## 4 legrand

Mosaic ${ }^{\text {™ }}$ mechanisms
switches


Selection chart for boxes, supports and plates p. 30-31
All two-way switches with indicator have a terminal for neutral connection and have to be equipped with an indicator


## Mosaic" ${ }^{\text {"' }}$ mechanisms

push-buttons


Selection chart for boxes, supports and plates p. 30-31

Automatic terminals, no tool required


## LTlegrand

## Mosaic ${ }^{\text {™ }}$ mechanisms

## pull-cord switches and ventilation control



## Mosaic ${ }^{\text {™ }}$ Programme mechanisms

 radio switches074685


074689
088306


Selection chart for boxes, supports and plates p. 30-31
All two-way switches with indicator have a terminal for neutral connection and must be equipped with an indicator

| Pack | Cat.Nos | Pull-cord switches |
| :---: | :---: | :---: |
|  |  | Fast connection via automatic terminals, no tool required |
|  |  | Two-way switch, 10 AX - 250 V~ $\mathbf{- 2}$ modules For controlling incandescent and halogen lamps up to 2300 W |
| 1 | 077014 | White With cord length 1.5 m | cord - 2 modules

With cord length 1.5 m

## Ventilation control

Fast connection via automatic terminals, no tool required

## Two-way switch

For direct control of controlled mechanical ventilation 10 AX - 250 V
1
0770 27L
等?
White antimicrobial ${ }^{(1)}$

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Selection chart for boxes, supports and plates $\mathbf{p} . \mathbf{3 0 - 3 1}$

## Pack <br> Centralized control unit - wireless transmitter switches

Surface-mounting or within a flush-mounting box No wiring required
Powered by 3V CR 2032 lithium batteries, supplied
包 White - single switch
Enables you:

- to control a group of Radio receiver switches
- to do a two-way switch without wiring

White - 2-gang switch
Enables you to control two radio receiver switches or two groups of Radio receiver switches

Dimmer
To White
of dim one radio dimmer receiver or a group

Dimmer receiver switch without neutral 1 circuit, 8-300 W


O White
With status LED (On/Off)
Enables you to control LED, compact fluorescent or halogen lamps as well as electronic or ferromagnetic transformers Individual control unit wired ( 230 V ) to the controlled load
Integrated radio receiver
Can be controlled by other Radio controls (dimming,
4-scenario, IR sensor...)
Power supply: 230 V~
2 modules
ON/OFF lighting module


Can be connected as close as possible to the load Avoids the need to pull a cable between the load and its control unit
Its receiver function allows it to be controlled by
1 -gang or 2 -gang wireless radio control units
(transmitters), 4-scenario controls, IR detector,
remote controls
Power supply: 230 V , phase + neutral

## Mosaic ${ }^{\text {m" }}$ mechanisms

## sensitive switch and touch switches



076666


Selection chart for boxes, supports and plates p. 30-31

Pack
Cat.Nos
Sensitive switch 10 AX
For controlling light sources by simply passing the hand close to the switch (maximum loads, see p. 8) Particularly suitable for applications in medical environments
Up to 5 sensitive switches can be combined to control the same lighting circuit
Supplied with LED indicator light
1
076666



## Mosaic ${ }^{\text {™ }}$ mechanisms

 skirting light with motion sensor

| Pack | Cat.Nos |
| :---: | :--- |
|  | Skirting light with motion sensor <br> Mechanism equipped with an infrared detection cell <br> and a LED beam <br> To be installed close to the floor (next to a socket, <br> for example) <br> When someone passes, the mechanism detects <br> movement and switches the light on <br> Ideal to illuminate a corridor at night without dazzling <br> people, or to highlight possible danger <br> Equipped with an audible signal that can be <br> deactivated (when product is used for lighting) or not <br> (so as to indicate danger) <br> Detection field: $180^{\circ}$ |
| Range: $6 m$ <br> 2 modules |  |
| 1 | 078511 |

## 17 legrand

Mosaic ${ }^{\text {"w }}$ mechanisms

## motion and presence sensors



Selection chart for boxes, supports and plates p. 30-31
All sensors are compatible with any lamp - Detection field: $120^{\circ}$. Detection range: 8 m . Recommended installation height: 1.20 m Integrated self-protection against overloads and short-circuits. 2 modules



## Pack Cat.Nos 3-wire motion sensors, with neutral (continued) <br> IR detection-400 W

Accepted power by lamp type:

- LEDs: 0 to 50 W
- Compact fluorescent: 0 to 50 W
- LEDs, CFLs, Halogen with ferromagnetic or electronic transformer: 0 to 200 VA
- fluo tubes with ferromagnetic or electronic transformer: 0 to 150 VA
- Halogen 230 V , incandescent: 0 to 400 W

Only one detector per circuit
No additional remote manual control with push button Time delay setting from 10 s to 10 min Light level threshold setting from 5 lux to 1275 lux Standby consumption: 0.55 W
078450


IR detection - IP 41 - for passageways
Time delay setting from 10 s to 10 min
Only one detector per circuit
To be installed in flush-mounting box depth 40 mm mini or surface mounting box Cat. No 080281 Light level threshold setting from 5 lux to 1275 lux Standby consumption: 0,4 W
Optimum distance between 2 sensors: 6 m Supplied complete with support and plate

White

3-wire presence sensor, with neutral
Infrared and ultrasonic double technology
Allows a precise presence detection
Checks the light level continuously and not only at the time of detection
Propose a special mode: manual switching on with integrated push-button, automatic switching off Accepted power by lamp type:

- LEDs: 0 to 250 W
- Compact fluorescent: 0 to 250 W
- LEDs, CFLs, Halogen, fluo tubes with ferromagnetic or electronic transformer: 0 to 1000 VA
- Halogen 230 V, incandescent: 0 to 2000 W

Up to 10 sensors can be connected in parallel
Additional remote manual control possible with push button
Time delay setting from 5 s to 30 min
Light level threshold setting from 5 lux to 1275 lux Standby consumption: 0.4 W
1
078452


White

Active Power Compensator

Allows 2-wire electronic switches without neutral to be compatible with all loads
(LED, fluocompact...)
Consumption : 1.8 W (0.2 W on stand-by)

## Mosaic ${ }^{\text {"M }}$ mechanisms

## dimming control



079207


078402


078404


078410

Selection chart for boxes, supports and plates p. 30-31


Allows 2-wire electronic switches without neutral to be compatible with all loads (LED, fluocompact...)
Consumption : 1.8 W (0.2 W on stand-by)



1000 W dimmer, with neutral
Used for control and dimming of the following lamp

## types:

ELV halogen with ferromagnetic or electronic ballast 100 VA to 1000 VA

- 230 V halogen 100 W to 1000 W
- Incandescent: 100 W to 1000 W

Gradually switches the light on and off
5 LEDs displaying the current level of the circuit
For installation in 2-gang flush-mounting box and mounting with 4/5-module plate


O White

Dimmer switch with neutral, for $\mathbf{0 - 1 0} \mathrm{V}$ ballast
For lamps with 0-10 V ballast, 600 VA
2 modules


Auxiliary control unit for DIN dimmer
078410


Remote control dimming peripheral for local control of a remote control dimmer, with the same easy operation as a conventional dimmer A power supply Cat. No 003680 is required for controlling DIN-rail modular remote control dimmers Cat.Nos 0 036 60/71
2 modules

## L7legrand

Mosaic ${ }^{T M}$ mechanisms
maximum loads

| Cat.Nos | or <br> Incandescent or halogen lamps | ELV halogen or compact fluorescent with ferromagnetic transformer | ELV halogen or compact fluorescent or LED with electronic transformer | Fluorescent tube with electronic or ferromagnetic transformer | LED or fluorescent load with 0-10 V ~ electronic ballast | Compact fluorescent and dimmable compact fluorescent bulb | LED and dimmable LED bulb |  | Backup heating system | Contactor |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Energy saving switches |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 077015 \\ & 079215 \end{aligned}$ | $\begin{gathered} 12 \mathrm{~W} \\ 150 \mathrm{~W} \end{gathered}$ | $\begin{aligned} & 12 \mathrm{VA} \\ & 150 \mathrm{VA} \end{aligned}$ | $\begin{gathered} 12 \mathrm{VA} \\ 150 \mathrm{VA} \end{gathered}$ | $\begin{aligned} & 12 \mathrm{VA} \\ & 100 \mathrm{VA} \end{aligned}$ | - | 12 W 50 mA <br> 60 W 650 mA | 12 W 50 mA <br> 60 W 650 mA | - | - | - |
| Radio dimmer |  |  |  |  |  |  |  |  |  |  |
| 074687 | $\begin{gathered} 7 \mathrm{~W} \\ 300 \mathrm{~W} \end{gathered}$ | $\begin{gathered} 35 \mathrm{VA} \\ 300 \mathrm{VA} \end{gathered}$ | $\begin{gathered} 10 \mathrm{VA} \\ 300 \mathrm{VA} \end{gathered}$ | $\begin{gathered} 35 \mathrm{VA} \\ 300 \mathrm{VA} \end{gathered}$ | - | $\begin{gathered} 9 \mathrm{~W}^{(2)} \\ 60 \mathrm{~W} \\ \text { (10 tamps maxi) } \end{gathered}$ | $\begin{gathered} 5 W^{(3)} \\ 60 \mathrm{~W} \\ \text { (10 lamps maxi) } \end{gathered}$ | - | - | - |
| Sensitive switch |  |  |  |  |  |  |  |  |  |  |
| 076666 | 1000 W | 500 VA | 500 VA | 500 VA | - | 500 VA | - | 100 VA | 1000 W | 1 max $\leq 2 A$ |
| Dimmer switches |  |  |  |  |  |  |  |  |  |  |
| 078402 | $\begin{gathered} 100 \mathrm{~W} \\ 1000 \mathrm{~W} \\ \hline \end{gathered}$ | $\begin{aligned} & 100 \mathrm{VA} \\ & 1000 \mathrm{VA} \\ & \hline \end{aligned}$ | $\begin{gathered} 100 \mathrm{VA} \\ 1000 \mathrm{VA} \\ \hline \end{gathered}$ | - | - | - | - | - | - | - |
| 078404 | - | - | - | - | $\begin{aligned} & \hline 40 \mathrm{VA} \\ & 600 \mathrm{VA} \\ & \hline \end{aligned}$ | - | - | - | - | - |
| 078405 | $\begin{aligned} & 40 \mathrm{~W} \\ & 600 \mathrm{~W} \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 40 \mathrm{VA} \\ & 600 \mathrm{VA} \\ & \hline \end{aligned}$ | - | - | - | - | - | - | - | - |
| $\begin{aligned} & 078407 \\ & 079207 \\ & 048870 \mathrm{~L} \end{aligned}$ | $\begin{gathered} 3 \mathrm{~W} \\ 400 \mathrm{~W} \end{gathered}$ | $\begin{gathered} 3 \mathrm{VA} \\ 400 \mathrm{VA} \end{gathered}$ | $\begin{gathered} 3 \mathrm{VA} \\ 400 \mathrm{VA} \end{gathered}$ | $\begin{gathered} 3 \mathrm{VA} \\ 200 \mathrm{VA} \end{gathered}$ | - | $\begin{gathered} 3 \mathrm{~W}^{(2)} \\ 75 \mathrm{~W} \\ \text { (10 lamps maxi) } \end{gathered}$ | $\begin{gathered} 3 W^{(3)} \\ 75 \mathrm{~W} \\ \text { (10 lamps maxi) } \end{gathered}$ | - | - | - |
| Switch sensors |  |  |  |  |  |  |  |  |  |  |
| 0488 97L | 400 W | 200 VA | 200 VA | 150 VA | - | 50 W | 50 W | - | - | - |
| 078450 | 400 W | 200 VA | 200 VA | 150 VA | - | 50 W | 50 W | - | - | - |
| 078458 079247 078459 | $\begin{gathered} 3 \mathrm{~W} \\ 250 \mathrm{~W} \end{gathered}$ | $\begin{gathered} 3 \mathrm{VA} \\ 250 \mathrm{VA} \end{gathered}$ | $\begin{gathered} 3 \mathrm{VA} \\ 250 \mathrm{VA} \end{gathered}$ | $\begin{gathered} 3 \mathrm{VA} \\ 250 \mathrm{VA} \end{gathered}$ | - | $\begin{aligned} & 3 W^{(4)} \\ & 100 \mathrm{~W} \end{aligned}$ | $\begin{aligned} & 3 W^{(4)} \\ & 100 \mathrm{~W} \end{aligned}$ | - | - | - |
| $\begin{aligned} & 078452 \\ & 078454 \\ & 079258 \\ & \hline \end{aligned}$ | 2000 W | 1000 VA | 1000 VA | $10 \times(2 \times 36 \mathrm{~W})$ | - | 250 VA | 500 VA | - | 2000 W | 1 max $\leq 2 \mathrm{~A}$ |
| Timer switch |  |  |  |  |  |  |  |  |  |  |
| 078420 | 1000 W | 400 VA | 400 VA | - | - | - | - | 250 VA | 1840 W | - |
| Programmable time switch |  |  |  |  |  |  |  |  |  |  |
| 078425 | 1200 W | 1800 VA | 2300 VA | - | - | $100 \mathrm{VA}^{(1)}$ | - | 1800 VA | - | - |
| Touch switch |  |  |  |  |  |  |  |  |  |  |
| 078709 | 1000 W | 500 VA | 500 VA | 500 VA | - | 500 VA | 500 VA | 100 VA | 1000 W | 1 max $\leq 2 \mathrm{~A}$ |

1: Does not work with dimmable compact fluorescent bulb
2: Works with dimmable CFL
4: When several sensors on the same circuit, the minimum load increases

## Mosaic ${ }^{\text {™ }}$ Programme

 colour-lighting management

078403


048860

## Mosaic ${ }^{\text {TM }}$ mechanisms

timer switch and programmable time switch


| Pack | Cat.Nos | Colour-lighting dimmers |
| :---: | :--- | :--- | :--- |
| Allow the user to create lighting ambiances |  |  |
| For (LEDs) DALI ballasts and drivers |  |  |
| For controlling max. 21 RGB (Red/Green/Blue) |  |  |
| luminaires |  |  |
| Configuration via "learn" button |  |  |
| Ideal for show-rooms, shops, restaurants, hotels, |  |  |
| beauty salons... |  |  |
| Work with power supply Cat. No 0 035 15 |  |  |
| White |  |  |

$\square$ Selection chart for boxes, supports and plates p. 30-31


## L7 legrand

Mosaic ${ }^{\text {™ }}$ mechanisms
heating and temperature regulation


## Mosaic"' mechanisms

 roller blind controls
078705

079228

Selection chart for boxes, supports and plates p. 30-31
Fast connection via automatic terminals, no tool required



## Wireless wall-mounted control

Equipped with Lithium 3 V CR 2032 batteries
Mounting accessories supplied
To be installed directly on the wall, without a flushmounting box
To control one individual roller blind radio switch or a group of individual roller blind radio switches


White

Single pole relay


Used to bring functions with low breaking capacity close to the application Resistive: 3000 W
Incandescent: 1800 W
LV halogen: 1800 W
Fluorescent: 400 VA
Motors (roller blind type): 530 W
2 modules
Multiple control relay


For controlling several roller blinds simultaneously To be mounted in flush-mounting box depth 40 mm

## Mosaic ${ }^{\text {"" }}$ mechanisms

keyswitches, emergency stop push-buttons, keycard switches, hotel bedroom indicators and shaver socket


Selection chart for boxes, supports and plates p. 30-31


## L7legrand

## Mosaic" ${ }^{\text {™ }}$ Programme

wireless power chargers


Wireless power chargers for fast charging a smartphone with a QI receiver Power supply standby mode consumption $<0.07 \%$
Conform to the QI WPC standard (Wireless Power Consortium): certified for professional Ql 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)


## Mosaic ${ }^{\text {™ }}$ Programme

## wireless power chargers

## Wireless power charging

## A Legrand innovation for fast, easy charging

Using wireless energy transfer
No need for cords and connectors

## An open international standard: $i$

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 Ql 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 Mosaic environment

With induction and 2.4 A / 12 W USB socket


## Mosaic ${ }^{\text {m" }}$ mechanisms

German standard multi-support single and multiple socket outlets

$\bigcirc$
Selection chart for boxes, supports and plates p. 30-31


## 17 legrand

Mosaic ${ }^{\text {TM }}$ mechanisms German standard multisupport single and multiple socket outlets (continued)


077274

Selection chart for boxes, supports and plates p. 30-31


Green light for socket outlets


Mosaic ${ }^{\text {TM }}$ mechanisms German standard socket outlets and data sockets for snap-on DLP trunking


RJ 45 data sockets for flexible cover snap-on trunking
Cat. 6 FTP
FTP - 9-pin, 2 RJ 45, equipped with the Soluclip accessory 3-gang

Cat. 5e FTP
FTP - 9-pin, 2 RJ 45, equipped with the Soluclip accessory 3-gang

Quick tap-off accessory

For quick, simple tap-off between 2 socket blocks for trunking Fitted with a cover


For installation with any snap-on function
Offers features such as anti-slip, anti-pullout, perfect cover finish, IP 40

## Mosaic ${ }^{\text {TM }}$ mechanisms German standard socket outlets and data sockets for snap-on DLP trunking black edition



0772 32L


## Mosaic ${ }^{T M}$ mechanisms

## international standards socket outlets



Selection chart for boxes, supports and plates p. 30-31


1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

## LTlegrand

## Mosaic ${ }^{\text {m }}$

## French standard socket outlets



Selection chart for supports and plates p. 30-31
Technical characteristics, see e-catalogue
For wall mounting in flush-mounting box or surface-mounting box depth 40 mm (recommended)
Connection from the back of the mechanism


 White


2P socket outlet
Automatic terminals


Easy-to-handle socket outlet
Equipped with a lever for easy insertion and removal of the plug. - If the lever is not used, works like a conventional $2 \mathrm{P}+\mathrm{E}$ socket 5 modules

White antimicrobial ${ }^{(1)}$

1 : Contains a silver compound to prevent the growth of bacteria on the surface of the plate

## Mosaic ${ }^{\text {™ }}$ mechanisms

French standard Mosaic Link socket outlets


Selection chart for boxes, supports and plates p. 30-31
Connection from the side
For installation in floor boxes, columns, mini-columns, desktop multi-outlet extensions, trunking and flush-mounting boxes depth 50 mm recommended



## 4 legrand

## Mosaic ${ }^{\text {™ }}$ mechanisms

## French standard Mosaic Soluclip socket outlets and data sockets for snap-on DLP trunking



## Mosaic ${ }^{\text {m" }}$ mechanisms

## USB charging sockets and Mosaic Link USB charger



Selection chart for supports and plates p. 30-31
Technical characteristics, see e-catalogue


## LTlegrand

## Mosaic"' mechanisms

voltage surge protector, replacement module, buzzers, bells, blanking plates, cable outlets and proximity MCBs


Selection chart for supports and plates p. 30-31


Protection against overvoltages of atmospheric or industrial origin, in an installation already protected by a voltage surge protector in the panel
For installation downstream of an RCBO, protects all the sockets wired in cascade with the voltage surge protector. Operation displayed by indicator light Keeps the socket energised after an overvoltage (mains or lightning strike) until replacement of module Cat.No 077541
Nominal discharge current (In): 1.5 kA
Maximum permissible current (Imax): 6 kA
Protection level (Up): L-N: 1 kV ; N-PE: 1 kV
Open circuit voltage (Uoc): 3 kV
Conform to standards EN 61643-11



Replacement module for voltage surge protector


For Cat.No 077540


Buzzers and bells
Buzzers - 2 modules
White - $8 \mathrm{~V} \sim-50 / 60 \mathrm{~Hz}$
Consumption 370 mA
Sound level 70 dB at 1 m
White - 230 V~ $-50 / 60 \mathrm{~Hz}$
Consumption 25 mA
Sound level 70 dB at 1 m
Electronic bell - $\mathbf{2}$ modules
076642


White
$12-24-48 \mathrm{~V}=$
Consumption 5-9-17 mA
Sound level 80 dB at 1 m

|  |
| :--- |
|  |
|  |
| 10 |
| 10 |
| 10 |
|  |
| 10 |
| 10 |
| 10 |
| 10 |



10

## Blanking plates

For Mosaic mechanisms
1 module
077070

$\qquad$
Alu
White antimicrobial ${ }^{(1)}$
2 modules
2770 71L
079280
0791 81L
078721


White antimicrobial ${ }^{(1)}$

## Tap-off

Equipped with 3 terminals to facilitate the 20 A tap-off

077553



O White

20 A with cable grip - $\mathbf{2}$ modules

## 2775 50L

077559 079249


White
White (pack of 50)
Alu
Matt Black
Ø8 mm wire outlet - 1 module
077552


White

Anti-extraction module
When used with a socket, avoids accidental unplugging of sensitive electrical equipment, by gripping the cord ( $\varnothing 4$ to 8 mm cords)
Can withstand an extraction force of $350 \mathrm{~N}(35 \mathrm{kgs})$
1 module - white antimicrobial ${ }^{(1)}$

## Proximity MCBs

Used for local protection of part of a circuit against overloads and short circuits
Used in addition to the main protection device
Due to its proximity to the user and its discrimination with the main protection device, the restart can be immediate 2 modules
Technical characterictics : see e-catalogue

## Single pole thermal magnetic MCB

+ Neutral 230 V ~
Can also be used as a local consumption limiter
(depending on its rating)
Breaking capacity: 3000 A - NF C 61-410 (10/16 A)
1500 A - NF C 61-410 (6 A)
White
10 A
077522
Single pole RCBOs + Neutral 230 V ~
Provides additional protection of people (premises with conductive flooring, presence of water, etc.) against direct contact with live parts or earth leakages
Type-A
White

077531
077532
077533
077534
$10 \mathrm{~A}-30 \mathrm{~mA}$ with test button
$16 A-30 m A$ with test button 10 A - 10 mA with test button 16 A - 10 mA with test button

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

## Mosaic ${ }^{\text {m" }}$ mechanisms

## RJ 45 sockets - Cat. 6A and 6


076573

076576

079476

076524

076525


Can be integrated in all supports (p. 30-31)
Contacts marked with dual colour code and wiring schemes T 568 A and T 568 B
Conform to standards ISO/IEC 11801 Ed. 3.0, amendment 2, EN 50173-1 and TIA/EIA C


## 17 legrand

## Mosaic" ${ }^{\text {™ }}$ mechanisms

RJ 45 sockets - Cat. 6


Can be integrated in all supports (p. 30-31)
Contacts marked with dual colour code and wiring schemes T 568 A and T 568 B
Conform to standards ISO/IEC 11801 Ed. 3.0, amendment 2, EN 50173-1 and TIA/EIA 568 C
Pack


076506


FTP retractable RJ 45 sockets $\mathbf{- 4} \mathbf{~ m o d u l e s ~}$
With integrated retractable cord (0.9 m)
Winds up automatically with a push-button


## FTP $90^{\circ}-2$ modules

Vertical snap-on socket for column module


Shielded STP - 1 module

## 076563 <br> 076583



White
. White antimicrobia
Shielded STP - 2 modules
$076566^{1}$


White

Shielded STP with controlled access - $\mathbf{2}$ modules Supplied with 2 keys for 5 sockets


STP $45^{\circ}-2$ modules
Vertical snap-on socket for column module
076507


Shielded STP $90^{\circ}-2$ modules
Vertical snap-on socket for column module
076593


1: Can be installed in receptacles for floor sockets

## Mosaic" ${ }^{\text {™ }}$ mechanisms



Can be integrated in all supports (p. 30-31)
Contacts marked with dual colour code and wiring schemes T 568 A and T 568 B
Conform to standards ISO/IEC 11801 Ed. 3.0, amendment 2, EN 50173-1 and TIA/EIA 568 C


## Mosaic ${ }^{\text {m" }}$ mechanisms

 rear pluggable RJ 45 sockets and switches

## Mosaic ${ }^{\text {TM }}$ mechanisms

adaptors for RJ 45 connector and optical sockets



077900

Selection chart for boxes, supports and plates $\mathbf{p} . \mathbf{3 0 - 3 1}$



## 4 legrand

## Mosaic ${ }^{\text {™ }}$ mechanisms

## telephone sockets



079238


078732


078795


078786


078794


Selection chart for boxes, supports and plates p. 30-31 Technical characteristics see e-catalogue

For DVBT, Cablecast and satellite installation
UHD TV compatible
Class A shielded star sockets LTE Ready (4G protected)
Recommended coaxial cable: 17 VATC
Star cabling ( 1 socket $=1$ cable to antenna, splitter or multiswitch). Visual
checking of the connection
Meet EN 50083 standards and European directive EM 50083-2
Low attenuation: 1.5 dB
TV: male connector ( $\varnothing 9.5 \mathrm{~mm}$ ) - 5-68 / 230-862 MHz
R: female connector ( $\varnothing 9.5 \mathrm{~mm}$ ) - 87.5-108 MHz / DAB 174-223 MHz
SAT: "F type" connector - 950-2400 MHz


## Mosaic ${ }^{\text {m" }}$ mechanisms

## Bluetooth sound diffusion and loudspeakers



067303
Support frame and plate selection charts p. 30-31

| Pack | Cat. Nos | Bluetooth sound diffusion |
| :---: | :---: | :---: |
|  |  | Allows music files or Internet Webradio reception from a smartphone or other devices via Bluettoth Loudspeakers to be wired to the bluetooth module Ideal for bathroom, kitchen or bedroom |
|  |  | Bluetooth module <br> $15 \mathrm{~V}=$ power supply <br> Stereo or mono input on a $4 / 8$ or 16 ohms loudspeaker <br> 2 modules |
| 1 | 078745 | O White |

Power supply in false ceiling
For Bluetooth module
067322


Power supply 230 V ~ Output $15 \mathrm{~V}=-3.5 \mathrm{~W}$ For use in a Plexo box Cat.No 092052

## Loudspeakers

For false ceiling
 White flush loudspeaker
Depth 27 mm
$\varnothing$ hole: 65 mm L max: 75 mm
Visible depth: 5 mm
Power: $2 \mathrm{~W} / 16$ ohms - 2"
Equipped with clips for attachment


White flush loudspeaker
Depth 57 mm
$\varnothing$ hole: 90 mm L max: 100 mm
Visible depth 7.5 mm
Power: 20 W musical - $10 \mathrm{Wrms} / 8 \Omega$
Sensitivity > $86 \mathrm{~dB}(1 \mathrm{~W} / 1 \mathrm{~m})$
Equipped with clips for attachment
For wall flush-mounting
1067303


Black flush loudspeaker
Depth 40 mm
Visible depth: 10 mm
L max: $127 \times 127 \mathrm{~mm}$
Power: 12 W musical - $6 \mathrm{Wrms} / 16 \Omega$
Sensitivity > $86 \mathrm{~dB}(1 \mathrm{~W} / 1 \mathrm{~m})$
Screw mounting for installation in flush-mounting box

## Mosaic ${ }^{\text {m" }}$ mechanisms

## Bluetooth sound diffusion and loudspeakers



## Musical enjoyment

- Mobile access to digital radio
- Mobile access to my download music
- Provides every day comfort


## Installation

- Easy to set up with Bluetooth
- Mounting multigang with all Mosaic plates


## Loudspeakers

- High quality sound with $8 \Omega$ and $16 \Omega$ loudspeakers
- Flush-mounting in false ceiling or wall-mounting



## LTlegrand

AUDIO/VIDEO SYSTEM

## The <br> right system your needs

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


■ Audio socket

Mosaic ${ }^{\text {TM }}$ Programme mechanisms USB data sockets, USB extender and SUB D socket


Pack


USB data sockets - for data transfer
For connecting USB devices (scanner-printer, external hard disk)
Max. cable length: 5 m . Recommended cable: USB A
1 module
Preterminated - USB 3.0
Max. cable length: 5 m
Equipped with a 15 cm cord
078746
 White

Connection via screw terminals - USB 2.0
Max. cable length: 5 m
USB 2.0. Cross-section: 1 mm²


White
Alu
USB extender - for data transfer
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) and a receiver ( 1 module). The link between the transmitter and the receiver is made via a RJ 45 / RJ 45 cord
078748


OWhite

SUB D socket - 2 modules
078765

9 contacts - Screw terminals connection to link type RS 232 series

Quick installation
■ Easy connection
■ Optimum performance

## Mosaic ${ }^{\text {m" }}$ mechanisms

## audio and video sockets




078777


078774

Selection chart for boxes, supports and plates p. 30-31


## 41 legrand

## Mosaic ${ }^{\text {™ }}$ mechanisms

## audio and video sockets (continued)




078760


078750


078776
Pack Cat.Nos Videoprojector switch

Universal remote switch allowing to turn ON or place in STANDBY mode a video projector
To be installed with a push-button
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 reducing energy consumption and extending the bulb's lifetime
2 modules
078799


Ohite

Jack sockets 3.5 mm
3.5 mm Jack connectors can be used to create audio/video links
Preterminated sockets - 1 module
Equipped with cord, length 15 cm


White

4 screw-type female 3.5 mm Jack socket - 1 module
5 White
079264
Solder-type female 3.5 mm Jack socket - 1 module
 White



## Female 2 RCA sockets

Provide the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder 1 module
Preterminated
Equipped with a 15 cm cord


## Connection via screw terminals

## Female 3 RCA sockets

Provide the composite video and stereo audio links for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc
Connection via screw terminals
1 module
078754
079254 PTO OWhit Whit
Alu


## Mosaic ${ }^{\text {m" }}$ mechanisms

illuminated signage functions, bulkhead lights, indicator lights and downlighter


Selection chart for boxes, supports and plates p. 30-31
All the illuminated functions are equipped with very low consumption LEDs with an estimated service life of 100,000 hours


## L7 legrand

Supports, plates and boxes for Mosaic ${ }^{\text {m" }}$



## L7 legrand

MOSAIC ${ }^{\text {TM }}$

## Mosaic ${ }^{\text {m" }}$

## ensures

## adaptability

Get power \& data delivered just where users need it through innovative functions and ergonomic designs.

## DISCOVER OUR SOLUTIONS

■ Flexible and evolving installations : false floor, false ceiling, trunkings,... the MosaicTM Programme offers numerous different installation modes, adapted for high currents and data networks

■ Ergonomic and aesthetic solutions elaborated for a perfect integration in your office environment


## Mosaic ${ }^{\text {m" }}$ workstation kits

## flush-mounting or surface-mounting



0788 73L


0788 87L

Ready-to-use kits to be equipped with low current and high current Mosaic ${ }^{\text {TM }}$ sockets Halogen free

| Pack | Cat.Nos | Flush-mounting workstation kits |
| :---: | :---: | :---: |
|  |  | To be installed with flush-mounting conduits Equipped with: <br> - multi-materials flush-mounting box, depth 50 mm, with adjustable cable entries Ø 20 and 25 mm <br> - 4-module independent supports for tool-less installation of Mosaic mechanisms <br> (2 optional screws supplied) <br> - removable spacer for integration of 1-module mechanisms <br> - white plate <br> - separation partition for high currents and low currents |
| $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | $\begin{aligned} & 078872 L \\ & 079072 L \end{aligned}$ | For $2 \times 4$ modules White Alu |
| $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | $\begin{aligned} & 078873 L \\ & 079073 \end{aligned}$ | For $3 \times 4$ modules White Alu |
| $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | $\begin{aligned} & 078874 \mathrm{~L} \\ & 079074 \mathrm{~L} \end{aligned}$ | For $4 \times 4$ modules White Alu |

Surface-mounting workstation kits
To be installed with flush or surface-mounting conduits (mini-trunking or trunking)

## Equipped with:

- surface-mounting frames with removable entries (top/bottom and sides), pre-cut for $40 \times 20$ minitrunking
- 4-module individual supports for tool-less installation of Mosaic mechanisms
(2 optional screws supplied)
- removable spacer for integration of 1-gang mechanisms
- white plate
- separation partition for high currents and low currents

For $2 \times 4$ modules
0788 86L White
For $3 \times 4$ modules
0788 87L
White
For $4 \times 4$ modules
0788 88L White
Accessories for installation of modular devices
080129 Din-rail type for 2-module modular device 17.5 mm 078840 Cover plate for 2-module modular device 17.5 mm With removable transparent protection cap, 4 modules

## Mosaic" ${ }^{\text {m }}$ surface-mounting boxes and adaptors


080280

080285

680633

079154
] Selection chart for boxes, supports and plates p. 30-31

| Pack | Cat.Nos | Surface-mounting boxes | Pack | Cat.Nos | Plexo 55 modular support frames $\text { IP } 55 \text { - IK } 07$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 5 \\ & 5 \end{aligned}$ | $\begin{aligned} & 080280 \\ & 080281 \end{aligned}$ | For 2 modules (support Cat.No 0802 51) <br> Equipped with a $20 \times 12.5 \mathrm{~mm}$ removable entry <br> Depth 30 mm Depth 40 mm | 10 | 069580 | For 2-module Mosaic mechanisms <br> Can be equipped with any Mosaic function in order to obtain an IP 55 wiring accessory <br> Adaptor with smoked polycarbonate flap |
| 2 | 080289 | For 3 modules (support Cat.No 0802 59) <br> Equipped with a $20 \times 12.5 \mathrm{~mm}$ removable entry <br> Depth 40 mm | 1 | 069579 | Adaptor with smoked polycarbonate |
| 5 | 080285 | For 4, 5 or $2 \times 2$ horizontal modules (support Cat.No 0802 52) <br> Equipped with a $32 \times 12.5 \mathrm{~mm}$ removable entry Depth 40 mm | 1 | 091945 | flap lockable with special tool below (not supplied) <br> Security tool For changing vandal-proof screws |
| 5 | 080286 | For 6, 8 or $3 \times 2$ horizontal modules (support Cat.No 0802 53) <br> Equipped with a $32 \times 12.5 \mathrm{~mm}$ removable entry <br> Depth 40 mm <br> For 10 or $4 \times 2$ horizontal modules (support Cat.No 0802 54) | $1$ | $\begin{aligned} & 680632 \\ & 680633 \end{aligned}$ | For 3-module Mosaic mechanisms <br> Weatherproof IP 55 plate frames with membrane Allow operations of switches without opening cover maintaining IP 55 rating <br> White Grey |
| 2 | 080284 | Equipped with a $40 \times 20 \mathrm{~mm}$ removable entry <br> Depth 40 mm <br> For 5 or $2 \times 2$ vertical modules (support Cat.No 0802 52) |  |  | Adaptors for mounting on Mosaic 50 mm supports <br> For replacing Mosaic mechanisms ( $50 \times 50 \mathrm{~mm}$ ) without having to change the plate or the support frame |
| 5 | 080282 | Equipped with a $20 \times 12.5 \mathrm{~mm}$ removable entry Depth 40 mm | 10 | 079154 | Adaptor for 1-module mechanism (width $22.5 \times 45 \mathrm{~mm}$ ) |
| 5 | 080283 | For $3 \times 2$ vertical modules (support Cat.No 0802 53) Equipped with a $20 \times 12.5 \mathrm{~mm}$ removable entry Depth 40 mm | 10 | 079153 | Adaptor for 2-module mechanisms (width $45 \times 45 \mathrm{~mm}$ ) |
| 1 | 080274 | For $2 \times 5$ or $2 \times 2 \times 2$ modules (support Cat.No 0802 64) <br> Equipped with two $40 \times 20 \mathrm{~mm}$ removable entries Depth 46 mm |  |  |  |
| 1 | 080276 | For $2 \times 6,2 \times 8$ or $2 \times 3 \times 2$ modules (support Cat.No 0802 66) <br> Equipped with three $40 \times 20 \mathrm{~mm}$ removable entries Depth 46 mm |  |  |  |
| 1 | 080278 | For $2 \times 10$ modules (support Cat.No 0802 68) Equipped with four $40 \times 20 \mathrm{~mm}$ removable entries Depth 46 mm |  |  |  |

## LTlegrand

Mosaic ${ }^{\text {m" }}$ plates


Selection chart for boxes, supports and plates p. 30-31


## Mosaic ${ }^{\text {m" }}$ plates (continued)



Selection chart for boxes, supports and plates $\mathbf{p} . \mathbf{3 0 - 3 1}$


Clips onto support Cat.No 080264


For $2 \times 2 \times 2$ modules
Clips onto support Cat.No 080264


For $2 \times 6$ modules
Clips onto support Cat.No 080266


O White
Alu

- Matt Black

For $2 \times 8$ modules
Clips onto support Cat.No 080264



## 4 legrand

Mosaic ${ }^{\text {TM }}$ supports


Selection chart for boxes, supports and plates p. 30-31


## Mosaic ${ }^{\text {™ }}$ ready-to-install kits



Ready-to-install: create a two-way switch
Used to create a two-way switch without a micromodule and without having to pull any wires Composition:
$-1 \times 230$ V $\sim$ light switch without neutral 5-300 W, with bleeder. Supplied with claws and site protection cover

- 1 wireless light switch (CR2032 3 V battery supplied). Supplied with removable stickers for fixing the control unit on any substrate. LED function for low battery indication
Possibility to add one or several wireless switches Cat.No 0777 23L

Ready-to-install: create a two-way switch with micromodule
Used to control any type of lighting (LEDs, fluorescent, halogen, incandescent) from two control points without having to pull any wires
Composition:

- 1 ON/OFF lighting micromodule 230 V~ (300 W)
- 2 wireless light switches (CR2032 3 V battery supplied). Supplied with removable stickers for fixing the control units on any substrate. LED function for low battery indication
Possibility to add one or several wireless switches Cat.No 0777 23L
Ready-to-install: centralise your roller shutters
Used to control an electric roller shutter from a control point without pulling wires or to centralise several roller shutters Composition:
$-1 \times 230$ V~ roller shutter switch (raise/lower/ stop functions, compatible with roller shutters with mechanical and electronic stop, not compatible with radio-controlled roller shutters). Supplied complete with white plate and claws
- 1 roller shutter wireless switch (CR2032 3 V battery supplied). Supplied complete with removable stickers for fixing the control unit on any substrate.
LED function for low battery indication
Possibility to add one or several wireless roller shutter switches Cat.No 0777 06L

Pack

$\square$
Ready-to-install: create a switched power outlet
Used to create and control a socket outlet from a control point without pulling wires Composition:

- 1 x 16 A 3680 W power outlet maximum, automatic terminals, protected against overloads. Supplied with claws and site protection cover
- 1 wireless light switch (CR2032 3 V battery supplied). Supplied with removable stickers for fixing the control unit on any substrate. LED function for low battery indication
Possibility to add one or several wireless switches Cat.No 0777 23L
French standard
German standard


## L7legrand

Mosaic ${ }^{\text {"' }}$ with Netatmo
connected starter pack
———

Mandatory to start a connected installation

## Mosaic ${ }^{\text {™ }}$ with Netatmo

## connected extension pack



Used to complete your connected installation, requires prior installation of a starter pack for connected installation
Connected products can be added to the connected extension pack

| Pack | Cat.Nos | Connected extension pack |
| :---: | :---: | :---: |
|  |  | Used to create a wireless two-way lighting switch and remotely control your electrical appliances Composition: <br> - $1 \times 16$ A connected socket outlet 3680 W max. (protected against overloads). Compatible with any electrical appliance or large household appliance. Measures instantaneous power and monitors daily and monthly consumption, plus sends configurable notifications (fault, consumption, etc). Can be installed in place of an existing socket outlet in 1-gang box 40 mm deep, supplied with claws and site protection cover. Screw or claw fixing. Connection via automatic terminals. Customisable LED indicator function <br> - 1 wireless light switch. Supplied with CR2032 3 V battery for power supply and removable stickers for fixing the control unit on any substrate $-1 \times 5-300 \mathrm{~W}$ light switch (with dimmer option) without neutral 230 V . Compatible with all loads (dimmable LEDs 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 40 mm deep, supplied with claws and site protection cover. Screw or claw fixing. Locator and indicator LED function Supplied complete with plate |
| $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | $\begin{aligned} & 0777 \text { 30L } \\ & 0777 \text { 31L } \end{aligned}$ | O White - French standard <br> O White - German standard |

Connected installation principle


## Mosaic ${ }^{\text {T" }}$ with Netatmo

## connected light controls




0777 01L


0777 08L


0777 24L


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

Pack Cat.Nos Connected light switch (with dimmer option)
$\square$ For local or remote control of lighting
Can be paired with one or more wireless controls 5-300 W wired switch without neutral 230 V~ (with dimmer option)
Compatible with all loads (dimmable LEDs 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 40 mm deep
Screw or claw fixing, supplied with claws and site protection cover
Locator and indicator LED function
Supplied complete with plate


O White

Connected light switch with neutral, with dimmer option, wired
For local or remote ON/OFF or dimming control of lighting
Can be controlled by one or more wireless light switches or push-buttons without neon for ON/OFF or dimming control
150 W, 2 modules
Dimmer mode and locator/ indicator function can be activated from the Home + Control App
Compatible with all loads:

- Dimmable LEDs: 150 W
- Dimmable compact fluorescent lamps: 150 W
- Halogen with transformer: 150 VA
- Fluorescent tube: 150 VA
- Halogen 230 V and incandescent 150 W

Memory level function
Can be installed in place of an existing switch in a flush-mounting box depth 40 mm
Supplied complete with plate
O White

Micromodule 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


Used to ada Pair by tapping on the selected wired products: switches, micromodules, sockets and cable outlets Supplied with CR2032 3V battery for power supply and removable stickers for fixing the control unit on any substrate
LED function for low battery indication
LED function for low battery in
Supplied complete with plate


O White


Wireless light switch - 2-gang
Used to add 2 extra lighting controls Pair by tapping on the selected wired products:
switches, micromodules, sockets and cable outlets Supplied with CR2032 3V battery for power supply and removable stickers for fixing the control unit on any substrate
LED function for low battery indication
Supplied complete with plate


O White

## Wireless motion sensor



Allows to control up to 20 wired switches, micromodules and socket outlets Easy pairing by tapping the wired products or by using the Home + Control App Supplied with $2 \times$ AA battery
For indoor and outdoor use
Recommended distance between 2 sensors: 6 m
Recommended installation height: 2.5 m
Time delay adjustable from 15 s to 15 min
Range: 8 m
Detection angle: $140^{\circ}$
Sensor range adjustable from 2 m to 8 m
Light level threshold adjustable from 1 to 1000 lux
Wireless switch on/off module


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


## LTlegrand

Mosaic ${ }^{\text {r" }}$ with Netatmo
connected socket outlets and cable outlet


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


Connected socket outlet
Used to control electrical appliances remotely. Can be paired with one or more wireless light switch to create a controlled socket
16 A 3680 W maxi socket outlet (protected against overloads). Compatible with any electrical appliance or large household appliance
Measures instantaneous power and monitors daily and monthly consumption, plus sends configurable notifications (fault, consumption, etc)
Can be installed in place of an existing socket outlet in 1-gang box 40 mm deep, supplied with claws and site protection cover
Screw or claw fixing. Connection via automatic terminals
Customisable LED indicator function
Supplied complete with plate


0777 13L


O White - German standard

## Connected socket outlet module

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.
16 A-230 V ~ 3680 W, 1 module
Remote control via the Home + Control App
Compatible with any electrical appliance or large household appliance
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
Indicator LED function can be activated from the
Home + Control App
574200
OWhite

Pack
Connected mobile socket outlet
16 A - 3680 W
To be plugged directly into an existing socket outlet For control of lights, electrical appliances and large household appliances
Can be paired with one or more wireless light
switches

- ON/OFF indicator LED function

Connected mobile 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.)
Indicator LED function can be activated from the
Home + Control App


Enables remote control of electrical devices. Wiring compatible with pilot wire. Can be controlled by a wireless control
3000 W max. (protected against overloads)
Functions:

- ON/OFF, pilot wire management
- instantaneous power measurement and daily/
monthly consumption monitoring with configurable
sending of notifications (defect, consumption, etc.)
Supplied with mounting support, cover plate and site
protection cover
Multi-gang fixing not possible
064879



## Mosaic ${ }^{\text {" }}$ with Netatmo <br> connected roller shutter switches



## Mosaic ${ }^{\text {"' }}$ with Netatmo

## connected wireless scene switches



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

| Pack | Cat.Nos |
| :--- | :--- |
|  | Home/Away wireless master switch <br> Used to add an extra Home/Away wireless master <br> switch <br> Work in the same way as the Home/Away wireless <br> master switch included in the gateway pack <br> Home/Away life scenes can be customised in the <br> Home + Control App <br> Supplied with CR2032 3 V Iong-life battery for power <br> supply and removable stickers for fixing the control <br> unit on any substrate <br> LED function for low battery indication |
| Supplied complete with plate |  |

Used to add an extra Home/Away wireless master switch
Work in the same way as the Home/Away wireless aster 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 unit on any substrate
LED function for low battery indication
Supplied complete with plate


O White

## Wake up/Sleep wireless switch

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 removable stickers for fixing the control unit on any substrate
LED function for low battery indication Supplied complete with plate


4 scenes wireless switch
Used to add 4 customised scenes to a connected installation
Scenes can be customised in the Home + Control App
Possibility to assign personalized names and to
associate icons to the scenes in the Home + Control
Supplied with CR2032 3 V long-life battery for power supply and removable stickers for fixing the control unit on any substrate
LED function for low battery indication Supplied complete with plate
1


