

DEFINEDO™

NICE & USEFUL



THE GLOBAL SPECIALIST
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES





DISCOVER

DEFINEO™

A NICE AND USEFUL RANGE,
UNDER THE LEGRAND BRAND

With its sleek design, elegant curves and choice of 4 colours, DEFINEO blends in seamlessly in the majority of houses or flats.

From a practical viewpoint, the range has been designed to fulfil essential functions in the home, but without forgetting ease of use and safety.

And its other trump card? It makes your life easier!





02 ESSENTIAL FUNCTIONS



04 COMFORT AND SAFETY FUNCTIONS



06 PRACTICAL AND EASY TO INSTALL



08 STYLES AND FINISHES



10 CATALOGUE PAGES



FUNCTIONS THAT ARE BOTH SIMPLE AND **ESSENTIAL!**

A range designed to fulfil essential functions
in the home (both houses and flats) or even for
a small office space.

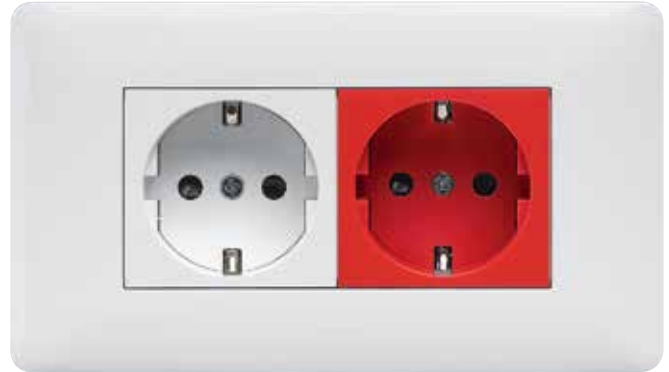




Switches: single, double, 2-way switch, intermediate switch with or without marking that can be seen in the dark



Push-buttons: single, double, or with label holder.



German standard 2P+E sockets (red and white version for dedicated circuits)



Euro-US double socket



Center off curtain switch



ELV sockets: TV, RJ 11 (telephone), RJ 45 (data)

DEDICATED FUNCTIONS FOR INCREASED COMFORT AND SAFETY!



COMFORT

MOTION SENSOR

Saves energy when the room is not occupied; sensitivity can be adjusted according to the light level in the room, adjustable delay: 30 s/90 s/180 s
Compatible with different types of load*.

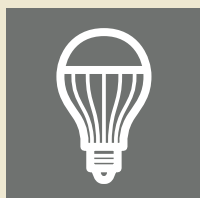
UNIVERSAL DIMMER FOR ADJUSTING BRIGHTNESS

Compatible with different types of load*.

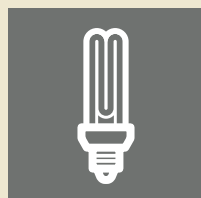
* REFER TO THE CATALOGUE PAGES FOR MORE INFORMATION

COMPATIBLE WITH ALL TYPES OF LAMPS

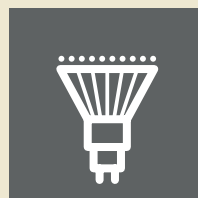
Dimmable LEDs



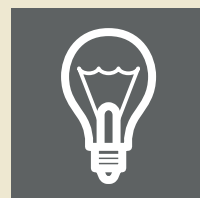
Dimmable compact fluorescent lamps



Halogen with electronic or ferromagnetic transformer



Incandescent and halogen 230 V lamps

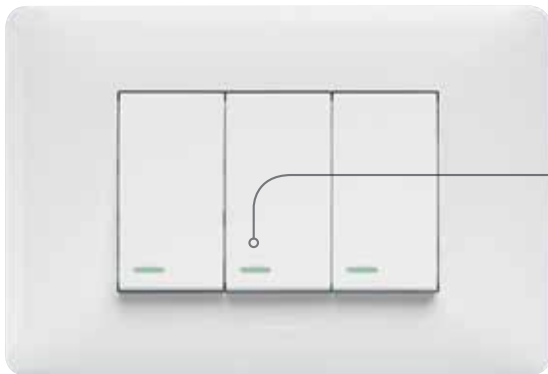




USB CHARGER 5 V – 1100 mA
 For fast charging different devices, including mobile phones, smartphones, tablets and MP3/MP4 players. Blends in perfectly alongside a socket outlet.



SAFETY



Easily identified in the dark thanks to phosphorescent inserts incorporated in the switch buttons.



Weatherproof IP 44 adapter allows some functions to be installed outside the house (on a terrace, for example) or in damp rooms.



PRACTICAL, ROBUST, EASY TO INSTALL AND WIRE UP

A MODULAR RANGE FOR GREATER FLEXIBILITY!

Defiemo support frames and finishing plates can be used to create numerous combinations from the various mechanisms, in order to obtain the desired function.



1 module



2 modules



3 modules

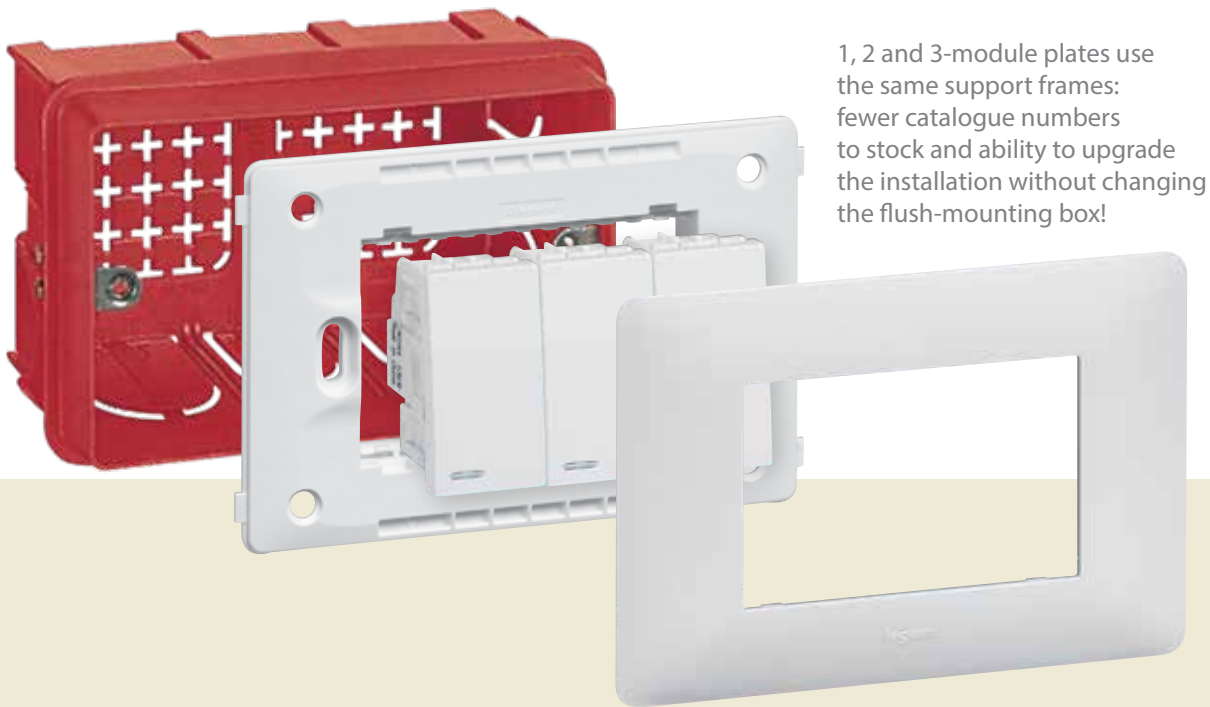


4 modules



6 (2 x 3) modules

Capacity from 1 to 6 modules
to create lots of different
configurations



1, 2 and 3-module plates use the same support frames: fewer catalogue numbers to stock and ability to upgrade the installation without changing the flush-mounting box!

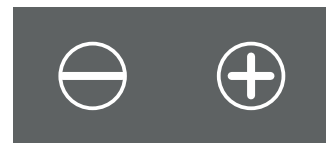
INGENIOUS MECHANISMS FOR SIMPLER WIRING!



"Large capacity" screw terminals up to 4 mm² (also for switches).



Captive screws, mixed head for flat or Pozidriv screwdriver to suit your usual wiring practice.



For sockets – terminals facing the same way for ease of wiring

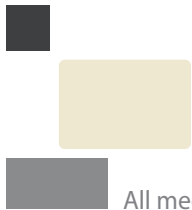
Clear marking on the product indicating the stripping length (10 mm)





CONTEMPORARY DESIGN AND CHOICE OF FINISHES

A contemporary design with gently rounded shapes, an elegant profile and simple, modern finishes in line with current trends.



All mechanisms in the DEFINEO range are white and the plates are available in 4 colours.



Ivory











Dark grey



Titanium






Mechanisms supplied with rocker plates, to be equipped with support frames (p. 12) and plates (p. 12)

| Pack | Cat.Nos | 1-way switches 16 AX - 250 V~ |
|---|----------|---|
| 10 | 7 012 01 | Screw terminals 1 module  |
| 10 | 7 012 11 | 1 module, with locator function (phosphorescent insert)  |
| 2-way switches 16 AX - 250 V~ | | |
| 10 | 7 012 06 | Screw terminals 1 module  |
| 10 | 7 012 16 | 1 module, with locator function (phosphorescent insert)  |
| Intermediate switch 10 AX - 250 V~ | | |
| 5 | 7 012 07 | Screw terminals 2 modules  |
| 1-way push buttons 4 A - 250 V~ | | |
| 10 | 7 012 04 | Screw terminals 1 module  |
| 5 | 7 012 14 | 2 modules, with label-holder  |
| Curtain switch 10 AX - 250 V~ | | |
| 5 | 7 012 08 | Screw terminals Curtain switch centre off 1 module  |



Mechanisms supplied with rocker plates, to be equipped with support frames (p. 12) and plates (p. 12)





| Pack | Cat.Nos | Universal dimmer |
|------|----------|--|
| 1 | 7 012 27 | Screw terminals Push ON/OFF rotary dimmer 300 W Without neutral, 2-wire 100 - 240 VA 50/60Hz To be installed alone in a 3-module box with 3-module support frame Cat.No 7 012 33 and 2-module finishing plates Cat.Nos 7 012 52/62/72/82 Can be remotely controlled via non-illuminated pushbuttons, with each pushbutton able to perform ON/OFF and dimming function For all type of lamps: - from 5 to 300 W incandescent and halogen lamps 230 VA - from 5 to 300 VA ELV halogen lamps with electronic transformer - from 5 to 300 VA fluorescent tubes with electronic or ferromagnetic ballast - from 5 to 75 W for dimmable compact fluorescent lamps and dimmable LEDs 2 modules  |
| 1 | 7 012 28 |  Motion sensor 100 - 240 V~ 50/60 Hz Screw terminals With neutral, 3-wire - 400 W IR detection Recommended fixing height: 1.2 m Adjustable luminosity threshold: 3 steps - day: 20 - 500 lux - dusk: 3 - 20 lux - night: < 3 lux Adjustable time delay: 3 steps 30 / 90 / 180 s Consumption XX W on standby Range 8 m Operates: - 400 W incandescent and halogen lamps 230 VA - 200 VA ELV halogen lamps with ferromagnetic or electronic transformer - 200 VA fluorescent tubes with electronic ballast and dimmable compact fluorescent lamps - 100 VA for dimmable LEDs and florescent tubes with ferromagnetic ballast 2 modules  |

Defineo™

USB charging sockets and socket outlets



Mechanisms supplied with cover, to be equipped with support frames (p. 12) and plates (p. 12)





| Pack | Cat.Nos | Type A USB charging socket |
|------|----------|---|
| 10 | 7 012 23 | <p>Screw terminals</p> <p>Single USB sockets - 5 V - 1100 mA</p> <p>For fast charging portable devices such as telephones, smartphones, MP3/MP4 players and tablet PC</p> <p>Conform to IEC 62684-2011-01</p> <p>Consumption in passive mode < 0.15 W</p> <p>2P+E tap-off connection via 2.5 mm² screw terminals</p> <p>Supplied without cord</p> <p>1 module</p>  |
| 10 | 7 012 20 | <p>German standard socket outlets 16 A</p> <p>Screw terminals</p> <p>2 modules</p> <p>2P+E shuttered for child safety</p> <p>○ White</p>  |
| 10 | 7 012 21 | <p>● Red</p>  |
| 10 | 7 012 22 | <p>Euro-US type socket outlets - 10 A - 250 V</p> <p>Screw terminals</p> <p>2P shuttered for child safety</p> <p>1 module</p>  |

Defineo™

telephone, data and TV sockets, blanking plates

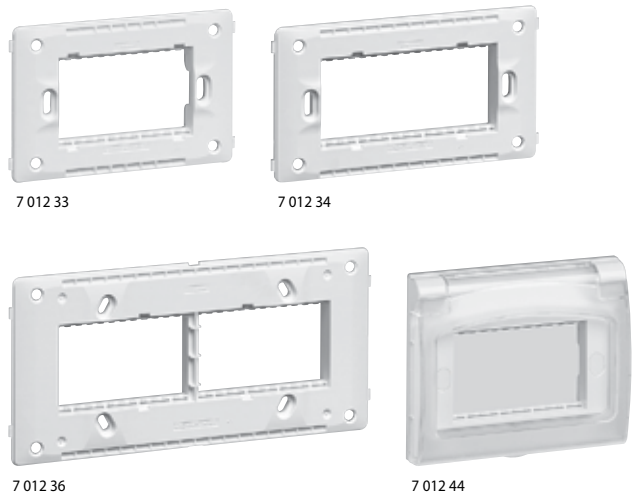


Mechanisms supplied with cover, to be equipped with support frames (p. 12) and plates (p. 12)

| Pack | Cat.Nos | RJ 11 socket |
|------|----------|---|
| 10 | 7 012 25 | <p>Equipped with fast connection terminals, possible looping</p> <p>4 contacts</p> <p>1 module</p>  |
| 10 | 7 012 26 | <p>RJ 45 Cat. 6 socket</p> <p>With LCS³ connector with fast connection thanks to integrated crimping</p> <p>Take AWG 22 single-core cables up to AWG 26 and AWG multicore cables</p> <p>Contacts marked with dual colour code and wiring schemes T568 A and T 568 B</p> <p>Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C</p> <p>UTP</p> <p>1 module</p>  |
| 10 | 7 012 24 | <p>Single TV star socket</p> <p>Low attenuation 1dB</p> <p>TV socket "female" type</p> <p>1 module</p>  |
| 48 | 7 012 29 | <p>Blanking plate</p> <p>○ White - 1 module</p>  |

Defineo™

supports and IP 44 plate



| Pack | Cat.Nos | Supports for Italian standard flush-mounting boxes |
|------|----------|--|
| 12 | 7 012 33 | Supplied with screws 3 modules |
| 12 | 7 012 34 | 4 modules |
| 5 | 7 012 36 | 6 (2x3) modules |
| 5 | 7 012 44 | IP 44 weatherproof plate Adaptor with transparent polycarbonate flap Supplied with screws For Italian standard flush-mounting boxes 3 modules |

Defineo™

finishing plates



| Pack | Cat.Nos | Finishing plates |
|------|----------|--|
| 10 | 7 012 51 | For 1 module Clips onto support Cat.No 7 012 33 |
| 10 | 7 012 61 | ○ White |
| 10 | 7 012 71 | ● Ivory |
| 10 | 7 012 81 | ● Titanium |
| 10 | 7 012 81 | ● Dark Grey |
| 10 | 7 012 52 | For 2 modules Clips onto support Cat.No 7 012 33 |
| 10 | 7 012 62 | ○ White |
| 10 | 7 012 72 | ● Ivory |
| 10 | 7 012 82 | ● Titanium |
| 10 | 7 012 82 | ● Dark Grey |
| 10 | 7 012 53 | For 3 horizontal modules Clips onto support Cat.No 7 012 33 |
| 10 | 7 012 63 | ○ White |
| 10 | 7 012 73 | ● Ivory |
| 10 | 7 012 83 | ● Titanium |
| 10 | 7 012 83 | ● Dark Grey |
| 10 | 7 012 54 | For 4 horizontal modules Clips onto support Cat.No 7 012 34 |
| 10 | 7 012 64 | ○ White |
| 10 | 7 012 74 | ● Ivory |
| 10 | 7 012 84 | ● Titanium |
| 10 | 7 012 84 | ● Dark Grey |
| 10 | 7 012 56 | For 6 (2 x 3) horizontal modules Clips onto support Cat.No 7 012 36 |
| 10 | 7 012 66 | ○ White |
| 10 | 7 012 76 | ● Ivory |
| 10 | 7 012 86 | ● Titanium |
| 10 | 7 012 86 | ● Dark Grey |

Defineo™ load selection charts

n Load selection charts

| | Cat.Nos | Universal | | | | | | | |
|------------------|----------|-------------------|------------|--------------|------------|--|--------|---|-------------|
| | | Leading edge | | | | | | Trailing edge | |
| | | 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 | 230 V |
| Universal dimmer | 7 012 27 | 5 to 150 W | 5 to 300 W | 5 to 150 W | 5 to 300 W | - | - | 5 to 150 VA | 5 to 300 VA |
| Motion sensor | 7 012 28 | 200 W | 400 W | 200 W | 400 W | 100 VA | 200 VA | 100 VA | 200 VA |

| | Cat.Nos | Universal | | | | | |
|---------------|----------|------------------|----------|--------------------------|-------------|--------------|------------|
| | | Fluorescent tube | | Compact fluorescent lamp | | Dimmable LED | |
| | | 110 V | 230 V | 110 V | 230 V | 110 V | 230 V |
| | | Universal dimmer | 7 012 27 | 5 to 150 VA | 5 to 300 VA | 5 to 37 VA | 5 to 75 VA |
| Motion sensor | 7 012 28 | 100 VA | 200 VA | 100 VA | 200 VA | 50 VA | 100 VA |



VISIT OUR SHOWROOM

تُشرفنا زيارتكم لصاله عرض منتجات لجراند و بتشينو مصر

Sunday to Thursday
(8:30 a.m. - 5:00 p.m.)



FOLLOW US ALSO ON

@ legrand.com.eg

 youtube.com/user/Legrand

 facebook.com/LegrandEgypt

 instagram.com/LegrandEgypt



EMB Electrical Industries S.A.E.

Pyramids Heights Office Park

Km 22 Cairo/Alex. desert road

Tel: + (202) 3536 0000

Fax: + (202) 3536 0001