

A hand is shown holding a small, translucent globe. Various objects are floating around it, including a feather, a purple flower, a black square, a white book, and a silver square. The background is a bright, blurred indoor space.

Mallia™ Senses
a breath of fresh air





Mallia™ Senses

a breath of fresh air

More aesthetic, more elegant, more functional, Mallia™ Senses enables you to fully express your creativity and style.

Symbol of lightness, thin and sleek, the new Mallia™ Senses range is a breath of fresh air.

Each object is a beautiful whole unto itself.

Mallia™ Senses, let your desire for elegance soar.

4 **A breath of lightness**

6 **A breath of elegance**

10 **A breath of simplicity**

16 **A breath of versatility**

18 **A breath of new experience**

22 **Products**



Matt White

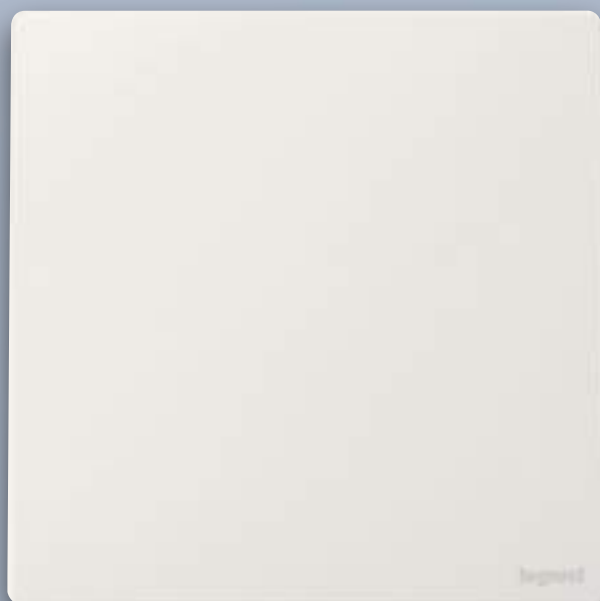


Matt Black

Mallia™ Senses

a breath of lightness

Absolutely pure, without artifice, the Mallia™ Senses range displays its modernity. Viewed from the front or in profile, its minimalism and lightness capture the eye.



Matt White



Curved profile
Unique slimness

Sensual design

The Mallia™ Senses switch is covered with an integrated rocker. A slight caress on the curve controls the lighting.



reddot winner 2021



Eye-catching or invisible

The minimalist design of the new Mallia™ Senses range pleases from the first glance. The profile of the switch sketches a light curve, soft to the touch and easy on the eye. The range is distinguished by its flat design and unique slimness.



Dark Bronze



Dark Silver

Mallia™ Senses

a breath of elegance

Unleash your creativity.

Compose an interior that suits you with the Mallia™ Senses palette.
Each element is available in three textures and seven colours.

Stand out or blend in, it's up to you

Want to give a touch of sparkle to your interior? Brushed Aluminium or Dark Bronze is a great choice. But what if you prefer a perfect integration? Try Dark Silver or Champagne. Mallia™ Senses switches and sockets are the answer. Your home, your choice.

Do it your way

Combine different finishes while respecting the harmony of colours. For instance, combine a Brushed Black switch with a Matt Black socket. Do whatever you like.



Brushed Aluminium



Matt Black



Brushed Black

Mallia™ Senses

Seven finishes, stunning possibilities

From timeless colours to iconic metal finishes, the choice is yours.

The essentials



Matt Black

Bold and uncompromising, the Matt Black series creates contrast and appeals to the eye. Soft to the touch, its matt finish gives a natural velvet look.



Dark Bronze

The Dark Bronze series shows off its strong character. An ideal choice to embrace the vintage style of a loft or artist's studio.



Dark Silver



Champagne



Matt White

a breath of elegance

Real Metal finishes

Modern and timeless, noble and smooth, with a soft brushed finish, the Brushed Metal series is truly the icon of the Mallia™ Senses range.



Brushed Black

The Brushed Black finish adds a touch of sophistication.



Brushed Aluminium

The Brushed Aluminium finish is incredibly versatile.



Perfect alignment
with fixing support



Metal frame



Mallia™ Senses

a breath of simplicity

The simplicity you've been waiting for, without compromise. The Mallia™ Senses range is as easy to install as it is to use. You'll have more time to admire the perfection of your work.

Easy to install

The Mallia™ Senses range has a robust metal frame and a flush, easy-to-clip wall plate for perfect aesthetics. The advantage: no buckling or misalignment.



Screw terminals opened and ready to wire



Protection in recycled raw material

Easy to order

One catalogue number = one complete product, ready to install.

Mallia™ Senses

**Control your lights
with a gentle caress**

A maximum of control in a minimum of space

Up to 4-gang with perfect alignment of rockers



1-gang switch



2-gang switch



3-gang switch



4-gang switch

a breath of simplicity

Easy to adapt

Quickly transform a traditional switch into an indicator or locator switch with the warm white or red LED accessory



1-gang indicator / locator switch



Locator switch



Indicator switch

Discreet

The mechanism is designed to ensure a soft touch and sound.

Mallia™ Senses

**Adapt your lighting
according to your needs**

Soft touch control

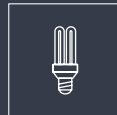
Dim and control dimmable LEDs and CFL, halogen or incandescent lamps with your fingertips. The Mallia™ Senses universal dimmer enables you to create an intimate interior without having to consider the type of load installed.



Rotary dimmer



Sliding touch dimmer



a breath of simplicity

Light turns on and off as you walk by

A motion sensor detects your presence and turns on the light.
The light will switch off automatically after a preset time delay.



Sound and light detector



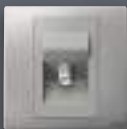
Infra-red movement detector



Double RJ 45 socket



1-gang British standard switched 13A socket with USB Type-A charger



F-type TV socket



Mallia™ Senses

a breath of versatility

Everything your guests need to charge any device.
Connectivity for power and data.



2-gang British standard switched 13A socket with USB Type-A & Type-C dual charger



1-gang British standard switched 13A socket with USB Type-C charger

USB charger socket

The USB charger socket combines a standard socket with the convenience of USB charging: your device plugs straight into the USB port, leaving the standard socket free. No more bulky adapters or juggling with chargers. Equipped with two different USB charging ports, Type-A and Type-C. With USB Type-C making its way onto our mobile devices, you are prepared for tomorrow – today.



Tamperproof key card switch

A simple and economical solution to efficiently and securely grant access to your guests' rooms experience, using Radio Frequency Identification (RFID) technology. Handy and lightweight for your guests.



Mallia™ Senses

a breath of new experience

Mallia™ Senses, a sense of hospitality.
Offer your guests a warm welcome and effortless control of their comfort.

An easy way to communicate between staff and guest

Room service can announce itself in a friendly manner with the doorbell button. The customer indicates whether or not they wish to have their room cleaned with the "Do Not Disturb/Make Up Room" switch.



Doorbell push-button



Do Not Disturb / Make Up Room Switch

Temperature control

With a simple touch on this touch-sensitive thermostat, your guests can adjust the temperature of their room for perfect comfort.



Room temperature control unit

Mallia™ Senses

**Meet
all of your clients' expectations
for safety and connectivity.**



Shaver socket

In-room charging station

Sockets with USB Type-A & Type-C charger are popular with guests for charging their smartphone, tablet or any other electronic device without bulky adapters.



2-gang British standard switched 13A socket with USB Type-A & Type-C dual charger



a breath of new experience

Light the way

Make life easy for your guests with automatically controlled lighting. Add a motion sensor and enable your guests to move safely around their room at night with soft, automatic lighting.



Step light with motion sensor



Step light

The Mallia™ Senses range can be completed by the UX for Upscale Hotels range of touch controls. This guest room management system offers guests a connected experience allowing them to easily control the room temperature, lights, roller shutters and badge-operated lock, and to customise scenarios.



Mallia™ Senses

Single Pole Switches



2 810 00BBSG



2 810 03DSSG



2 810 05MBSG









2 810 07MWSG



2 810 08CHSG

Conform to BS EN 60669-1
 Material: Polycarbonate front cover plates
 Supplied with 2 screws M3.5 for BS boxes
 Supplied complete with plate
 Dimensions: 86 x 88 mm (1 gang)

Pack	Cat.Nos	Single pole switches 16 AX - 250 V~
5	2 810 00BBSG	1 gang - 1-way switch  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 00BBSG	
5	2 810 00CHSG	
5	2 810 00DBSG	
5	2 810 00DSSG	
10	2 810 00MBSG 2 810 00MWSG	
5	2 810 01BBSG	1 gang - 2-way switch  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 01BBSG	
5	2 810 01CHSG	
5	2 810 01DBSG	
5	2 810 01DSSG	
10	2 810 01MBSG 2 810 01MWSG	
5	2 810 08BBSG	1 gang - intermediate switch  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 08BBSG	
5	2 810 08CHSG	
5	2 810 08DBSG	
5	2 810 08DSSG	
5	2 810 08MBSG 2 810 08MWSG	
5	2 810 02BBSG	2 gang - 1-way switch  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 02BBSG	
5	2 810 02CHSG	
5	2 810 02DBSG	
5	2 810 02DSSG	
10	2 810 02MBSG 2 810 02MWSG	
5	2 810 03BBSG	2 gang - 2-way switch  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 03BBSG	
5	2 810 03CHSG	
5	2 810 03DBSG	
5	2 810 03DSSG	
10	2 810 03MBSG 2 810 03MWSG	
5	2 810 04BBSG	3 gang - 1-way switch  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 04BBSG	
5	2 810 04CHSG	
5	2 810 04DBSG	
5	2 810 04DSSG	
10	2 810 04MBSG 2 810 04MWSG	

Pack	Cat.Nos	Single pole switches 16 AX - 250 V~ (continued)
5	2 810 05BBSG	3 gang - 2-way switch  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 05BBSG	
5	2 810 05CHSG	
5	2 810 05DBSG	
5	2 810 05DSSG	
10	2 810 05MBSG 2 810 05MWSG	
5	2 810 06BBSG	4 gang - 1-way switch For boxes with 4 lugs, fold the top and bottom lugs  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 06BBSG	
5	2 810 06CHSG	
5	2 810 06DBSG	
5	2 810 06DSSG	
10	2 810 06MBSG 2 810 06MWSG	
5	2 810 07BBSG	4 gang - 2-way switch For boxes with 4 lugs, fold the top and bottom lugs  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 07BBSG	
5	2 810 07CHSG	
5	2 810 07DBSG	
5	2 810 07DSSG	
10	2 810 07MBSG 2 810 07MWSG	

Mallia™ Senses

Single Pole Switches (continued)



2 810 10BASG



2 810 12CHSG



2 810 15DSSG



2 810 15MBSG



2 810 69MWSG

Conform to BS EN 60669-1
 Material: Polycarbonate front cover plates
 Supplied with 2 screws M3.5 for BS boxes
 Supplied complete with plate
 Dimensions: 86 x 88 mm (1 gang)

Pack	Cat.Nos	Single pole illuminated switches 16 AX - 250 V~
		Transparent lens To be equipped with warm white or red LED according to the need: indicator or locator (p. 39) The LED is not supplied
5		1 gang - 1-way switch
5	2 810 10BBSG	● Brushed Aluminium
5	2 810 10CHSG	● Brushed Black
5	2 810 10DBSG	● Champagne
5	2 810 10DSSG	● Dark Bronze
5	2 810 10MBSG	● Dark Silver
10	2 810 10MWSG	● Matt Black ○ Matt White
5		1 gang - 2-way switch
5	2 810 11BBSG	● Brushed Aluminium
5	2 810 11CHSG	● Brushed Black
5	2 810 11DBSG	● Champagne
5	2 810 11DSSG	● Dark Bronze
5	2 810 11MBSG	● Dark Silver
10	2 810 11MWSG	● Matt Black ○ Matt White
5		1 gang - intermediate switch
5	2 810 09BBSG	● Brushed Aluminium
5	2 810 09CHSG	● Brushed Black
5	2 810 09DBSG	● Champagne
5	2 810 09DSSG	● Dark Bronze
5	2 810 09MBSG	● Dark Silver
5	2 810 09MWSG	● Matt Black ○ Matt White
5		2 gang - 1-way switch
5	2 810 12BBSG	● Brushed Aluminium
5	2 810 12CHSG	● Brushed Black
5	2 810 12DBSG	● Champagne
5	2 810 12DSSG	● Dark Bronze
5	2 810 12MBSG	● Dark Silver
10	2 810 12MWSG	● Matt Black ○ Matt White
5		2 gang - 2-way switch
5	2 810 13BBSG	● Brushed Aluminium
5	2 810 13CHSG	● Brushed Black
5	2 810 13DBSG	● Champagne
5	2 810 13DSSG	● Dark Bronze
5	2 810 13MBSG	● Dark Silver
10	2 810 13MWSG	● Matt Black ○ Matt White

Pack	Cat.Nos	Single pole illuminated switches 16 AX - 250 V~ (continued)
5	2 810 14BASG	3 gang - 1-way switch
5	2 810 14BBSG	● Brushed Aluminium
5	2 810 14CHSG	● Brushed Black
5	2 810 14DBSG	● Champagne
5	2 810 14DSSG	● Dark Bronze
5	2 810 14MBSG	● Dark Silver
10	2 810 14MWSG	● Matt Black ○ Matt White
5		3 gang - 2-way switch
5	2 810 15BBSG	● Brushed Aluminium
5	2 810 15CHSG	● Brushed Black
5	2 810 15DBSG	● Champagne
5	2 810 15DSSG	● Dark Bronze
5	2 810 15MBSG	● Dark Silver
10	2 810 15MWSG	● Matt Black ○ Matt White
5		Single pole switches 20 AX - 250 V~
5		1 gang - 1-way switch
5	2 810 50BBSG	● Brushed Aluminium
5	2 810 50CHSG	● Brushed Black
5	2 810 50DBSG	● Champagne
5	2 810 50DSSG	● Dark Bronze
5	2 810 50MBSG	● Dark Silver
10	2 810 50MWSG	● Matt Black ○ Matt White
5		1 gang - 2-way switch
5	2 810 51BBSG	● Brushed Aluminium
5	2 810 51CHSG	● Brushed Black
5	2 810 51DBSG	● Champagne
5	2 810 51DSSG	● Dark Bronze
5	2 810 51MBSG	● Dark Silver
10	2 810 51MWSG	● Matt Black ○ Matt White
5		1 gang - intermediate switch
5	2 810 69BBSG	● Brushed Aluminium
5	2 810 69CHSG	● Brushed Black
5	2 810 69DBSG	● Champagne
5	2 810 69DSSG	● Dark Bronze
5	2 810 69MBSG	● Dark Silver
5	2 810 69MWSG	● Matt Black ○ Matt White

Mallia™ Senses

Single Pole Switches (continued)







2 810 53MWSG



2 810 55MBSG

Conform to BS EN 60669-1
 Material: Polycarbonate front cover plates
 Supplied with 2 screws M3.5 for BS boxes
 Supplied complete with plate
 Dimensions: 86 x 86 mm (1 gang)

Pack	Cat.Nos	Single pole switches 20 AX - 250 V~ (continued)
5	2 810 52BASG	 2 gang - 1-way switch ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 52BBSG	
5	2 810 52CHSG	
5	2 810 52DBSG	
5	2 810 52DSSG	
5	2 810 52MBSG	
10	2 810 52MWSG	
5	2 810 53BASG	 2 gang - 2-way switch ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 53BBSG	
5	2 810 53CHSG	
5	2 810 53DBSG	
5	2 810 53DSSG	
5	2 810 53MBSG	
10	2 810 53MWSG	
5	2 810 54BASG	 3 gang - 1-way switch For 4 lugs boxes, fold the top and bottom lugs ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 54BBSG	
5	2 810 54CHSG	
5	2 810 54DBSG	
5	2 810 54DSSG	
5	2 810 54MBSG	
10	2 810 54MWSG	
5	2 810 55BASG	 3 gang - 2-way switch For 4 lugs boxes, fold the top and bottom lugs ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 55BBSG	
5	2 810 55CHSG	
5	2 810 55DBSG	
5	2 810 55DSSG	
5	2 810 55MBSG	
10	2 810 55MWSG	

Mallia™ Senses

Double Pole Switches






2 810 61BASG



2 810 65CHSG

Conform to BS EN 60669-1
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Equipped with earth link connector
 Compact mechanism for greater wiring space
 Dimensions: 86 x 86 mm (1 gang)

Pack	Cat.Nos	Double pole switches 20 AX - 250 V~
5	2 810 60BASG	 1 gang - 1-way switch ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 60BBSG	
5	2 810 60CHSG	
5	2 810 60DBSG	
5	2 810 60DSSG	
5	2 810 60MBSG	
10	2 810 60MWSG	
5	2 810 61BASG	 1 gang - 1-way switch with red LED power indicator ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 61BBSG	
5	2 810 61CHSG	
5	2 810 61DBSG	
5	2 810 61DSSG	
5	2 810 61MBSG	
10	2 810 61MWSG	
5	2 810 65BASG	 2 gang - 1-way switch with red LED power indicator ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 65BBSG	
5	2 810 65CHSG	
5	2 810 65DBSG	
5	2 810 65DSSG	
5	2 810 65MBSG	
10	2 810 65MWSG	

Mallia™ Senses

double pole switches (continued)



2 810 62MWSG



2 810 62DBSG



2 810 66CHSG



2 810 70BASG



2 810 73CHSG

Conform to BS EN 60669-1
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Equipped with earth link connector
 Compact mechanism for greater wiring space
 Dimensions: 86 x 86 mm (1 gang)

Pack	Cat.Nos
5	2 810 62BASG
5	2 810 62BBSG
5	2 810 62CHSG
5	2 810 62DBSG
5	2 810 62DSSG
5	2 810 62MBSG
10	2 810 62MWSG
5	2 810 68BASG
5	2 810 68BBSG
5	2 810 68CHSG
5	2 810 68DBSG
5	2 810 68DSSG
5	2 810 68MBSG
10	2 810 68MWSG
5	2 810 66BASG
5	2 810 66BBSG
5	2 810 66CHSG
5	2 810 66DBSG
5	2 810 66DSSG
5	2 810 66MBSG
10	2 810 66MWSG

**Double pole switches
 20 AX - 250 V~ (continued)**

1 gang - 1-way switch with red LED power indicator and "WATER HEATER" marking

● Brushed Aluminium
 ● Brushed Black
 ● Champagne
 ● Dark Bronze
 ● Dark Silver
 ● Matt Black
 ○ Matt White

1 gang - 2-way switch with red LED power indicator and "WATER HEATER" marking

● Brushed Aluminium
 ● Brushed Black
 ● Champagne
 ● Dark Bronze
 ● Dark Silver
 ● Matt Black
 ○ Matt White

1 gang - 1-way switch with red LED power indicator and cable outlet

● Brushed Aluminium
 ● Brushed Black
 ● Champagne
 ● Dark Bronze
 ● Dark Silver
 ● Matt Black
 ○ Matt White

Pack	Cat.Nos
5	2 810 70BASG
5	2 810 70BBSG
5	2 810 70CHSG
5	2 810 70DBSG
5	2 810 70DSSG
5	2 810 70MBSG
10	2 810 70MWSG
5	2 810 71BASG
5	2 810 71BBSG
5	2 810 71CHSG
5	2 810 71DBSG
5	2 810 71DSSG
5	2 810 71MBSG
10	2 810 71MWSG
5	2 810 73BASG
5	2 810 73BBSG
5	2 810 73CHSG
5	2 810 73DBSG
5	2 810 73DSSG
5	2 810 73MBSG
5	2 810 73MWSG

**Double pole switches
 45 A - 250 V~**

1 gang - 1-way switch with red LED indicator

● Brushed Aluminium
 ● Brushed Black
 ● Champagne
 ● Dark Bronze
 ● Dark Silver
 ● Matt Black
 ○ Matt White

1 gang - 1-way switch red rocker with red indicator

● Brushed Aluminium
 ● Brushed Black
 ● Champagne
 ● Dark Bronze
 ● Dark Silver
 ● Matt Black
 ○ Matt White

2 gang - 1-way vertical switch red rocker with red LED indicator
 Dim.: 86 x 146 mm

● Brushed Aluminium
 ● Brushed Black
 ● Champagne
 ● Dark Bronze
 ● Dark Silver
 ● Matt Black
 ○ Matt White

5	2 810 74BASG
5	2 810 74BBSG
5	2 810 74CHSG
5	2 810 74DBSG
5	2 810 74DSSG
5	2 810 74MBSG
10	2 810 74MWSG

**Double pole switches
 32 A - 250 V~**

1 gang - 1-way switch with red LED indicator

● Brushed Aluminium
 ● Brushed Black
 ● Champagne
 ● Dark Bronze
 ● Dark Silver
 ● Matt Black
 ○ Matt White

Mallia™ Senses

Electronic Switches





2 812 00MBSG



2 812 40DBSG

Conform to BS EN 60669-1
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Equipped with earth link connector
 Compact mechanism for greater wiring space
 Dimensions: 86 x 86 mm (1 gang)

Pack	Cat.Nos	Touch switches 16 AX- 250 V~
		For all types of lamps: - LEDs with integrated electronic ballast: max 500 W - Incandescent and halogen lamps 230 VA: max 3000 W - ELV halogen and CFL lamps with separate ferromagnetic ballast: max 2000 VA - ELV halogen and CFL lamps with ferromagnetic or electronic transformer: max 2000 VA - LEDs with separate electronic ballast: max 1250 VA - CFL lamps with integrated electronic ballast: max 600 W - Fluorescent lamps with inductive ballast: max 600 W Standby consumption: 0.1 W
1	2 812 00BASG	1 gang - 1-way switch with neutral  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 812 00BBSG	
1	2 812 00CHSG	
1	2 812 00DBSG	
1	2 812 00DSSG	
1	2 812 00MBSG	
1	2 812 00MWSG	

Pack	Cat.Nos	Touch bell push 6 AX- 250 V~
		Operate : - 200 VA magnetic tong bell
1	2 812 40BASG	1 gang  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 812 40BBSG	
1	2 812 40CHSG	
1	2 812 40DBSG	
1	2 812 40DSSG	
1	2 812 40MBSG	
1	2 812 40MWSG	

Mallia™ Senses

Push-Buttons and Roller Blinds Controls







2 810 40DBSG



2 810 47DSSG

Conform to BS EN 60669-1
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Compact mechanism for greater wiring space
 Dimensions: 86 x 86 mm

Pack	Cat.Nos	Push-buttons 10 A - 250 V~
		1 gang - N/O contact (push to make)  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 41BASG	
5	2 810 41BBSG	
5	2 810 41CHSG	
5	2 810 41DBSG	
5	2 810 41DSSG	
5	2 810 41MBSG	
10	2 810 41MWSG	
		1 gang - N/O contact with bell symbol  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 40BASG	
5	2 810 40BBSG	
5	2 810 40CHSG	
5	2 810 40DBSG	
5	2 810 40DSSG	
5	2 810 40MBSG	
10	2 810 40MWSG	
		2 gang - N/O contact (push to make)  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 42BASG	
5	2 810 42BBSG	
5	2 810 42CHSG	
5	2 810 42DBSG	
5	2 810 42DSSG	
5	2 810 42MBSG	
10	2 810 42MWSG	
		Roller blind controls  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 47BASG	
5	2 810 47BBSG	
5	2 810 47CHSG	
5	2 810 47DBSG	
5	2 810 47DSSG	
5	2 810 47MBSG	
10	2 810 47MWSG	

Mallia™ Senses

Automatic Switches



2 810 90CHSG



2 810 92CHSG







2 810 91BASG



2 810 93BBSG

Conform to BS EN 60669-2-1
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Dimensions: 86 x 86 mm

Pack	Cat.Nos	Movement detectors
		IR movement detector Horizontal detection angle 120° Luminosity threshold: 3 to 500 lux Detection range: max. 8 m Adjustable time delay: 30 s, 90 s, 180 s Without Neutral For all types of lamps: - LEDs and CFL lamps with integrated electronic ballast: 3 W to 100 W - Incandescent and halogen lamps: 5 W to 400 W - ELV halogen, CFL lamps with separate ferromagnetic ballast: 20 VA to 200 VA - ELV halogen, CFL lamps with separate electronic ballast: 5 VA to 200 VA Standby consumption: 0.02 W
1	2 810 90BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 90BBSG	
1	2 810 90CHSG	
1	2 810 90DBSG	
1	2 810 90DSSG	
1	2 810 90MBSG	
1	2 810 90MWSG	
		With Neutral For all types of lamps: - LEDs and CFL lamps with integrated electronic ballast: max 100 W - Incandescent and halogen lamps: max 400 W - ELV halogen, CFL lamps with separate ferromagnetic ballast: max 200 VA - ELV halogen, CFL lamps with separate electronic ballast: max 200 VA Standby consumption: 0.02 W
1	2 810 91BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 91BBSG	
1	2 810 91CHSG	
1	2 810 91DBSG	
1	2 810 91DSSG	
1	2 810 91MBSG	
1	2 810 91MWSG	

Pack	Cat.Nos	Sound and light detectors
		Compact mechanism for greater wiring space Timer switch activated by noise This switch is activated with a sound level of 70 dB minimum The light switches on during 30 second and switches off if no noise is detected If the sound continues, the load will stay on until 30 seconds after it stops Without Neutral For all types of lamps: - LEDs and CFL lamps with integrated electronic ballast: 3 W to 100 W - Incandescent and halogen lamps: 5 W to 400 W - ELV halogen and CFL lamps with separate ferromagnetic ballast: 20 VA to 200 VA - ELV halogen and CFL lamps with separate electronic ballast: 5 VA to 200 VA Standby consumption: 0.02 W
1	2 810 92BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 92BBSG	
1	2 810 92CHSG	
1	2 810 92DBSG	
1	2 810 92DSSG	
1	2 810 92MBSG	
1	2 810 92MWSG	
		With Neutral For all types of lamps: - LEDs and CFL lamps with integrated electronic ballast: max 100 W - Incandescent and halogen lamps: max 400 W - ELV halogen and CFL lamps with separate ferromagnetic ballast: max 200 VA - ELV halogen and CFL lamps with separate electronic ballast: max 200 VA Standby consumption: 0.02 W
1	2 810 93BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 93BBSG	
1	2 810 93CHSG	
1	2 810 93DBSG	
1	2 810 93DSSG	
1	2 810 93MBSG	
1	2 810 93MWSG	

Mallia™ Senses

Dimmers



2 812 86MBSG



2 810 86CHSG



2 810 80DBSG

Conform to BS EN 60669-2-1
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Dimensions: 86 x 86 mm

Pack	Cat.Nos
1	2 812 86BASG
1	2 812 86BBSG
1	2 812 86CHSG
1	2 812 86DBSG
1	2 812 86DSSG
1	2 812 86MBSG
1	2 812 86MWSG

Dimmers

Sliding touch dimmer with neutral

For all types of lamps :
 - Dimmable LEDs lamps with integrated electronic ballast (10 lamps max.): max 75 W (Leading); max. 200 W (Trailing)
 - Incandescent and halogen lamps: max 400 W
 - ELV halogen and CFL lamps with separate ferromagnetic ballast: max 200 VA
 - ELV halogen and CFL lamps with separate electronic ballast: max 200 VA
 - Dimmable CFL lamps with integrated electronic ballast: max 75 W
 Standby consumption: 0.15 W



- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

300 W rotary dimmer without neutral

For all types of lamps:
 - Dimmable LEDs: 5 W to 75 W (Leading); 5 W to 200 W (Trailing)
 - Incandescent and halogen lamps 230 VA: 5 W to 300 W
 - Dimmable compact fluorescent lamps: 5 W to 75 W
 - Halogen lamps with ferromagnetic or electronic transformer: 5 VA to 300 VA
 - Fluorescent tube with integrated electronic ballast: 5 VA to 300 VA
 Standby consumption: 0.15 W



- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Pack	Cat.Nos
1	2 810 80BASG
1	2 810 80BBSG
1	2 810 80CHSG
1	2 810 80DBSG
1	2 810 80DSSG
1	2 810 80MBSG
1	2 810 80MWSG
1	0 401 39

Dimmers (continued)

500 W rotary dimmer without neutral

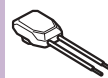
For all types of lamps:
 - Incandescent and halogen lamps 230 VA: 40 W to 500 W
 - ELV halogen lamps with ferromagnetic transformer: 40 VA to 200 VA
 Use compensator Cat.No 0 401 49
 Standby consumption: 0 W



- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Active compensator

Allows to ensure compatibility of 2-wire electronic lighting controls without neutral with all available types of loads (LEDs, compact fluorescent lamps, ELV halogen lamps with electronic or conventional ballast, 230 V halogen lamps, fluorescent tubes, incandescent lamps)
 Consumption: 0.4 W



Mallia™ Senses

Fan Controls, Cooker Control Units and Panic Buttons






2 810 75DSSG



2 810 49DSSG

Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Pack	Cat.Nos	Fan speed controls
		Conform to BS EN 60669-2-1 Dim.: 86 x 86 mm
		5-speed fan controls 100 W for fan with overall diameter 48"
1	2 810 82BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 82BBSG	
1	2 810 82CHSG	
1	2 810 82DBSG	
1	2 810 82DSSG	
1	2 810 82MBSG	
1	2 810 82MWSG	
		Conform to BS 4177 Dim.: 146 x 86 mm
		45 A DP switch + 13 A switched socket outlet with red LED indicator
5	2 810 75BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 75BBSG	
5	2 810 75CHSG	
5	2 810 75DBSG	
5	2 810 75DSSG	
5	2 810 75MBSG	
5	2 810 75MWSG	
		Panic buttons
		1 A resistive - 250 VA Dim.: 86 x 86 mm
1	2 810 49BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 49BBSG	
1	2 810 49CHSG	
1	2 810 49DBSG	
1	2 810 49DSSG	
5	2 810 49MWSG	

Mallia™ Senses

Telephone and Data Sockets







2 811 60MW



2 811 66DS

Compact mechanism for greater wiring space
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film
Dimensions: 86 x 86 mm

Pack	Cat.Nos	Telephone sockets
		RJ 11 sockets - 4 contacts 1/4 turn, tool-less connector
5	2 811 60BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 60BB	
5	2 811 60CH	
5	2 811 60DB	
5	2 811 60DS	
5	2 811 60MB	
5	2 811 60MW	
5	2 811 63BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 63BB	
5	2 811 63CH	
5	2 811 63DB	
5	2 811 63DS	
5	2 811 63MB	
5	2 811 63MW	
		BS secondary telephone sockets
5	2 811 69BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 69BB	
5	2 811 69CH	
5	2 811 69DB	
5	2 811 69DS	
5	2 811 69MB	
5	2 811 69MW	
		Telephone and data sockets
		RJ 11 + RJ 45 sockets Cat. 6 UTP
5	2 811 66BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 66BB	
5	2 811 66CH	
5	2 811 66DB	
5	2 811 66DS	
5	2 811 66MB	
5	2 811 66MW	

Mallia™ Senses

Data Sockets



2 811 59MB



2 811 65BA

Compact mechanism for greater wiring space
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Dimensions: 86 x 86 mm

Pack	Cat.Nos	Data sockets
		Conform to ISO / IEC 11801 and TIA / EIA 568.2-D
		RJ 45 Cat. 5e UTP
5	2 811 61BA	● Brushed Aluminium
5	2 811 61BB	● Brushed Black
5	2 811 61CH	● Champagne
5	2 811 61DB	● Dark Bronze
5	2 811 61DS	● Dark Silver
5	2 811 61MB	● Matt Black
5	2 811 61MW	○ Matt White
		RJ 45 Cat. 6 UTP
5	2 811 62BA	● Brushed Aluminium
5	2 811 62BB	● Brushed Black
5	2 811 62CH	● Champagne
5	2 811 62DB	● Dark Bronze
5	2 811 62DS	● Dark Silver
5	2 811 62MB	● Matt Black
5	2 811 62MW	○ Matt White
		RJ 45 Cat. 6 STP
5	2 811 59BA	● Brushed Aluminium
5	2 811 59BB	● Brushed Black
5	2 811 59CH	● Champagne
5	2 811 59DB	● Dark Bronze
5	2 811 59DS	● Dark Silver
5	2 811 59MB	● Matt Black
5	2 811 59MW	○ Matt White
		Double RJ 45 Cat. 5e UTP
5	2 811 64BA	● Brushed Aluminium
5	2 811 64BB	● Brushed Black
5	2 811 64CH	● Champagne
5	2 811 64DB	● Dark Bronze
5	2 811 64DS	● Dark Silver
5	2 811 64MB	● Matt Black
5	2 811 64MW	○ Matt White
		Double RJ 45 Cat. 6 UTP
5	2 811 65BA	● Brushed Aluminium
5	2 811 65BB	● Brushed Black
5	2 811 65CH	● Champagne
5	2 811 65DB	● Dark Bronze
5	2 811 65DS	● Dark Silver
5	2 811 65MB	● Matt Black
5	2 811 65MW	○ Matt White
		Double RJ 45 Cat. 6 STP
5	2 811 58BA	● Brushed Aluminium
5	2 811 58BB	● Brushed Black
5	2 811 58CH	● Champagne
5	2 811 58DB	● Dark Bronze
5	2 811 58DS	● Dark Silver
5	2 811 58MB	● Matt Black
5	2 811 58MW	○ Matt White

Mallia™ Senses

Television Sockets



2 811 57DB



2 811 53MB

Conform to EN 60728-4 and IEC 67128-2 and European directive
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Dimensions: 86 x 86 mm

Pack	Cat.Nos	Multiple entries television sockets
		For DVBT, cable cast and satellite installation (with individual demodulator) DVBT HDTV compatible TV: male connector (Ø 9.5 mm) R: female connector (Ø 9.5 mm) SAT: "F" type connector Recommended coaxial cable 17 VATC
		TV-R-SAT sockets - star attenuation < 1.5 dB
		TV: 5-68/120-862 MHz R: 87.5-108 MHz FM / 174-223 MHz DAB+ SAT: 550-2400 MHz Installation recommended in flush-mounting box depth 40 mm
5	2 811 57BA	● Brushed Aluminium
5	2 811 57BB	● Brushed Black
5	2 811 57CH	● Champagne
5	2 811 57DB	● Dark Bronze
5	2 811 57DS	● Dark Silver
5	2 811 57MB	● Matt Black
5	2 811 57MW	○ Matt White
		TV-SAT sockets - star attenuation < 1.5 dB
		TV: 5-68/120-862 MHz. SAT: 950-2400 MHz Installation recommended in flush-mounting box depth 40 mm
5	2 811 53BA	● Brushed Aluminium
5	2 811 53BB	● Brushed Black
5	2 811 53CH	● Champagne
5	2 811 53DB	● Dark Bronze
5	2 811 53DS	● Dark Silver
5	2 811 53MB	● Matt Black
5	2 811 53MW	○ Matt White

Mallia™ Senses

Television Sockets (continued)






2 811 51CH



2 811 52DS

Conform to EN 60728-4 and IEC 67128-2 and European directive
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Dimensions: 86 x 86 mm

Pack	Cat.Nos	Single television sockets
		For DVBT, cable cast and satellite installation (with individual demodulator) DVBT HDTV compatible TV: male connector (Ø 9.5 mm) R: female connector (Ø 9.5 mm) SAT: "F" type connector Recommended coaxial cable 17 VATC
		Female TV sockets - star attenuation < 1 dB TV: 0-2400 MHz Installation recommended in flush-mounting box depth 40 mm
5	2 811 51BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 51BB	
5	2 811 51CH	
5	2 811 51DB	
5	2 811 51DS	
5	2 811 51MB	
10	2 811 51MW	
		Male TV sockets - star attenuation < 1.5 dB TV: 0-2400 MHz Installation recommended in flush-mounting box depth 40 mm
5	2 811 54BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 54BB	
5	2 811 54CH	
5	2 811 54DB	
5	2 811 54DS	
5	2 811 54MB	
10	2 811 54MW	
		TV sockets "F" type with screws - star attenuation < 1 dB SAT: 0-2400 MHz
5	2 811 52BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 52BB	
5	2 811 52CH	
5	2 811 52DB	
5	2 811 52DS	
5	2 811 52MB	
10	2 811 52MW	

Mallia™ Senses

Audio and Video Sockets






2 810 31CH



2 810 21MB

Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Dimensions: 86 x 86 mm

Pack	Cat.Nos	Audio and video sockets
		Dim.: 86 x 86 mm
		Single loudspeaker sockets 4 mm ² terminals Brass connectors ensure excellent sound transmission quality
1	2 810 31BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 31BB	
1	2 810 31CH	
1	2 810 31DB	
1	2 810 31DS	
1	2 810 31MB	
5	2 810 31MW	
		Double loudspeaker sockets 4 mm ² terminals Brass connectors ensure excellent sound transmission quality
1	2 810 32BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 32BB	
1	2 810 32CH	
1	2 810 32DB	
1	2 810 32DS	
1	2 810 32MB	
5	2 810 32MW	
		HDMI Type-A sockets + USB Type-A data sockets Used to bring connections closer to the users and to transmit high-definition digital audio video streams between a source (Blu-Ray player, computer) and a compatible receiver (e.g. TV, video projector) and with connecting USB devices (interactive white board, scanner-printer, external hard disk)
1	2 810 21BA	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 21BB	
1	2 810 21CH	
1	2 810 21DB	
1	2 810 21DS	
1	2 810 21MB	
5	2 810 21MW	

Mallia™ Senses

British Standard Socket Outlets



2 811 11BASG



2 811 15CHSG



2 811 17MBSG



2 811 14MWSG





Conform to SS 145-2





Supplied with 2 screws M 3.5 for BS boxes

All sockets integrate child protection

Supplied as complete product with protective film

Dimensions: 86 x 86 mm (1 gang) ; 145 x 86 mm (2 gang)

Pack	Cat.Nos	British standard single pole socket outlets 13 A - 250 V~
5	2 811 11BASG	1 gang switched  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 11BBSG	
5	2 811 11CHSG	
5	2 811 11DBSG	
5	2 811 11DSSG	
5	2 811 11MBSG	
10	2 811 11MWSG	
5	2 811 14BASG	1 gang switched with red LED power indicator  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 14BBSG	
5	2 811 14CHSG	
5	2 811 14DBSG	
5	2 811 14DSSG	
5	2 811 14MBSG	
10	2 811 14MWSG	
5	2 811 13BASG	2 gang switched  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 13BBSG	
5	2 811 13CHSG	
5	2 811 13DBSG	
5	2 811 13DSSG	
5	2 811 13MBSG	
5	2 811 13MWSG	
5	2 811 15BASG	2 gang switched with red LED power indicator  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 15BBSG	
5	2 811 15CHSG	
5	2 811 15DBSG	
5	2 811 15DSSG	
5	2 811 15MBSG	
5	2 811 15MWSG	

Pack	Cat.Nos	British standard double pole socket outlets 13 A - 250 V~
5	2 811 16BASG	1 gang switched  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 16BBSG	
5	2 811 16CHSG	
5	2 811 16DBSG	
5	2 811 16DSSG	
5	2 811 16MBSG	
10	2 811 16MWSG	
5	2 811 18BASG	1 gang switched with red LED power indicator  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 18BBSG	
5	2 811 18CHSG	
5	2 811 18DBSG	
5	2 811 18DSSG	
5	2 811 18MBSG	
10	2 811 18MWSG	
5	2 811 17BASG	2 gang switched  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 17BBSG	
5	2 811 17CHSG	
5	2 811 17DBSG	
5	2 811 17DSSG	
5	2 811 17MBSG	
5	2 811 17MWSG	
5	2 811 19BASG	2 gang switched with red LED power indicator  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 19BBSG	
5	2 811 19CHSG	
5	2 811 19DBSG	
5	2 811 19DSSG	
5	2 811 19MBSG	
5	2 811 19MWSG	

Mallia™ Senses

British Standard Socket Outlets (continued)



2 811 34MWSG



2 811 30BASG



2 811 28DSSG



2 811 36DBSG




Conform to SS 145-2




Material: Polycarbonate front cover plates

Supplied with 2 screws M3.5 for BS boxes

Supplied complete with plate

Dimensions: 86 x 86 mm (1 gang) ; 146 x 86 mm (2 gang)

Pack	Cat.Nos	British standard socket outlets - 13 A - 250 V~ with USB charger
1	2 811 34BASG	USB charger conform to IEC 62368-1 Consumption in passive mode < 0.08 W 1 gang single pole switched with USB Type-A 2.4 A - 5 V _{DC} - 12 W  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 811 34BBSG	
1	2 811 34CHSG	
1	2 811 34DBSG	
1	2 811 34DSSG	
1	2 811 34MBSG	
1	2 811 34MWSG	
1	2 811 30BASG	1 gang single pole switched with USB Type-C 3 A - 5 V _{DC} - 15 W  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 811 30BBSG	
1	2 811 30CHSG	
1	2 811 30DBSG	
1	2 811 30DSSG	
1	2 811 30MBSG	
1	2 811 30MWSG	
1	2 811 36BASG	2 gang single pole switched with USB Type-A + Type-C 3 A - 5 V _{DC} - 15 W Consumption in passive mode < 0.08 W  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 811 36BBSG	
1	2 811 36CHSG	
1	2 811 36DBSG	
1	2 811 36DSSG	
1	2 811 36MBSG	
1	2 811 36MWSG	

Pack	Cat.Nos	British standard socket outlets 15 A - 250 V~	
5	2 811 28BASG	1 gang switched  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White 	
5	2 811 28BBSG		
5	2 811 28CHSG		
5	2 811 28DBSG		
5	2 811 28DSSG		
5	2 811 28MBSG		
10	2 811 28MWSG		
5	2 811 29BASG		1 gang switched with red LED power indicator  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 29BBSG		
5	2 811 29CHSG		
5	2 811 29DBSG		
5	2 811 29DSSG		
5	2 811 29MBSG		
10	2 811 29MWSG		
5	2 811 32BASG	British standard socket outlets 5 A - 250 V~ Conform to BS 546 1 gang - switched  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White 	
5	2 811 32BBSG		
5	2 811 32CHSG		
5	2 811 32DBSG		
5	2 811 32DSSG		
5	2 811 32MBSG		
10	2 811 32MWSG		

Mallia™ Senses

Fused Connection Units



2 811 40MW



2 811 42MB

Conform to SS 403

Supplied with 2 screws M 3.5 for BS boxes

Supplied as complete product with protective film

Dimensions: 86 x 86 mm

Pack	Cat.Nos	13 A fused connection units
		Unswitched
5	2 811 40BA	● Brushed Aluminium
5	2 811 40BB	● Brushed Black
5	2 811 40CH	● Champagne
5	2 811 40DB	● Dark Bronze
5	2 811 40DS	● Dark Silver
5	2 811 40MB	● Matt Black
10	2 811 40MW	○ Matt White
		Unswitched with red LED power indicator
5	2 811 49BA	● Brushed Aluminium
5	2 811 49BB	● Brushed Black
5	2 811 49CH	● Champagne
5	2 811 49DB	● Dark Bronze
5	2 811 49DS	● Dark Silver
5	2 811 49MB	● Matt Black
10	2 811 49MW	○ Matt White
		Switched
5	2 811 41BA	● Brushed Aluminium
5	2 811 41BB	● Brushed Black
5	2 811 41CH	● Champagne
5	2 811 41DB	● Dark Bronze
5	2 811 41DS	● Dark Silver
5	2 811 41MB	● Matt Black
10	2 811 41MW	○ Matt White
		Switched with red LED power indicator
5	2 811 42BA	● Brushed Aluminium
5	2 811 42BB	● Brushed Black
5	2 811 42CH	● Champagne
5	2 811 42DB	● Dark Bronze
5	2 811 42DS	● Dark Silver
5	2 811 42MB	● Matt Black
10	2 811 42MW	○ Matt White

Mallia™ Senses

Cable Outlets



2 811 47MB



2 811 48MW

Conform to BS 5733

Supplied with 2 screws M 3.5 for BS boxes

Supplied as complete product with protective film

Dimensions: 86 x 86 mm

Pack	Cat.Nos	Cable outlets
		20 A
10	2 811 47BA	● Brushed Aluminium
10	2 811 47BB	● Brushed Black
10	2 811 47CH	● Champagne
10	2 811 47DB	● Dark Bronze
10	2 811 47DS	● Dark Silver
10	2 811 47MB	● Matt Black
10	2 811 47MW	○ Matt White
		45 A
5	2 811 48CH	● Champagne
5	2 811 48DB	● Dark Bronze
5	2 811 48DS	● Dark Silver
5	2 811 48MB	● Matt Black
5	2 811 48MW	○ Matt White

Mallia™ Senses

Hotel Equipment










2 810 42DSSG



2 810 58CHSG

Conform to BS EN 60669-1
 Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Compact mechanism for greater wiring space
 Dimensions: 86 x 86 mm

Pack	Cat.Nos	Push-buttons 10 A - 250 V~	
5	2 810 41BASG	1 gang - N/O contact (push to make)  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White 	
5	2 810 41BBSG		
5	2 810 41CHSG		
5	2 810 41DBSG		
5	2 810 41DSSG		
5	2 810 41MBSG		
10	2 810 41MWSG		
5	2 810 42BASG		2 gang - N/O contact (push to make)  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 42BBSG		
5	2 810 42CHSG		
5	2 810 42DBSG		
5	2 810 42DSSG		
5	2 810 42MBSG		
10	2 810 42MWSG		
5	2 810 43BASG	3 gang - N/O contact (push to make)  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White 	
5	2 810 43BBSG		
5	2 810 43CHSG		
5	2 810 43DBSG		
5	2 810 43DSSG		
5	2 810 43MBSG		
10	2 810 43MWSG		
5	2 810 44BASG		4 gang - N/O contact (push to make)  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 44BBSG		
5	2 810 44CHSG		
5	2 810 44DBSG		
5	2 810 44DSSG		
5	2 810 44MBSG		
10	2 810 44MWSG		
Illuminated Push-buttons 10 A - 250 V~ Transparent lens, LED is not supplied. To be equipped with warm white or red LED according to the need.(p. 39)			
5	2 810 57BASG	1 gang  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White 	
5	2 810 57BBSG		
5	2 810 57CHSG		
5	2 810 57DBSG		
5	2 810 57DSSG		
5	2 810 57MBSG		
10	2 810 57MWSG		
5	2 810 58BASG		2 gang  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 810 58BBSG		
5	2 810 58CHSG		
5	2 810 58DBSG		
5	2 810 58DSSG		
5	2 810 58MBSG		
10	2 810 58MWSG		
5	2 810 59BASG	3 gang  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White 	
5	2 810 59BBSG		
5	2 810 59CHSG		
5	2 810 59DBSG		
5	2 810 59DSSG		
5	2 810 59MBSG		
10	2 810 59MWSG		

Mallia™ Senses

Hotel Equipment - Multistandard Socket Outlets








2 811 20MWSG



2 811 23BBSG

Material: Polycarbonate front cover plates
 Supplied with 2 screws M3.5 for BS boxes
 Supplied complete with plate
 Dimensions: 86 x 86 mm (1 gang) ; 145 x 86 mm (2 gang)

Pack	Cat.Nos	Multistandard socket outlets 16 A - 250 V~ / 15 A - 127 V~	
5	2 811 20BASG	1 gang 2P+E  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White 	
5	2 811 20BBSG		
5	2 811 20CHSG		
5	2 811 20DBSG		
5	2 811 20DSSG		
5	2 811 20MBSG		
10	2 811 20MWSG		
5	2 811 22BASG		2 gang 2P+E  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 22BBSG		
5	2 811 22CHSG		
5	2 811 22DBSG		
5	2 811 22DSSG		
5	2 811 22MBSG		
10	2 811 22MWSG		
Multistandard socket outlets 16 A - 250 V~ / 15 A - 127 V~ with USB charger USB charger conform to IEC 62368-1 2P+E - 1 gang switched with USB Type-A 2.4 A - 5 V= - 12 W Consumption in passive mode < 0.08 W			
1	2 811 21BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White 	
1	2 811 21BBSG		
1	2 811 21CHSG		
1	2 811 21DBSG		
1	2 811 21DSSG		
1	2 811 21MBSG		
1	2 811 21MWSG		
2P+E - 1 gang switched with USB Type-C 3 A - 5 V= - 15 W Consumption in passive mode < 0.08 W			
1	2 811 25BASG		 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 811 25BBSG		
1	2 811 25CHSG		
1	2 811 25DBSG		
1	2 811 25DSSG		
1	2 811 25MBSG		
1	2 811 25MWSG		
2x2P+E - 2 gang switched with USB Type-A + Type-C 3 A - 5 V= - 15 W Consumption in passive mode < 0.08 W			
1	2 811 23BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White 	
1	2 811 23BBSG		
1	2 811 23CHSG		
1	2 811 23DBSG		
1	2 811 23DSSG		
1	2 811 23MBSG		
1	2 811 23MWSG		



2 810 39BBSG



2 811 35DB









2 810 45BBSG




2 810 46MWSG

Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Pack	Cat.Nos	Hotel bedroom control units
		<p>Enable the resident to inform hotel staff of the room status Two settings are possible: - Do not disturb - Make up room Dim.: 86 x 86 mm</p> <p>1 gang Do not disturb / Make up room and bell push-button 230 V Installed in the corridor, displays calls Indicator lamp and bell push Supplied with LED</p> <p> <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </p>
5	2 810 45BASG	
5	2 810 45BBSG	
5	2 810 45CHSG	
5	2 810 45DBSG	
5	2 810 45DSSG	
5	2 810 45MBSG	
10	2 810 45MWSG	
		<p>2 gang switch Do not disturb / Make up room 230 V Installed in the guest room Allows the user to select the desired setting Supplied with LED</p> <p> <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </p>
5	2 810 46BASG	
5	2 810 46BBSG	
5	2 810 46CHSG	
5	2 810 46DBSG	
5	2 810 46DSSG	
5	2 810 46MBSG	
10	2 810 46MWSG	
		<p>GRMS Hotel bedroom control units</p> <p>1 gang Do not disturb / Make up room and bell push-button 250V~ + 12V DC LED Installed in the corridor, displays calls Indicator lamp and bell push Supplied with LED</p> <p> <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </p>
5	2 812 45BASG	
5	2 812 45BBSG	
5	2 812 45CHSG	
5	2 812 45DBSG	
5	2 812 45DSSG	
5	2 812 45MBSG	
10	2 812 45MWSG	
		<p>2 gang push-button Do not disturb / Make up room 250V~ + 12V DC LED Installed in the guest room Allows the user to select the desired setting Supplied with LED</p> <p> <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </p>
5	2 812 46BASG	
5	2 812 46BBSG	
5	2 812 46CHSG	
5	2 812 46DBSG	
5	2 812 46DSSG	
5	2 812 46MBSG	
10	2 812 46MWSG	

Pack	Cat.Nos	RFID key card switches
		<p>For energizing a circuit for example meeting room, office, hotel room, etc. Works only with ISO type contactless key card or other ISO type 13.56 MHz key card Time-delay of approx. 30 sec. after card removal Lighting of the slot by LED Dim.: 86 x 86 mm</p> <p>12 V</p> <p> <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </p>
1	2 810 22BASG	
1	2 810 22BBSG	
1	2 810 22CHSG	
1	2 810 22DBSG	
1	2 810 22DSSG	
1	2 810 22MBSG	
1	2 810 22MWSG	
		<p>230 V</p> <p> <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </p>
1	2 810 39BASG	
1	2 810 39BBSG	
1	2 810 39CHSG	
1	2 810 39DBSG	
1	2 810 39DSSG	
1	2 810 39MBSG	
1	2 810 39MWSG	

Pack	Cat.Nos	Key card
10	0 767 11	<p>For RFID key card switches MIFARE contactless badge card ISO format (50 x 80 mm) Chip: 13.56 MHz Standard 1 KB memory</p> 

Pack	Cat.Nos	Shaver sockets
		<p>Conform to BS EN 61558-2-5, IP24 For use with European, British, American, Australian 2-pin plugs Screwless live and neutral terminals Double wound isolating transformer Automatic self-resetting overload feature Plug insertion operates micro-switch which energises transformer For flush-mounting boxes, use BS 2-gang box depth 48 mm Power supply: 230 V - 50/60 Hz Dim.: 86 x 150 mm</p> <p> <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </p>
1	2 811 35BA	
1	2 811 35BB	
1	2 811 35CH	
1	2 811 35DB	
1	2 811 35DS	
1	2 811 35MB	
1	2 811 35MW	

Mallia™ Senses

Step Lights and Room Temperature Control Units






2 810 97MBSG



2 810 23MB

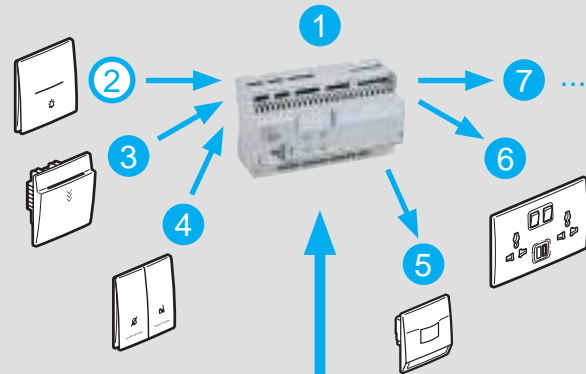
Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Dimensions: 86 x 86 mm

Pack	Cat.Nos	Step lights
		Low output step light with LED Ideal to illuminate a corridor at night without dazzling people, or to highlight possible danger Voltage: 250 V Power: < 1 W
1	2 810 97BASG	Without motion detector  <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 97BBSG	
1	2 810 97CHSG	
1	2 810 97DBSG	
1	2 810 97DSSG	
1	2 810 97MBSG	
1	2 810 97MWSG	
		With motion detector Mechanism equipped with an infrared detection cell and a LED beam Equipped with an audible signal that can be deactivated (when product is used for lighting) or not (so as to indicate danger) Horizontal detection angle: 120° Luminosity threshold: dusk: 15 Lux, night: 3 Lux Detection range: max. 8m Light adjust.: High, Mid, Low Adjustable time delay: 30s, 60s, 120s Voltage: 250 V Power: < 1 W
1	2 810 96BASG	 <ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
1	2 810 96BBSG	
1	2 810 96CHSG	
1	2 810 96DBSG	
1	2 810 96DSSG	
1	2 810 96MBSG	
1	2 810 96MWSG	
		Room temperature control units Allows you to adjust and monitor the temperature in the rooms precisely and accurately with a tactile touch It can control an Air Conditioning System Power supply: 250V~ 50/60Hz Adjustable temperature range from 5°C to 35°C Temperature accuracy: +/- 1°C Load type: magnetic valve/motor operated valve with 1A capacity Temperature sensor: internal NTC Power consumption: < 1W
1	2 810 23CH	 <ul style="list-style-type: none"> ● Champagne ● Dark Silver ● Dark Bronze ● Matt Black ○ Matt White
1	2 810 23DS	
1	2 810 23DB	
1	2 810 23MB	
1	2 810 23MW	

Mallia™ Senses

Hotel Equipment


Guest Room Management System



The Room controller unit, Cat. No. 0 484 08 or 0 484 12, associated with mechanical Mallia™ Senses functions can manage the lights, sockets, ventilation and curtains independently in each room. It can be integrated with the Building Management System (BMS) and the Property Management System (PMS) in order to enable a global management of the building and the hotel's operations.

 UX for Upscale hotels room management



 For further information on Room controller, please contact us



Mallia™ Senses

Adaptors and Blanking Plates



2 811 95MW



2 811 90DS



2 811 92BASG + 5 725 72



2 811 91MB



2 811 90MW

Supplied with 2 screws M 3.5 for BS boxes
 Supplied as complete product with protective film
 Dimensions: 86 x 86 mm (1 gang) ; 145 x 86 mm (2 gang)

Pack	Cat.Nos	Keystone adaptors
		Single
5	2 811 94BA	<ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 94BB	
5	2 811 94CH	
5	2 811 94DB	
5	2 811 94DS	
5	2 811 94MB	
10	2 811 94MW	
		Double
5	2 811 95BA	<ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 95BB	
5	2 811 95CH	
5	2 811 95DB	
5	2 811 95DS	
5	2 811 95MB	
10	2 811 95MW	

Pack	Cat.Nos	Blanking plates
		1 gang
5	2 811 90BA	<ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 90BB	
5	2 811 90CH	
5	2 811 90DB	
5	2 811 90DS	
5	2 811 90MB	
10	2 811 90MW	
		2 gang
5	2 811 91BA	<ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 91BB	
5	2 811 91CH	
5	2 811 91DB	
5	2 811 91DS	
5	2 811 91MB	
5	2 811 91MW	

Pack	Cat.Nos	Arteor adaptors
		Allow the integration of 2-module Arteor mechanisms such as reading lights, USB chargers, South African standard sockets, etc.
		1 gang 2 modules
5	2 811 92BASG	<ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 92BBSG	
5	2 811 92CHSG	
5	2 811 92DBSG	
5	2 811 92DSSG	
5	2 811 92MBSG	
10	2 811 92MWSG	
		2 gang 2 modules
5	2 811 93BASG	<ul style="list-style-type: none"> ● Brushed Aluminium ● Brushed Black ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White
5	2 811 93BBSG	
5	2 811 93CHSG	
5	2 811 93DBSG	
5	2 811 93DSSG	
5	2 811 93MBSG	
10	2 811 93MWSG	

For integration of Arteor functions, see Arteor offer



Mallia™ Senses

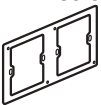
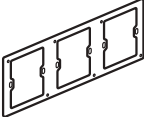
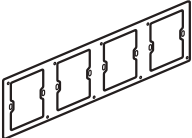

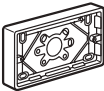
Fixing Supports and Lamps



2 810 20MB



2 819 97ACC

Pack	Cat.Nos	Fixing supports
		<p>For multi-gang installation To be installed on the boxes to allow a perfect alignment of products and a regular gap between functions Distance between boxes: 86 mm Compatible only with 86 x 86 mm dimensions products (except sockets with integrated USB charger)</p> <p>2 gang Dim.: 85.6 x 171.6mm</p> <div style="display: flex; align-items: center;">  <ul style="list-style-type: none"> ● Aluminium ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </div> <p>3 gang Dim.: 85.6 x 257.6mm</p> <div style="display: flex; align-items: center;">  <ul style="list-style-type: none"> ● Aluminium ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </div> <p>4 gang Dim.: 85.6 x 343.6mm</p> <div style="display: flex; align-items: center;">  <ul style="list-style-type: none"> ● Aluminium ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black ○ Matt White </div> <p>Surface mounting box Surface mounting box with earth terminal - BS standard</p> <p>1 gang Dim.: 86 x 86mm</p> <div style="display: flex; align-items: center;">  <ul style="list-style-type: none"> ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black </div> <p>2 gang Dim.: 86 x 146mm</p> <div style="display: flex; align-items: center;">  <ul style="list-style-type: none"> ● Champagne ● Dark Bronze ● Dark Silver ● Matt Black </div>
5	2 810 18BA	
5	2 810 18CH	
5	2 810 18DB	
5	2 810 18DS	
5	2 810 18MB	
5	2 810 18MW	
5	2 810 19BA	
5	2 810 19CH	
5	2 810 19DB	
5	2 810 19DS	
5	2 810 19MB	
5	2 810 19MW	
5	2 810 20BA	
5	2 810 20CH	
5	2 810 20DB	
5	2 810 20DS	
5	2 810 20MB	
5	2 810 20MW	
	6 133 50CH	
	6 133 50DB	
	6 133 50DS	
	6 133 50MB	
	6 133 51CH	
	6 133 51DB	
	6 133 51DS	
	6 133 51MB	

Pack	Cat.Nos	Lamps
10	2 819 97ACC	For locator use 230 V warm white LED
10	2 819 99ACC	12 V white LED Compatible with GRMS
10	2 819 98ACC	For indicator use 230 V red LED
10	2 819 96ACC	12 V red LED Compatible with GRMS

Notes

In accordance with its policy of continual improvement, the company reserves the right to modify the characteristics and design of its products without warning.
All illustrations, descriptions, dimensions, and weights indicated in this catalogue are given as a guide only and the company cannot be held liable for their accuracy.

Notes


Notes

Notes

Ruled lines for notes.



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