technology presence sensor
			To be equipped with support frame and plate (p. 92-97)
	1	5 740 48	(White
	1	5 740 98	● Magnesium



## MyHOME Up

#### **BUS** energy management









3522N

Cat.Nos Consumption indicators 3522N

Pulse counter interface

Used to store data from a pulse counter (water, colorimetry, heat or gas)
In countries subject to the ATEX Directive it's mandatory to use a zener barrier/galvanic

insulation barrier between the pulse counter interface and the gas meter

The barrier must comply with the ATEX directive and must be installed outside the ATEX zone Install one pulse counter interface per meter to measure the consumption individually Consumption data stored hour by hour, and kept for several years (12 years)
Display can be in the form of histograms or

#### Consumption indicator for 3 circuits

F520

3523

statistical data

For single phase installations Supplied with a toroid and its link Each toroid can monitor one circuit The consumption indicator can take up to 3 toroids, for monitoring 3 separate circuits

Several consumption indicators can be installed to monitor more than 3 circuits on the installation. Instantaneous and cumulative display of the consumption for each circuit and display of consumption on touch screens

Display can be in the form of histograms or statistical data

Consumption data can be stored for 1 year, hour by hour, 2 years day by day or 12 years month by month

#### Additional toroid

Operates with consumption indicator Cat.No 0 035 55 Also operates with controller Cat.No F522

for load diagnostics 90 A max. Cable cross-section 25 mm<sup>2</sup> max.

#### Connectors

10 3508BUS 10 3508U2 10 3508U3

Spare parts for consumption indicator Cat.No F520 and controllers Cat. Nos F521, F523 and F522

BUS connector, depth 3.81 mm

2-pole connector 3-pole connector F521 F523 F522

#### Pack Cat.Nos Load and load shedding management

# Central control unit



Used to define an energy threshold and manage load shedding priorities set on controllers to avoid unwanted interruptions as a result of exceeding the energy contract

Manages up to 63 controllers The max. authorised power threshold can be

defined The settings can be activated/deactivated from the

touch screen Instantaneous and cumulative display of circuit consumption on the touch screen

Integrated memory module
For installation in the consumer unit
1 DIN module 17.5 mm

#### 16 A controller



Used to define a priority level for a circuit in the context of a load shedding function For installation in the consumer unit 1 DIN module 17.5 mm

Can be used as an electronic control box controller and/or an energy management controller

## 16 A controller with consumption measurement



Used to define a priority level for a circuit in the context of a load shedding function For installation in the consumer unit 1 DIN module 17.5 mm

Can be used as an electronic control box controller and/or an energy management controller Measures the consumption of the load being controlled and displays instantaneous and cumulative consumption with separate reset Diagnostics of the load being controlled with use of toroid Cat.No 3523

# **la legrand**

## MyHOME Up

#### **BUS** temperature control







BT3454

## Pack Cat.Nos Arteor display thermostats Flush mounting thermostat with backlit display Can be used to control the temperature of an individual zone Features a temperature probe and an input for connecting a contact line (e.g. 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 2 modules To be equipped with support frame and plates (p. 92-97) 0 674 59 **Temperature probe** Temperature interface with input for external sensors. Can work as master and slave probe BT3454 Compatible with external temperature sensors Cat. No BT3457 and Vantage VT-FLUSHSENSOR DIN rail actuators 100/240 VA - 50/60 Hz Actuator with 2 independent relays F430/2 For single and double loads: 6 A resistive, 3 A motorised valves and pumps 2 DIN modules 17.5 mm Actuator with 4 independent relays F430/4 For single, double or mixed loads: 6 A resistive, 3 A motorised valves, pumps and fan-coils 2 DIN modules 17.5 mm DIN actuators for the control of ON/OFF valves, motorised valves, pumps and fan coils with 0-10V 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 F430R8 4 A resistive, 1 A motorised valves, pumps and fan 4 DIN modules 17.5 mm 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 F430R3V10

valves

F430V10

4 A resistive, 1 A fan coils
4 DIN modules 17.5 mm

Actuator with 2 x 0-10 Volt outputs for the control of 0-10 V proportional valves
2 DIN modules 17.5 mm

## MyHOME\_Up

#### **BUS** common accessories







F46ADCN

Load selection charts **p. 109** 

[D] Loa	ad selection charts	p. 109
Pack	Cat.Nos	BUS power supplies
		27 V= - 1.2 A
1 1	E46ADCN E46ADCN/127	Maximum consumption: 300 mA Maximum current supplied: 1.2 A 8 DIN modules 17.5 mm Input voltage: 230 VA - output voltage 27 V= Input voltage: 127 VA - output voltage 27 V=
		27 V= - 0.6 A
1	E49	Maximum current supplied: 0.6 A 2 DIN modules 17.5 mm Input voltage: 230 VA - output voltage 27 V=
1	346020	Additional power supply Provides power for Webserver 2 DIN modules 17.5 mm
		BUS/SCS cables
1 1 1	L4669 L4669/500 L4669KM1	Conform to IEC 45-5 and IEC 20-20 Grey Length 100 m Length 500 m Length 1000 m Supplied on wooden reels
10	3515	BUS spare clamp Used to connect the various system components (controls, dimmers, etc) to the BUS line Male connector
		USB cable
1	3559	Programming cable
		Additional DIN devices
1	F425	Memory module for actuators Restore the last state of an actuator in case of a power failure 2 DIN modules 17.5 mm
1	F422	SCS-SCS gateway (extension) Allows the extension of the installation or the integration between different functions Suitable for larger installations 2 DIN modules 17.5 mm



## Other devices MyHOME™









These products cannot be used to configurate MyHOME\_Up

Pack	Cat.Nos	Plug-in jumpers
		Jumpers Used to associate an address with the different system components
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3501/0 3501/1 3501/2 3501/3 3501/4 3501/5 3501/6 3501/7 3501/9 3501/GEN 3501/GR 3501/AMB 3501/AMB 3501/ON 3501/OFF 3501/ON 3501/OFF 3501/OI 3501/CEN 3501/T 3501/T 3501/T 3501/TM	allierent system components  0  1  2  3  4  5  6  7  8  9  GEN  GR  AMB  AUX  ON  OFF  O/I  PUL  SLA  CEN  ↑↓  NM  Kit with: AUX, GEN, GR, AMB, ON, OFF, O/I, PUL, SLA,CEN, ↑, ↑↓M (10 pieces of each figure)  Kit with «0 to 9» jumpers (10 of each
1	3502	number)  Plier  Plier for plug-in jumpers
1	5 739 18 5 739 19	Central units for temperature control  Equipped with square version keypad cover plates To be equipped with special plates (p. 94-95)  Supplied with flush-mounting box and 7.2 V battery Cat.No 3506 Can manage up to 99 zones  White  Magnesium
1	3550	Central unit for temperature control  Central unit for the management of a temperature control system with up to 99 zones - the product also includes the TiThermo Basic software for programming from PC - wall mounted installation or in MULTIBOX enclosures
		Battery for temperature control central unit

7.2 V battery for central unit

3506

#### Pack Cat.Nos Local management MyHOME screen 3.5" 5 739 58 3.5" colour touch screen for the management of light functions, automation, burglar alarm, temperature control, sound system, scenarios and energy management Equipped with front panel USB connector for setup and ready for Open Webnet programming language To be installed in flush-mounting box Cat.Nos 0 892 79 or 0 893 79 Equipped with surround, to be equipped with special plates (p. 94-95) MyHOME screen 10" 10" LCD capacitive touch screen used for: - management of MyHOME, Nuvo and video door entry system - management of multimedia contents (Ethernet, USB, SD card) - management of customised profiles Navigation by rooms Possibility of customizing background images Wall-mounting installation Supplied complete with plates Requires power supply unit Cat.No 3 460 20 0 672 19 O White 0 672 28 Black Remote management Web server gateway TCP-IP Audio/video web server for the remote and local control of the system using web pages or specific software programs and apps. The device can operate as a gateway for the use of the MyHOME\_ F454 Suite software 6 DIN modules MyHOME gateway F455 Gateway device for remote and local management of the MyHOME system using specific software programs and apps Can also be used as gateway for virtual configuration of devices using MyHOME\_Suite 1 DIN module Other devices Supervision software MHVISUAL Can be used in order to tune up the system's functions through a computer, and to follow them on real time basis

Scenario programmer

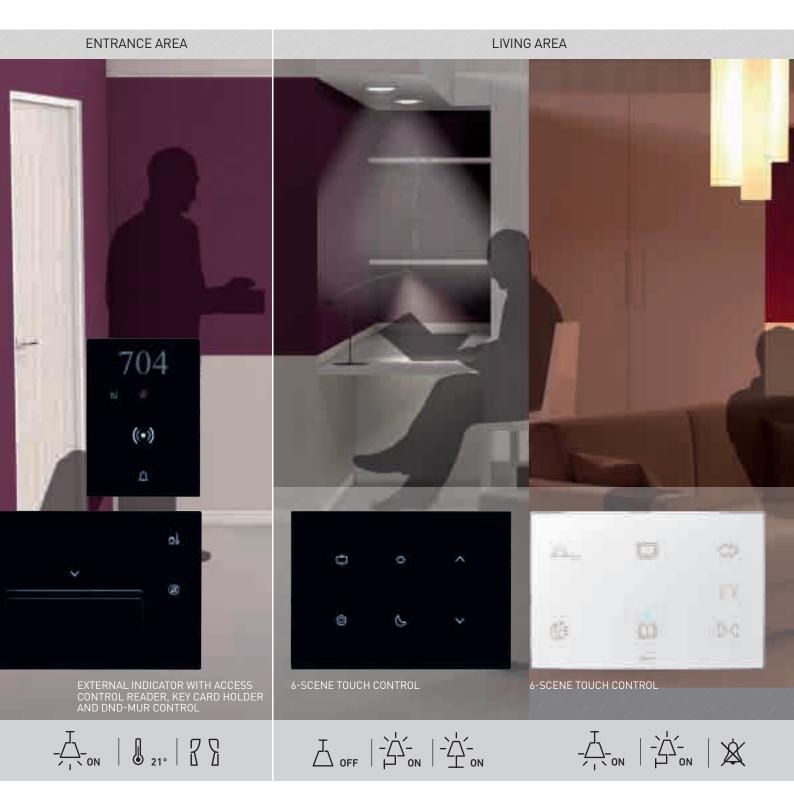
systems

MH202

Device for the execution of scenarios programmed using MyHOME\_Suite software. The scenario may be combined

with times and dates, manual activations, events generated by the

# Guest room management system







Thanks to the Legrand Guest Room Management System, different scenes can be set in each guest room for a new and unique experience.

The objective is to consistently satisfy guests' needs and expectations in their rooms. They will appreciate the ability to control the lighting, the curtains, the temperature and the fan control unit easily through the user friendly interfaces. Using Legrand multimedia connectivity solutions, your guests will be able to connect and use their high-tech equipment in their rooms.





> Arteor version (p. 116)

# **L**legrand

# **Hotel equipment**

#### **Arteor BUS**



5 740 89



0 675 92 + plate Mirror Black 5 752 53



0 674 59 + Brushed Pink Champagne 5 714 27



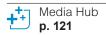
5 739 07



Support frame and plate selection charts p. 92-97

Pack	Cat.Nos	Touch control scenario controllers
1	5 740 89 5 745 89	4-scene touch control - 4 scenarios "wake up / sleep / TV / relax" scenarios - 2 modules Touch control plates, supplied complete, to be installed in BS flush-mounting boxes  ○ White ■ Black
		Scenario controller
1	0 675 92	8 push-buttons control for lighting, automation, sound diffusion and scenario functions For controlling a number of controllers and managing 4 scenarios  4 scenarios  2 modules Equipped with cover plates Supplied complete with scenario identification label To be equipped with support frame and plates (p. 92 - 97)
		Accessories
1		A5 sheets For the customisation of the symbols of Cat.No 0 675 92  ○ White  ■ Magnesium

Pack	Cat.Nos	Multi-functions touch control mechanisms
		For controlling 1 or 2 controllers (eg: ON/OFF, shutters, scenario control) sound system, door release control, dimming: gradual switching on or off depending on the selected configuration Supplied complete, equipped with white or black touch plates  To be installed in flush-mounting boxes
		Up to 4 scenarios - 2 modules
1	5 739 04 5 739 05	○ White - for BS flush-mounting boxes ■ Black - for BS flush-mounting boxes
1	5 739 06	○ White - for 2"x 4" flush-mounting
1	5 739 07	boxes  Black - for 2"x 4" flush-mounting boxes
		Up to 6 scenarios - 3 modules
		For installation in BS, Italian or US flush-mounting boxes
1 1	5 739 12 5 739 13	○ White ■ Black
		Display thermostat
1	0 674 59	Flush mounted thermostat with backlit display. To be equipped with Arteor support frame and plates (p. 92-97) Can be used to control the temperature of an individual zone, both if a temperature central unit is and is not present. Features a temperature probe and an input for the connection of a contact line (e.g. window contact). Can be used for the management of different types of systems, and the adjustment of the fan speed when fan coils are used Possibility of automatic operation (summer/winter), with compatible systems 2 modules







## Hotel equipment

#### Arteor BUS (continued)

## Hotel equipment

#### equipment for reception, room and infrastructure





5 743 97



0 675 93 + key plate 5 743 97 + plate Mirror White 5 752 54







F458



Support frame and plate selection charts p. 92-97

Pack	Cat.Nos	Keycard switches BUS/SCS
		Equipped with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92-97) For energizing a circuit by inserting a key fob Time delay of approx. 30 sec. after card removal Lighting of the slot by LED 2 modules
1	F 700 0F	Mechanical keycard switch
1	5 722 35 5 727 35	Magnesium
		RFID keycard switch
1	5 722 36	Only works with ISO 13.56 MHz badges  O White
1	5 727 36	Magnesium
		DO NOT DISTURB - MAKE UP THE ROOM
		control indicators To be equipped with support frames (p. 88) and
		plates (p. 92-97)
1	0 675 90 0 675 91	External indicator and bell pushbutton External indicator and bell pushbutton + badge reader
		DO NOT DISTURB - MAKE UP ROOM
		mechanism to be equipped  Mechanism
1	0 675 93	2 modules
	0 010 00	To be equipped with key cover, support frames (p. 88) and plates (p. 92 - 97)
		Cover plates with DO NOT DISTURB symbol -
5	5 743 48	2 modules
5	5 743 49	Magnesium
		La familia de la la companya de la c
		Couple of cover plates with DO NOT DISTURB symbol and MAKE UP ROOM symbol
2	5 743 96	○ White

Magnesium

Pack	Cat.Nos	Reception products
		Badge - key card
5	0 675 89	Credit card shaped badge (ISO 50 x 80 mm) It uses transponder technology with frequency 13.56 MHz To be used with programmer Cat.No 348402 The badge can be customized and is sold in packs of 10
1	348402	Programmer  Desk device to be connected to the PC (at the reception) to program badges
		the reception) to program badges

		Room products
		IP scenario module
1	MH201	Manages scenarios related to hotel rooms (With basic time and logic conditions) Works as a gateway for the Configuration software
		Bacnet Room Controller Units
		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)

0 484 08 8 inputs - 10 outputs 8 DIN modules 17.5 mm 16 inputs - 16 outputs 12 DIN modules 17.5 mm 0 484 12

## Infrastructure products

To be associated with Cat.No MH201

# IP server F458

F459



To be used in systems with over 100 rooms or zones (over 100 Cat.Nos 0 035 96 6 DIN modules 17.5 mm

## **Driver manager**



Integration platform with other brand systems 6 DIN modules 17.5 mm

Contact the agency to check the feasibility of specific integrations and to request the licence needed to use the Driver manager

#### **Softwares**

Software for the monitoring of the status of the room, for the corresponding basic management and the programming of badges 3544SW For hotels with up to 20 rooms 3546SW For hotels over 20 rooms



## Hotel equipment - user interfaces BUS











0 487 77

0 487 74

0 487 72

0 487 73

Pack	Cat.Nos	Scenario controllers
		To be equipped with support frame Cat.No 0 487 79 (p. 119)
		2-scene and DO NOT DISTURB – MAKE UP ROOM activation 4 gang touch plate wake up, sleep, DO NOT
1	0 487 77	DISTURB – MAKE UP ROOM  Black
1	0 487 74	6-scene activation 6 gang touch plate wake up, sleep, TV, Master OFF, Open/close curtains  ■ Black

Pack	Cat.Nos	Bedside panel BUS/SCS
1	0 487 72	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 119)  Black
		Display thermostat
1	0 487 73	Features a temperature and humidity probe and an input for connecting a contact line (e.g. 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





## Hotel equipment - user interfaces

#### **BUS** (continued)



## Hotel equipment

#### equipment for reception, room and infrastructure











87 76 0 487	87 7	76		0 487
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Pack	Cat.Nos	Control indicators for room management
1	0 487 75	To be equipped with support frame Cat.No 0 487 79  DO NOT DISTURB – MAKE UP ROOM external indicator and bell push-button  Black
1	0 487 76	DO NOT DISTURB – MAKE UP ROOM external indicator and bell push-button + badge reader   Black
1	0 487 78	Movement detector  PIR sensor for virtual key-card function To be installed in false ceiling Ø20 mm  It detects guest presence and activates room functions
		Keycard switches BUS/SCS
1	0 487 70	DO NOT DISTURB – MAKE UP ROOM activation 2 modules To be equipped with support frame Cat.No 0 487 79  Keycard reader with badge discrimination (guest or staff)  Black Enable launching of different actions depending on guest or staff incoming  Keycard holder

Pack	Cat.Nos	Reception products
		Badge - key card
5	0 675 89	Credit card shaped badge (ISO 50 x 80 mm) It uses transponder technology with frequency 13.56 MHz To be used with programmer Cat.No 348402 The badge can be customized and is sold in packs of 10
		Programmer
1	348402	Desk device to be connected to the PC (at the reception) to program badges
		Room products
		ID a companie acceptate

		Room products	
		IP scenario module	
1	MH201	Manages scenarios related to hotel rooms (With basic time and logic conditions) Works as a gateway for the Configuration software	
		Bacnet Room Controller Units	
	N	Power modules equipped with output contacts for controlling: - different types of 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)	
1	0 484 08	8 inputs - 10 outputs 8 DIN modules 17.5 mm	
1	0 484 12	16 inputs - 16 outputs	

1	0 487 76	• Black
1	0 487 78	Movement detector  PIR sensor for virtual key-card function To be installed in false ceiling
		M20 mm lt detects guest presence and activates room functions
		Keycard switches BUS/SCS
		DO NOT DISTURB – MAKE UP ROOM activation 2 modules
		To be equipped with support frame Cat.No 0 487 79
		Keycard reader with badge discrimination (gues or staff)
1	0 487 70	Black     Enable launching of different actions depending on guest or staff incoming
		Keycard holder
1	0 487 71	Only works with ISO 13.56 MHz badges  ■ Black
		Accessories
1	0 487 79	Support frame For flush mounting in 2 and 3 modules flush- mounting boxes
1	0 487 88	Flush mounting accessory For extra-slim flush-mounting installation (e.g
		furniture) Replace use of support frame Cat.No 0 487 79

	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)
8	8 inputs - 10 outputs 8 DIN modules 17.5 mm
2	16 inputs - 16 outputs 12 DIN modules 17.5 mm
	Infrastructure products
	To be associated with Cat.No MH201

	IP server
F458	To be used in systems with over 100 rooms or zones (over 100 Cat.Nos 0 035 96 installed) 6 DIN modules 17.5 mm
	Driver manager
F459	Integration platform with other brand

Integration platform with other brand systems
6 DIN modules 17.5 mm
Contact the agency to check the feasibility of specific integrations and to request the licence needed to use the Driver manager Softwares

Softwares

Software for the monitoring of the status of the room, for the corresponding basic management and the programming of badges

3544SW
For hotels with up to 20 rooms 3546SW For hotels over 20 rooms

# **L**legrand

# **Hotel equipment**

#### **KNX** wiring devices









0 674 64 + Brushed Black 5 714 17



Support frame and plate selection charts **p. 92-97** Key covers selection chart **p. 106** 

Directly connected to the KNX BUS (supplied with KNX connectors) Programming through ETS software

0 490 31

Programming through ETS software			
Pack	Cat.Nos	Arteor KNX control mechanisms	
		For lighting control (ON/OFF, dimming, scenario), shutters and slats controls and automation control Equipped with programmable LEDs (12 colours available) to indicate the status of the loads and provide system and alarm status feedback	
1	0 675 71	Mechanism to be equipped - 4 actuation points  2 modules  To be equipped with key covers (p. 106) support frames and plates (p. 92-97)	
1	5 742 03 5 744 04	4 actuation points With label holder To be equipped with support frames and plates (p. 92-97)  White - square version  Magnesium - square version	
1	5 735 04 5 735 05	Supplied with glass plates Upon request, customization of plates possible with any other standard symbols (please contact us)  White Black	
1	5 735 12 5 735 13	Touch control mechanisms - 6 actuation points  Supplied with glass plates Upon request, customization of plates possible with any other standard symbols (please contact us)  White Black	

Pack	Cat.Nos	Room Controller Units
1	0 484 18	Power modules equipped with output contacts for controlling: - different types of 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/KNX controls, or by wired connection input terminals (switches, push-buttons, volt-free contacts). Multiphase connection and consumption measurement. 8 inputs - 10 outputs
	0.404.00	8 DIN modules 17.5 mm
1	0 484 22	16 inputs - 16 outputs 12 DIN modules 17.5 mm
		KNX thermostat
1	0 490 31	For fan coil units: 2 tubes, 2 tubes + 2 wires and 4 tubes for heating and/or air conditioning For controlling on/off valves, 3 positions and 3 speeds (fan): comfort, economy and protection with manual or automatic selection. Adjustment accuracy + 0.5 °C 2 multi-function inputs for window contacts, summer/ winter changeover, etc Backlit display Operating voltage 230 VA Supplied complete with dedicated flush-mounting box  White
		Arteor temperature control
		1,6' backlight display with 4 push-buttons

1,6' backlight display with 4 push-buttons and embedded a temperature probe Used to manage different types of heating/cooling system (FCU, heating/cooling valve, fan, electric load, ...) in combination through KNX with dedicated HVAC controller (for details see dedicated KNX brochure)

- monitoring the ambient temperature with desired unit
- -adjustment of the temperature set-point and/or fan speed
- -selection of operating mode(comfort, protection)
  To be installed in flush-mounting boxes
  2 modules



0 674 64

To be equipped with support frames and plates (p. 92-97)



## Hotel equipment

#### Arteor wiring devices







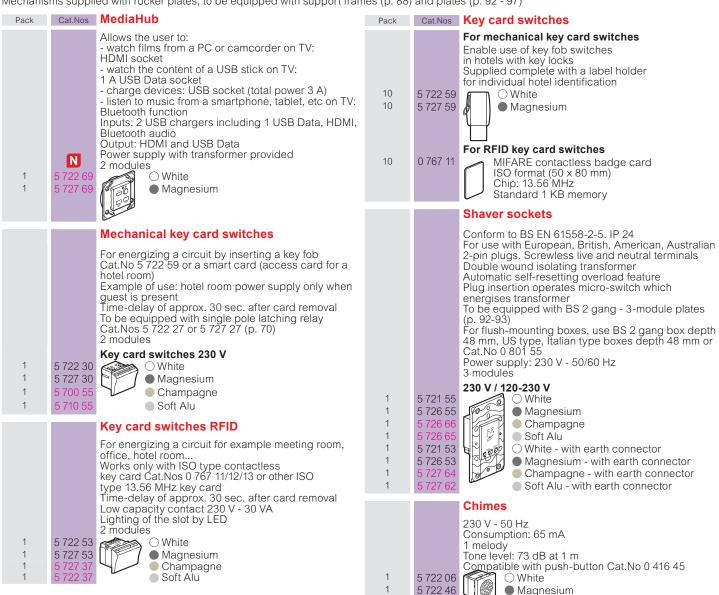






Support frame and plate selection charts p. 92 - 97

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92 - 97)



# **G**legrand

# **Hotel equipment**

## Arteor wiring devices square version













Support frame and plate selection charts p. 92-97

Mechanis	sms suppli	ed with rocker plates, to be equipped with support fram	nes (p. 88)	and plate	es (p. 92-97)
Pack	Cat.Nos	Lighting control	Pack	Cat.Nos	Hotel bedroom call indicators
10 10 10 10	5 732 84 5 737 84 5 737 89 5 737 88	<ul><li>Magnesium</li><li>Champagne</li><li>Soft Alu</li></ul> Master push-button - 2 modules			Enable the resident to inform hotel staff of the room status Two settings are possible: - Do not disturb - Please clean the room 2 x 1 module Indicator for corridor Indicator lamp and bell push Installed in the corridor, display calls
10 10 10 10	5 732 86 5 737 86 5 737 99 5 737 98		5 5 5 5	5 720 57 5 725 57 5 737 78 5 737 77	Supplied with LED  White  Magnesium Champagne Soft Alu  Internal control unit
10 5 5 5	5 732 94 5 737 94 5 737 63 5 737 62	Switch for bed lights - 2 x 1 module 2 x 2-way switch - 10 AX - 250 V±  White  Magnesium Champagne Soft Alu	5 5 5 5	5 720 54 5 725 54 5 737 82 5 737 81	Allows the user to select the desired setting Supplied with LED  O White
10 5	5 732 96 5 737 96	Push-button for bed lights - 2 x 1 module 2 x 2-way push-button - 6 A - 250 V±			
10 10 10 10	5 732 22 5 737 22 5 737 76 5 737 75	Electric roller blinds control - 250 VA  Double switch 10 A - 2 modules  For direct control of a motor (mechanism with fixed positions)  White Magnesium Champagne Soft Alu  Double push-button 10 A - 2 modules  For control via automatic box (N/O mechanism)			
10 10	5 732 24 5 737 24	○ White			
		Curtain control - 250 VA  Double switch 10 A - 2 modules  For direct control of a motor (mechanism with fixed			
10 10	5 732 34 5 737 34	positions)  White  Magnesium  Double push-button 10 A - 2 modules			
10	5 732 36	For control via automatic box (N/O mechanism)  O White			

10

Magnesium



# **Hotel equipment**

## Arteor wiring devices square version (continued)





5 722 24

5 727 57 + plate Magnesium 5 713 12



Support frame and plate selection charts **p. 92-97** 

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 88) and plates (p. 92-97)

Pack	Cat.Nos	Illuminated signs
		Mechanisms integrating LEDs and a pivoting window that can take customised labels (printed using a simple text editor on transparent printing paper) 2 modules
5 5 5 5	5 722 24 5 727 24 5 727 46 5 727 45	Green or red LEDs Sign with 2-state LEDs with choice of green or red configurable on the mechanism. Power level: 1 W  White Magnesium Champagne Soft Alu
5 5 5 5	5 722 25 5 727 22 5 727 48 5 727 47	Blue LEDs Sign with blue LEDs A choice of 2 power levels: 0.2 or 1 W  White Magnesium Champagne Soft Alu
		Buzzers
10 5	5 722 04 5 727 04	230 V - 1 module  White  Magnesium
10 10	5 722 07 5 722 47	230 V - 2 modules  White  Magnesium

Pack	Cat.Nos	Reading lights
		Fitted with maintenance-free LEDs LED colours: 3000 K (neutral white) 230 VA power supply - energy class A Screw terminals. For installation in the bedhead Offers directional lighting. Equipped with a flexible cable so the head can swivel Built-in dimmer. Consumption 3.3 W Luminous flux 110 lumen (equivalent to 15 W incandescent) Service life 40000 hours. For installation in box depth 40 mm min. 2 modules
1	5 722 57	○ White
1	5 727 57	Magnesium





# Catalogue number index

Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack
	0 030 0	00	1	<b>0 676 97</b> 0 767 11	99 121	10 10	5 700 57 5 700 58	80 81	1	5 710 92 5 710 93	75 75	1	5 720 89 5 720 90	84 84	10 10	5 721 88 5 721 89	61 61
			1	0 775 80	69	10	5 700 59 <sup>1</sup>	80	5	5 714 00	89	1	5 720 91	85	10	5 721 90	61
1	3476	108	1	0 775 99	69	10	5 700 60	89	10	5 714 10	89	1	5 720 92	85	10	5 721 91	61
1	3477	108	1	0 776 00L	69	10	5 700 61	89	10	5 714 51	89	1	5 720 94	82	10	5 721 92	61
1	3502	113	1	0 818 56	90	5	5 700 70	71	10	5 714 52	89	1	5 720 96	84	10	5 721 93	61
1	3506	113	1	0 882 30	62	10	5 700 71	74	10	5 714 53	89	1	5 720 97	84	5 5 5 5 5 5 5 1	5 721 94	70
10	3515	112	1	0 882 35	62	10	5 700 72 5 700 73	74 76	5 <b>5</b>	5 716 08 5 716 09	89	10	5 721 00	76 76	5	5 721 95 5 721 96	70
1	3523 3550	111 113	1	3501/0 3501/1	113 113	10	5 700 73	76 76	5	5 7 16 09	89 89	10	5 721 01 5 721 03	76 76	5	5 721 96	70 70
1	3559	112	1	3501/1	113	10	5 700 74	68	5	5 716 11	89	10	5 721 03	74	5	5 721 98	70
1	346020	112	1	3501/3	113	1	5 700 76 <sup>1</sup>	68		5 716 12	89	10	5 721 05	74	5	5 721 99	70
1	348402	117	1	3501/4	113	1	5 700 77	68	5 5	5 716 13	89	10	5 721 07	76	5	5 722 01	66
1	348402	119	1	3501/5	113	1	5 700 78	68	5 5	5 716 14	89	10	5 721 08	77	5	5 722 02	66
		_	1	3501/6	113	10	5 700 79	68		5 716 15	89	10	5 721 10	74	1	5 722 03	66
(	0 026 0	00	1	3501/7	113	1	5 700 80	72	10	5 718 20	76	10	5 721 11	74	10	5 722 04	123
	0.000.07	400	1	3501/8	113	1	5 700 81	72	10	5 718 27	76	10	5 721 12	76	1	5 722 06	121
1	0 026 27 0 026 33	108	1	3501/9	113	1	5 700 82	72	10	5 718 70	76 76	10	5 721 13	77	10	5 722 07	123
1	0 401 49	108 62	1	3501/AMB	113	1	5 700 83 5 700 84	73 73	10	5 718 77	76	10	5 721 14 5 721 16 <sup>1</sup>	76 74	1	5 722 13 5 722 15	63 66
1	0 401 49	117	1	3501/AUX 3501/CEN	113 113		5 700 84	75		5 720 0	10	10	5 721 10	74 74	5 1	5 722 15	66
1	0 484 08	119	1	3501/CEN	113		5 700 91	75	'	3 120 0	10	10	5 721 17	74	1	5 722 18	66
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1	0 487 70	119	1	3501/PUL	113	10	5 710 09	60	10	5 720 04	60	10	5 721 241	77	5	5 722 24	123
1	0 487 71	119	1	3501/SLA	113	10	5 710 10	60	10	5 720 05	60	1	5 721 27	72	5 5 1	5 722 25	123
1	0 487 72	118	1	3501/T	113	10	5 710 21 <sup>1</sup>	77	10	5 720 06	60	1	5 721 29	72		5 722 26	65
1	0 487 73 0 487 74	118 118	1   1	3501/TM	113	10	5 710 22 5 710 33	75 61	5	5 720 08	60	5	5 721 30	74 77	1	5 722 27	70
1	0 487 75	119	1	3501K 3501K/1	113 113	10	5 710 33	60	10	5 720 09 5 720 10	60 60	5 5 5 5 5 5	5 721 31 5 721 32	77 74	1	5 722 28 5 722 29	72 72
1	0 487 76	119	10	3508BUS	111	10	5 710 34	60	10	5 720 10	60	5	5 721 32	75	1	5 722 30	121
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1	0 487 78	119	10	3508U3	111	10	5 710 37	74	5	5 720 14	61	5	5 721 34	74	1	5 722 35	117
1	0 487 79	119	1	3522N	111	10	5 710 38	74	5 5	5 720 15	61	5	5 721 35	74	1	5 722 36	117
1	0 487 88	119	1	3544SW	117	10	5 710 39 <sup>1</sup>	74	5	5 720 16	61	10	5 721 36	75	1	5 722 37	121
1	0 488 20	110	1	3544SW	119	10	5 710 40	74	10	5 720 20 <sup>1</sup>	77	1	5 721 38	73	1	5 722 38	63
1	0 488 22	110	1	3546SW	117	10	5 710 41 <sup>1</sup>	74	10	5 720 21 <sup>1</sup>	77	1	5 721 39	73	1	5 722 39	63
10	0 488 34	110	1	3546SW	119	10	5 710 42	74	1	5 720 22	75	10	5 721 40	71	1	5 722 46	121
10	0 488 72	108	1	4 120 15	99	10	5 710 43 <sup>1</sup>	77 74	1	5 720 23	82	5	5 721 41	71	10	5 722 47	123
1	0 488 75 0 489 71	110 110		5 700 0	10	5	5 710 44 5 710 45	74 74	10	5 720 30	61	1	5 721 42	72	1	5 722 49	72
1	0 490 31	120		3 700 0	,0	5	5 710 46	74	10	5 720 31 5 720 32	61 61	10	5 721 43 5 721 44	71 71	1	5 722 53 5 722 57	121 65
1	0 490 36	66	10	5 700 00	61	5	5 710 47	74	10	5 720 32	61		5 721 44	71	1	5 722 57	123
1	0 490 37	66	10	5 700 04	60	10	5 710 48	71	10	5 720 34	60	5 5	5 721 46	71	1	5 722 58	72
20	0 500 05	76	10	5 700 05	60	5	5 710 49	71	10	5 720 35	60	5	5 721 47	71	10	5 722 59	121
10	0 502 99	77	5	5 700 08	60	10	5 710 50	78	5	5 720 36	60	10	5 721 48	75	1	5 722 62	73
1	0 517 38	84	10	5 700 09	60	10	5 710 51	78	5	5 720 37	60	5	5 721 49	71	1	5 722 63	66
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Red catalogue number: new products



Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack
10 10	5 723 14 <sup>1</sup> 5 723 15 <sup>1</sup>	80 81	10 5	5 724 84 5 724 85	68 70	10 10	5 726 05 5 726 07	74 76	1	5 727 06 5 727 07	66 66	10 5	5 728 42 5 728 43	89 89	5 5	5 730 40 5 730 41	61 61
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Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack
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## Legrand S.A

21 Spartan Crescent, Eastgate, Ext 3 Sandton, 2054

Tel: +27 11 444 7971 Fax: +27 11 444 7980

 ${\it Email: legrand.south.africa@legrand.co.za}$ 

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