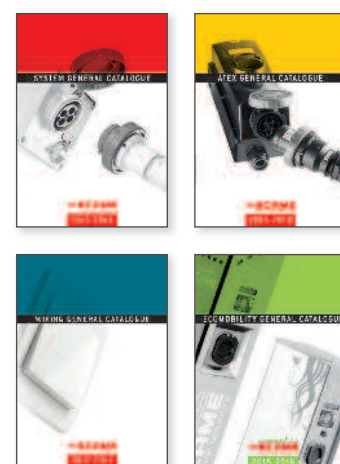


WIRING

# WIRING GENERAL CATALOGUE



2016-2018

**SCAME**

 **SCAME**  
electrical solutions

SINCE 1963



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 **SCAME**  
electrical solutions

2016-2018



W I R I N G  
CATALOGUE  
2016-2018  
[www.scame.com](http://www.scame.com)



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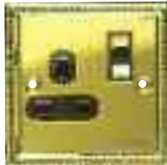
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SURFACE MOUNTING

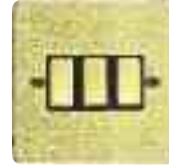
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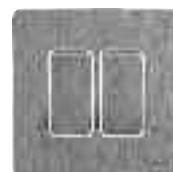




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# Scame: a growing group

IN LESS THAN FIFTY YEARS

WE HAVE BUILT AN

INDUSTRIAL BUSINESS THAT

HAS ALWAYS PRESERVED

THE SPIRIT OF ITS ORIGINS



Scame was founded amidst the enthusiasm of the Italian economic boom of the 60's and has always pursued its *raison d'être* in thriving by improving. Today it is an international industrial group of about 800 people employed in 21 subsidiaries and associated companies operating under the parent company headquartered in Parre (Bergamo) in Alta Valle Seriana. Scame has a capillary presence throughout Italy with its own sales agencies and operates worldwide with branches and loyal distributors.



# Scame in the world



**Italy**  
Parre (Bergamo)

 **SCAME** ARGENTINA  
Argentina

 **SCAME** BULGARIA  
Bulgaria

 **SCAME** BRASIL  
Brazil

 **SCAME** CHILE  
Chile

 **SCAME-TOP**  
China

 **SCAME-HR**  
Croatia

 **SCAME-CZ**  
Czech Republic

**SOBEM**  **SCAME**  
France

 **SCAME** INDIA  
India



 **SCAME**<sub>POLSKA</sub>  
Poland

 **SCAME**<sub>PORTUGAL</sub>  
Portugal

 **SCAME**<sub>RO</sub>  
Romania

 **SCAME-SK**  
Slovakia

 **SCAME**<sub>IBERICA</sub>  
Spain

 **SCAME**<sub>MIDDLE EAST</sub>  
U.A.E.

 **SCAME-UK**  
United Kingdom

 **SCAME-UY**  
Uruguay

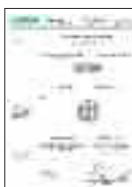
 **SCAME-UA**  
Ukraine

THE CONCEPT OF QUALITY  
IS AN INTEGRAL PART OF  
OUR CULTURE IN ALL ASPECTS  
AND EVERY ACTIVITY OF  
OUR WORK.



In 1993 Scame was among the first Italian companies to obtain the certification of its quality management system according to UNI EN ISO 9001 standards, renewed in 2002 according to Vision 2000. In 2003 Scame also obtained certification of its environmental management system according to UNI EN ISO 14001 standards which, by activating measures for improvement, continuous controls and appropriate corrective actions, fuels a virtuous circle of constant eco-friendly improvement.

In 2013, SCAME's commitment to its employees' safety and health on working places has earned the company the BS OHSAS 18001 certification.





# 1 HOME AUTOMATION



## 1.1

OPERA Series .....	PAGE 14
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**1.1**

## **OPERA Series**

Home  
Automation  
is a spectacular

Founded over 50 years ago in the heart of Italy's most important manufacturing district in the sector of electro-technical equipment, SCAME has always developed energy distribution products for industrial and domestic applications.

With a rich catalogue comprising 15,000 product references, SCAME operates in approximately 100 countries world wide, where it allows Italian experience in developing beautiful and efficient products to be appreciated.

On the strength of constant research and its ability to meet the changing needs of a constantly evolving market, today, through its partnership with COMELIT, an Italian example of excellence in the area of intercom systems and home automation, SCAME expands its already wide range of residential, English-standard flush-mounted series by introducing a complete and flexible range of home automation devices capable of ensuring a better and better quality of life, thanks to multiple functions that are always user-friendly.



# show

*Opera*  
your home automation

# OPERA Series

1

HOME AUTOMATION

2  
3

# Opera

# Opera Series: the Italian Home automation

In Italy, design and technology are commonplace, which is the reason why Opera Home automation meets all kinds of needs. Perfect functionality and easy use, to fully take advantage of the technology developed over many years of experience. The **Made in Italy** goes on stage, right in your own home.

## Your home, exactly

1

HOME AUTOMATION

2

3

### Lighting management

A single “click” to configure all the lights in your home as you come in or go out: savings and convenience. OPERA also gives you the possibility to pre-set lighting situations for any moment of the day, to be switched on through a single command from the switches that you yourself will choose.

- Simplified management of all types of lighting: classic, dimmer, RGB coloured, timed or timer-activated
- Switch-off during absence in conjunction with intruder alarm system sensors
- Instant displaying of illuminated lights in every room, with the option of controlling them individually or by room
- Setting of customised timers for each switch-on or by room
- Option of choosing the status of each individual light in a scenario, to recreate situations with optimal lighting comfort



### Load management

- Automatic load management to prevent disconnection of the electricity meter
- Option of selecting a list of loads which should be deactivated to prevent disconnection of the electricity meter
- Option of temporarily removing individual loads from the disconnection list
- Indication of load control function activation
- Option of customising the disconnection time of each individual load
- Checking of the power available in the system before load reactivation



# how you want it

that perhaps you may not have even imagined.

OPERA is a modular system that can be structured according to your needs.



## Climate control

Managing the temperature inside your home represents one of the highest electrical costs: turning on the air-conditioner shortly before you come home improves the quality of life and reduces waste. Just as it can be useful to air condition the sleeping quarters of your home during the night only. With OPERA, it is easy to control the climate through single commands or commands included in the various scenarios.

- Quick displaying of recorded and set temperature values in each individual room
- Automatic mode for scheduling activations at different times, every day of the week
- Countdown mode for achieving the ideal climate after an extended absence or to force a desired temperature in the event of non-programmed situations
- Displaying of the daily graphic for the set scheduling
- Reading and setting of the temperature, with precision to tenths of a degree
- Easy and intuitive setting of weekly scheduling with a table summarising the settings
- Option of setting a scenario with a different temperature for each of the controlled zones

## Door and gate automation

All commands can be activated through programming or remote control, in order to solve any situation.

- Individual or "by room" control of rolling shutters or automated openings
- Setting of customised timers for each opening or by room
- Entry of individual roller shutters in scenarios
- Option of controlling Venetian blinds by adjusting the slats



## Easy management with beautiful devices

Issuing commands must be simple, using the instruments must be intuitive, and the execution must be perfect. Opera can be easily programmed, and you will be the one to decide the management level of the domotic functions. From the control panels installed in your home or from your mobile devices, everything will be easy.

## Opera switches



The simpler it is, the better it is. A clean design that fits in well in any environment with no interference and operation that is always perfect. With its light blue LED, also available in other colours, the Opera remote control accompanies you with elegance and simplicity in all domotic situations. The large, soft-touch keys can turn on single functions or complex scenarios with a simple click. Once it is programmed, the Opera switch puts your home at your service.

## Minitouch and Cronotouch



MiniTouch is the compact home automation supervisor, the result of a design developed entirely in Italy. MiniTouch offers simple, intuitive and efficient supervision for the operation of all systems and devices in the home, including heating, load control, automations and alarm systems.

- Touch screen display
- Integrated proximity reader, which can be used to activate scenarios with a simple swipe of the key
- Built-in temperature sensor, which transforms MiniTouch into a thermostat
- Magic light indicator, Led system that can be used to display active functions in real time (alarm, cooling or heating) by means of light projected onto the wall

## Serial Bridge



Serial Bridge is the SimpleHome home automation supervisor used to manage your system wherever you are, directly from a smartphone, tablet or PC. When you are in a rush, you might forget to switch off a light, to activate the intruder alarm system or to lower the temperature on the thermostat, etc... Serial Bridge, which does not require any software or application installation, can be used to access your own system via a WEB page and control lights, open or close rolling shutters, activate or deactivate the climate control system, activate scenarios, and send any necessary commands, etc...

# A soft touch is all it



All the functions of the Home Automation system can be controlled from a soft-touch keypad. A control pushbutton with an elegant and discreet look that fits in well in any environment, embellished by the blue light of the LEDs that makes the panel always easy to find under all conditions of use.

takes to change everything





## Each setting is an emotion

A domotic system offers the possibility to manage all home functions by switching them on using a single pushbutton. This means that different actions that would normally be carried out manually and individually can now be grouped together.





## Example: Scenario 1 EXIT

Lighting deactivation; rolling shutter closure, temperature adjustment, gas and water solenoid valves shut off.



## Example: Scenario 2 SIMULATE PRESENCE

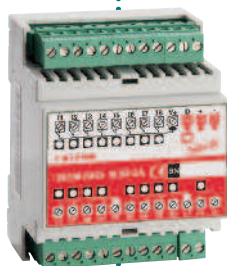
Rolling shutter opening and light activation, just as if someone was at home.

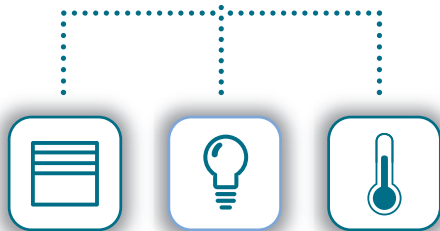
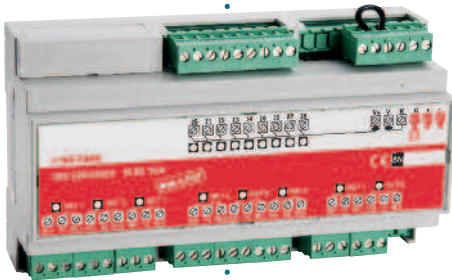
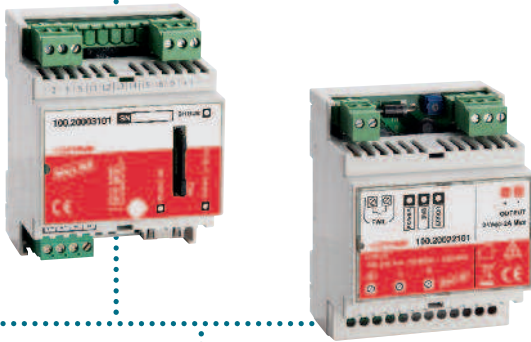


## Example: Scenario 3 DAILY TIMESCALE

At 7:15 the roller shutters are opened and the rooms reach the ideal temperature, at 10:30 the sun awnings are lowered, at 18:00 the irrigation system is activated; at 22:00 the garden lights are switched on, the alarm is enabled, the sun awnings are retracted and the rolling shutters are closed; at 24:00 the washing machine starts in order to save time and money.

## Scame systems integration diagram





# Perfect harmony

SCAME Comelit®

SCAME's domotic program features an exceptional "engine": all of the technology developed by COMELIT, an Italian company that for more than 50 years has been designing and building control systems featuring cutting-edge technology and widely appreciated for their reliability. The meeting of these two brands makes it possible to offer a **Made in Italy** product with guaranteed quality.





# OPERA Series

## CONTROLS

1

HOME AUTOMATION

2

3

### SOFT CLICK PUSH BUTTON

A familiar appearance unveils a set of infinite possibilities with a renewed feeling in terms of smoothness and softness. Different colors and frontplate designs are just a preview of the world of choices to come.

#### FULLY ASSEMBLED



108.3310.WW



108.3310.II



108.3310.BB

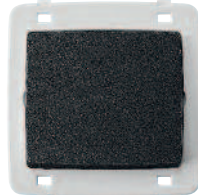


108.3310.SS

#### WITHOUT FRONTPLATES



108.3310.W



108.3310.A

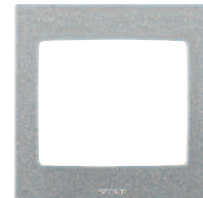
#### FRONTPLATES

##### CURVE



- 108.0013.W
- 108.0013.I
- 108.0013.A
- 108.0013.B
- 108.0013.C
- 108.0013.S



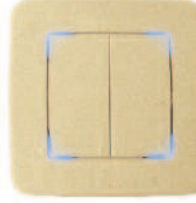
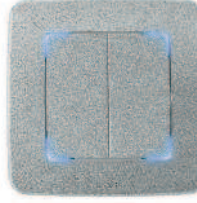

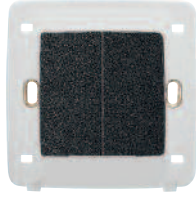



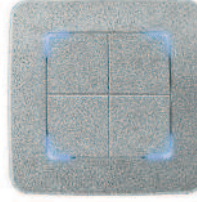

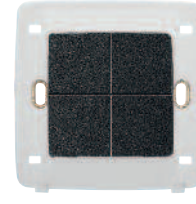


##### SQUARE



- 108.Q0013.W
- 108.Q0013.I
- 108.Q0013.A
- 108.Q0013.B
- 108.Q0013.C
- 108.Q0013.S

## SOFT TOUCH PUSH BUTTON

The most stylish way to take full control of your living space by a simple finger gesture. A unique apparel able to manage all your needs and connect life to what really means: yourself.

2 GANG	FULLY ASSEMBLED		108.20004622.WW		108.20004622.II		108.20004622.BB		108.20004622.SS
	WITHOUT FRONTPLATES		108.20004622.W		108.20004622.A				
4 GANG	FULLY ASSEMBLED		108.20004624.WW		108.20004624.II		108.20004624.BB		108.20004624.SS
	WITHOUT FRONTPLATES		108.20004624.W		108.20004624.A				
FRONTPLATES	CURVE		108.0012.W	108.0012.I	108.0012.A	108.0012.B	108.0012.C	108.0012.S	
	SQUARE		108.Q0012.W	108.Q0012.I	108.Q0012.A	108.Q0012.B	108.Q0012.C	108.Q0012.S	

# OPERA Series

## SUPERVISORS

### 3.5" MINITOUCH SUPERVISOR - WHITE



100.20034607

Mini-Touch 3,5" with a supervisory function. To be connected to bus for the management of the automation system to control lights, loads, shutters, climate, scenary and the irrigation system and to SimpleSafe system for visualisation and operation of the burglar alarm system. Integrated temperature sensor, 1 changeover relay output. RGB adjustable and Magic Light Indicator function with change of colour depending on the status of the areas climate and according to the status of the burglar system.

### TIMER/THERMOSTAT-CONTROLLED 3.5" MINITOUCH-WHITE



100.20003001

3.5" MiniTouch with timer/thermostat function. For connection to bus. Enables you to control, monitor and programme all of the system's climate control zones (sensors, thermostats, minitouch). Builtin temperature probe, 1 exchange relay output, 3 transistor outputs for controlling 3 fan-coil speed settings. Back-lighting according to the status of the climate control zones or with route-marker function with adjustable colours.

## SYSTEM DEVICES

### WEB SERVER SERIAL BRIDGE MODULE



100.20003101

Multifunctional module for automation and intruder alarm systems, capable of functioning as a weekly schedule programmer. Enables commands to be sent to outputs, zones, scenes or thermostats in the domotic system. Enables the creation of logic rules for the generation of an event. Allows the user to directly access the safety and domotics systems from an internet browser, in order to control the safety system or the automation system by means of simple commands. The system is configured via the web interface. Communication ports: SimpleHome bus, RS232, RS485, Ethernet - Power input: 12/24V DC - Dimensions: 4 DIN modules.

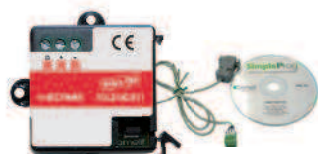
### SWITCHING POWER SUPPLY UNIT 24 VDC ON DIN



100.20022101

Paralellable, self-protected power supply unit 24 Vdc 2 A, supplies power to the modules in the bus system. Can deliver up to 2 A and, in the case of higher power consumption, several power supply units can be connected on the bus, distributed in different parts of the system, the power supply unit is equipped with a relay output contact for fault signalling. Dimensions 71x90x58 mm (4 DIN modules).

### RS232 PROGRAMMING INTERFACE



100.20002611

Connection interface between the bus and a PC with RS232 serial port. Allows system configuration using SimpleProg software (included) or via connection of a supervision touch screen. Several interfaces can be connected simultaneously on the same bus, dimensions: 41x30x9 mm.

## MODULES I/O

### WALL-MOUNT/DIN HOME AUTO MOD, 3 OPTOCOUPLED DIG. INPUTS



100.20004601

Interface on bus with 3 inputs and 3 outputs (configurable), comprising 1 16A NO/NC relay and 2 with transistors for controlling an external relay Art. 20004603. For flush or DIN-rail mounting. Dimensions: 42x42x18mm (1 DIN module). Max input current: 115mA.

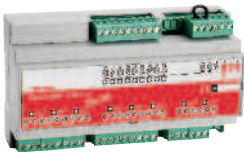
### MODULE 9 INPUTS AND 8 OUTPUTS 6A ON DIN (9I8O6A)



100.20046605

Module with 9 optically coupled inputs (8 normal + 1 scenario), for connection of buttons in the vicinity of the electrical panel and 8 relay outputs with N.O. contact (1 common for every 4 outputs) to control resistive electrical loads up to 6A.

### MODULE 9 INPUTS, 8 OUTPUTS 16A ON DIN (9I8O16A)



100.20046606

Module with 9 optically coupled inputs (8 normal + 1 scenario), for connection of buttons in the vicinity of the electrical panel and 8 relay outputs with N.C./N.O. switching contact to control resistive electrical loads up to 16A.

### MODULE 1 OUTPUT DIMMER 300W



100.20046851

Dimmer module for the dimming of halogen lamps, compact fluorescent lamps (CFL), LEDs that can be dimmed and electronic transformers. Power 300 W. One input for the connection of one control pushbutton. Dimmer function with control from individual or double pushbutton for motion control function with energy savings that allows brightness to be reduced in case no movement is detected. Installation from DIN guide (2 modules). Dimensions: 35x90x58 mm. Max bus absorption: 25mA.

## RECTANGULAR FLUSH MOUNTING BOX



Modules	Distance between axes for fixing (mm)		
3 modules	83,5	6/300	 875.4303

- Provided without cover and screw.

## 2 FLUSH MOUNTING



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<b>2.5</b>	EVOLVE Series .....	PAGE 72
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2.1

## LUXURY Series

■ CLASSICA Line

■ PIANA Line

■ MODERNA Line

■ FUTURA Line

■ MODERNA SL Line





Moulding metal to obtain thrilling forms. This is the purpose of the new Luxury series: to integrate into any prestigious furnishing context, enhancing the architect's choices. The precious finishes, meticulous assembly and reliable components make it a winner for any prestigious application.

Five models to meet any furnishing need whatsoever. Same careful design, but different styles: from absolute minimalism to an ornamentation suitable to be combined with the most lavish complements. For the Luxury series, the design is definitely an extra gear.



&gt;LUXURY&lt;



# LUXURY Series

## THE LINE

Five models to meet any furnishing need whatsoever. Same careful design, but different styles: from absolute minimalism to an ornamentation suitable to be combined with the most

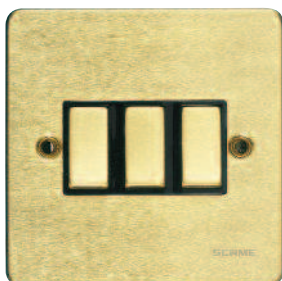
lavish complements. For the Luxury series, the design is definitely an extra gear.



### CLASSICA

#### The tradition of beauty

A design created in a frame of Luxury made to be combined with any type of décor by adding a touch of style.



### MODERNA

#### The modernism in trendy

Great lines, beautiful to the touch, melding solidity with elegance it looks like a symbol of supermodernism.



### MODERNA SCREWLESS

#### Understatedly modern

Modern, clean, elegant. An understated design where simplicity enhances the efficiency of the innovative technical solution.



### PIANA

#### The subtle virtue of simplicity

As simple as can be, a small, ultra-slim sheet of metal attaches effortlessly to any surface.

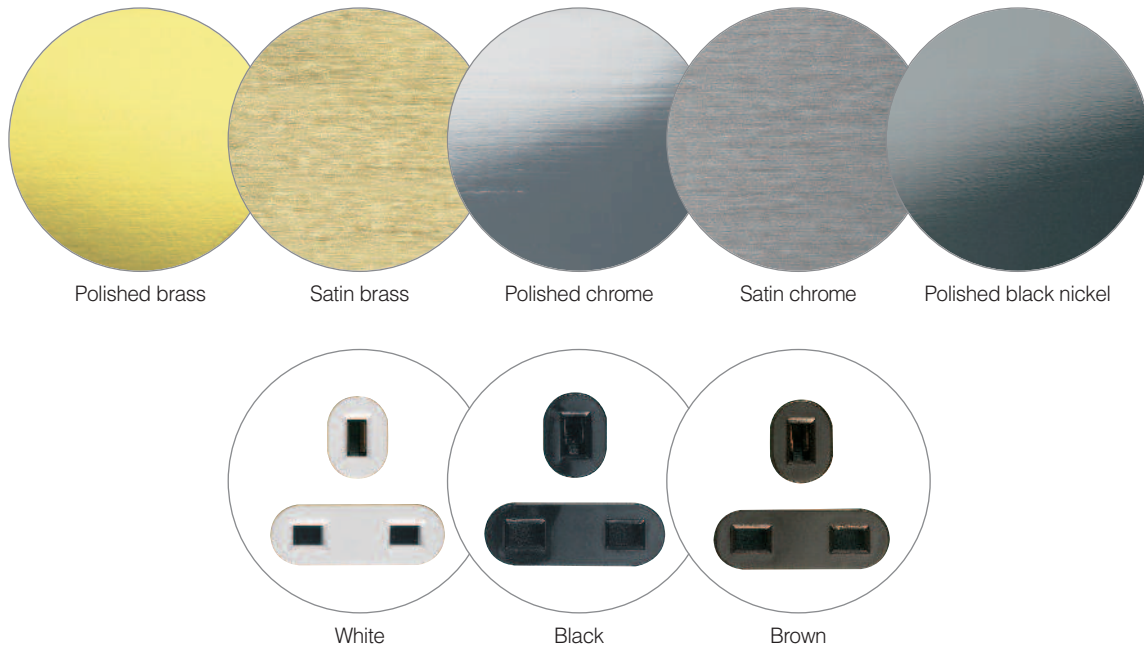


### FUTURA

#### The future has already arrived

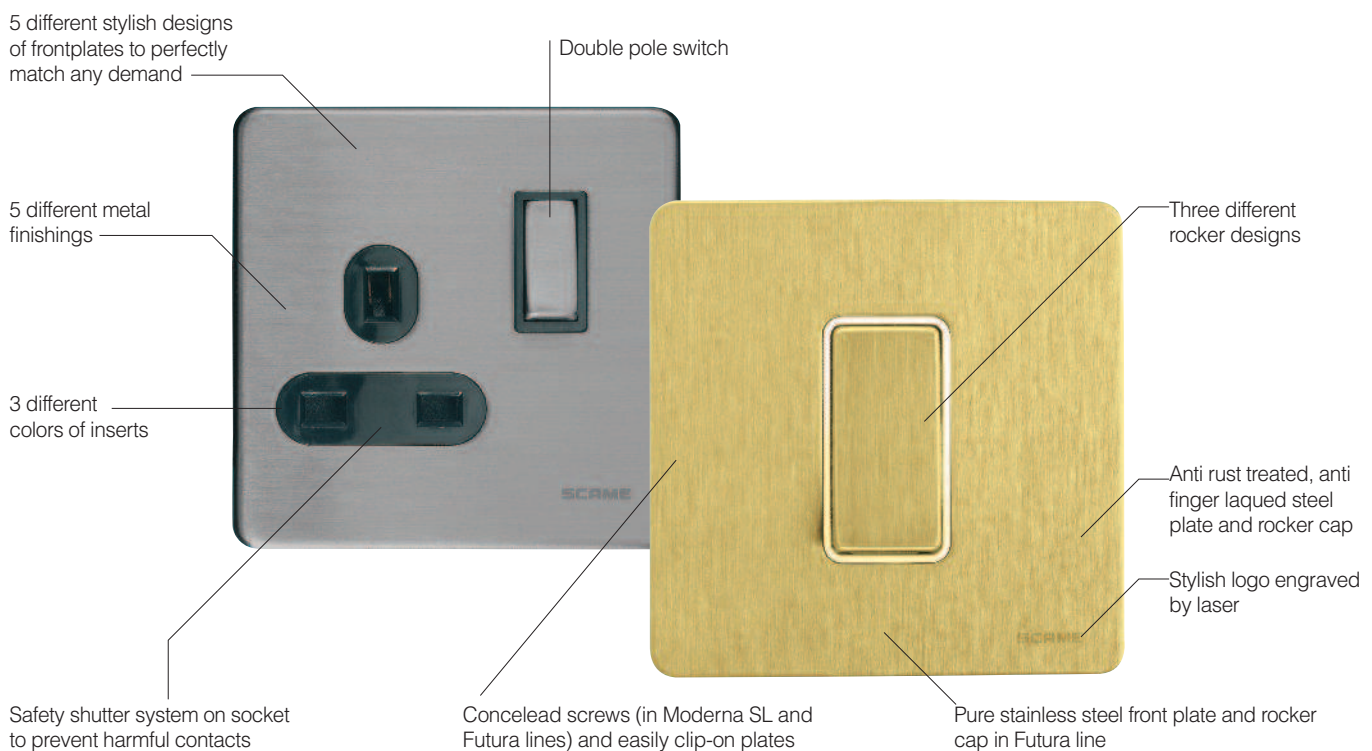
Futuristic shape, elegant lines, classically modern combination of volume and form in a pure stainless steel dress.

## COLOURS: THE FINISH MAKES THE DIFFERENCE



## SOLID MECHANICS UNDER THE BODYWORK

To obtain the final result without uncertainties, each detail must be designed and realized with care. The long Scame experience ensures life time of perfect operation.



# LUXURY Series

## CLASSICA LINE

1

2

FLUSH MOUNTING

3

FAMILY  
CODE

107.

LINE  
CODE

CL

### FUNCTION DESCRIPTION



#### SINGLE POLE SWITCHES



1 gang, 10AX, 2 way **3211**

1 gang, 20AX, 2 way **3212**



2 gang, 10AX, 2 way **3221**

2 gang, 20AX, 2 way **3222**



3 gang, 10AX, 2 way, single plate **3231**



3 gang, 20AX, 2 way, double plate **3232**



4 gang, 10AX, 2 way, double plate **3241**

4 gang, 20AX, 2 way, double plate **3242**



6 gang, 10AX, 2 way, double plate **3261**

6 gang, 20AX, 2 way, double plate **3262**



1 gang, 10AX, Intermediate switch **3111**

1 gang, 20AX, Intermediate switch **3112**

1 gang, 10A, bell push button **3311**

1 gang, 10A, push button, "Press", with neon **3312**



#### DOUBLE POLE SWITCHES



1 gang, 20A, with neon **3462**

1 gang, 20A, "Air Conditioner" with neon **3461**

1 gang, 20A, "Water Heater" with neon **3463**



1 gang, 45A, with neon **3464**

1 gang, 45A, "Air Conditioner", with neon **3465**

1 gang, 45A, "Cooker", with neon **3466**



1 gang, 45A, with neon, double plate **3474**

1 gang, 45A, "Air Conditioner" with neon, double plate **3471**

1 gang, 45A, "Cooker", with neon, double plate **3476**



#### 13A SPUR UNITS



with fuse, switch and neon **3400**

with fuse and switch **3410**



with fuse and neon **3420**

with fuse **3430**



#### BRITISH STANDARD SOCKETS



13A single **4001**



13A SS, DP switch **4012**

13A SS, DP switch, with neon **4022**



13A DS, DP switch **4032**

13A DS, DP switch, with neon **4042**



13A SS DP switch, 45A DP switch, with neon **4061**



15A SS, DP switch **4111**



5A SS, SP switch **4015**



#### INTERNATIONAL STANDARD SOCKETS



Shaver supply unit, (115/230V), double plate **4200**



16A Euro-American single **4210**



16A Euro-American double **4220**



16A Euro-American single, SP switch **4230**

SP= Single Pole DP= Double Pole SS= Single Switchsocket DS= Double Switchsocket ▲ = No need for plastic insert code

## FUNCTION DESCRIPTION

**TEL. & DATA SOCKETS**Telephone, BT master **4610**Telephone, BT secondary **4620**RJ11 **5210**RJ12 **5220**RJ45 cat5 **5230**RJ45 cat6 **5240**Double RJ11 **5250**Double RJ12 **5260**Double RJ45 cat5 **5270**Double RJ45 cat6 **5280**RJ11+RJ12 **5300**RJ11+RJ45 cat5 **5310**RJ11+RJ45 cat6 **5320**RJ12+RJ45 cat5 **5330**RJ12+RJ45 cat6 **5340****TV SOCKETS**TV CO-AXIAL socket **4310**TV/FM CO-AXIAL socket **4320**TV/FM/SAT socket **4330**TV/SAT socket **4340**SAT socket **4350**SAT/SAT socket **4360****DIMMER CONTROL SWITCHES**1 gang, 250W, 1 way **8210**1 gang, 250W, 2 way **8220**1 gang, 400W, 1 way **8410**1 gang, 400W, 2 way **8420**2 gang, 250W, 1 way **8212**2 gang, 250W, 2 way **8222**2 gang, 400W, 1 way **8412**2 gang, 400W, 2 way **8422**3 gang, 250W, 1 way, double plate **8213**3 gang, 250W, 2 way, double plate **8223**3 gang, 400W, 1 way, double plate **8413**3 gang, 400W, 2 way, double plate **8423**4 gang, 250W, 1 way, double plate **8214**4 gang, 250W, 2 way, double plate **8224**4 gang, 400W, 1 way, double plate **8414**4 gang, 400W, 2 way, double plate **8424**1 gang, Fan control switch **8000****BLANK PLATES**▲ single **1100**▲ double **1200**

## METAL PLATE CODE

**POLISHED BRASS**cod. **PB**

## PLASTIC INSERT CODE

**BROWN**cod. **N****WHITE**cod. **W**

## EXAMPLE CODE

**107. CL 8210 PB W**▲ **107. CL 1100 PB**

# LUXURY Series

## MODERNA LINE

1

2

FLUSH MOUNTING

3

FAMILY  
CODE

107.

LINE  
CODE

MN

### FUNCTION DESCRIPTION



#### SINGLE POLE SWITCHES



1 gang, 10AX, 2 way **3211**

1 gang, 20AX, 2 way **3212**



2 gang, 10AX, 2 way **3221**

2 gang, 20AX, 2 way **3222**



3 gang, 10AX, 2 way, single plate **3231**



3 gang, 20AX, 2 way, double plate **3232**



4 gang, 10AX, 2 way, double plate **3241**

4 gang, 20AX, 2 way, double plate **3242**



6 gang, 10AX, 2 way, double plate **3261**

6 gang, 20AX, 2 way, double plate **3262**



1 gang, 10AX, Intermediate switch **3111**

1 gang, 20AX, Intermediate switch **3112**

1 gang, 10A, bell push button **3311**

1 gang, 10A, push button, "Press", with neon **3312**



#### DOUBLE AND TRIPLE POLE SWITCHES



1 gang, 10A, 3P, fan isolator switch **3611**



1 gang, 20A, with neon **3462**

1 gang, 20A, "Air Conditioner" with neon **3461**

1 gang, 20A, "Water Heater" with neon **3463**



1 gang, 32A, with neon **3467**



1 gang, 45A, with neon **3464**

1 gang, 45A, "Air Conditioner", with neon **3465**

1 gang, 45A, "Cooker", with neon **3466**



1 gang, 45A, with neon, double plate **3474**

1 gang, 45A, "Air Conditioner" with neon, double plate **3471**

1 gang, 45A, "Cooker", with neon, double plate **3476**



#### 13A SPUR UNIT



with fuse, DP switch and neon **3400**

with fuse and DP switch **3410**



with fuse and neon **3420**

with fuse **3430**



#### BRITISH STANDARD SOCKETS



13A single **4001**



13A SS, DP switch **4012**

13A SS, DP switch, with neon **4022**



13A DS, DP switch **4032**

13A DS, DP switch, with neon **4042**



13A SS, DP switch, 45A DP switch, with neon **4061**



15A SS, DP switch **4111**



5A SS, SP switch **4015**



#### INTERNATIONAL STANDARD SOCKETS



Shaver supply unit, (115/230V), double plate **4200**



16A German single **4007**



16A Euro-American single **4210**



16A Euro-American double **4220**



16A Euro-American single, +10AX, SP switch **4230**



15A 127V American single **4211**



15A 127V American double **4221**



15A 127V American single, +10AX, SP switch **4231**



16A, international single **4212**



16A, international single, +10AX, SP switch **4232**

SP= Single Pole DP= Double Pole SS= Single Switchsocket DS= Double Switchsocket ▲ = No need for plastic insert code

## FUNCTION DESCRIPTION

**TEL. & DATA SOCKETS**Telephone, BT master **4610**Telephone, BT secondary **4620**RJ11 **5210**RJ12 **5220**RJ45 cat5 **5230**RJ45 cat6 **5240**Double RJ11 **5250**Double RJ12 **5260**Double RJ45 cat5 **5270**Double RJ45 cat6 **5280**RJ11+RJ12 **5300**RJ11+RJ45 cat5 **5310**RJ11+RJ45 cat6 **5320**RJ12+RJ45 cat5 **5330**RJ12+RJ45 cat6 **5340****TV CO-AXIAL SOCKETS**TV CO-AXIAL socket **4310**TV/FM CO-AXIAL socket **4320**TV/FM/SAT socket **4330**TV/SAT socket **4340**SAT socket **4350**SAT/SAT socket **4360****DIMMER CONTROL SWITCHES**1 gang, 250W, 1 way **8210**1 gang, 250W, 2 way **8220**1 gang, 400W, 1 way **8410**1 gang, 400W, 2 way **8420**2 gang, 250W, 1 way **8212**2 gang, 250W, 2 way **8222**2 gang, 400W, 1 way **8412**2 gang, 400W, 2 way **8422**3 gang, 250W, 1 way, double plate **8213**3 gang, 250W, 2 way, double plate **8223**3 gang, 400W, 1 way, double plate **8413**3 gang, 400W, 2 way, double plate **8423**4 gang, 250W, 1 way, double plate **8214**4 gang, 250W, 2 way, double plate **8224**4 gang, 400W, 1 way, double plate **8414**4 gang, 400W, 2 way, double plate **8424**1 gang, Fan control switch **8000****CABLE OUTLETS**20A, flex outlet **2032**45A, flex outlet **2034****BLANK PLATES**▲ single **1100**▲ double **1200**

## METAL PLATE CODE

**POLISHED BRASS**cod. **PB****SATIN BRASS**cod. **SB****POLISHED CHROME**cod. **PC****SATIN CHROME**cod. **SC****POLISHED BLACK NICKEL**cod. **PN**

## PLASTIC INSERT CODE

**BLACK**cod. **B****WHITE**cod. **W**

## EXAMPLE CODE



































**107. MN 8210 PB W**▲ **107. MN 1100 PB**



























# LUXURY Series

## MODERNA SCREWLESS LINE






1  
2  
3  
FLUSH MOUNTING

FAMILY CODE	LINE CODE	FUNCTION DESCRIPTION	
107.	MS		
			<b>SINGLE POLE SWITCHES</b>
			1 gang, 10AX, 2 way <b>3211</b>
			1 gang, 20AX, 2 way <b>3212</b>
			2 gang, 10AX, 2 way <b>3221</b>
			2 gang, 20AX, 2 way <b>3222</b>
			3 gang, 10AX, 2 way, single plate <b>3231</b>
			3 gang, 20AX, 2 way, double plate <b>3232</b>
			4 gang, 10AX, 2 way, double plate <b>3241</b>
			4 gang, 20AX, 2 way, double plate <b>3242</b>
			6 gang, 10AX, 2 way, double plate <b>3261</b>
			6 gang, 20AX, 2 way, double plate <b>3262</b>
			1 gang, 10AX, Intermediate switch <b>3111</b>
			1 gang, 20AX, Intermediate switch <b>3112</b>
			1 gang, 10A, bell push button <b>3311</b>
			1 gang, 10A, push button, "Press", with neon <b>3312</b>
			1 gang, 10A, 3P, fan isolator switch <b>3611</b>
			<b>DOUBLE POLE SWITCHES</b>
			1 gang, 20A, with neon <b>3462</b>
			1 gang, 20A, "Air Conditioner" with neon <b>3461</b>
			1 gang, 20A, "Water Heater" with neon <b>3463</b>
			1 gang, 32A, with neon <b>3467</b>
			1 gang, 45A, with neon <b>3464</b>
			1 gang, 45A, "Air Conditioner", with neon <b>3465</b>
			1 gang, 45A, "Cooker", with neon <b>3466</b>
			1 gang, 45A, with neon, double plate <b>3474</b>
			1 gang, 45A, "Air Conditioner" with neon, double plate <b>3471</b>
			1 gang, 45A, "Cooker", with neon, double plate <b>3476</b>
			<b>13A SPUR UNITS</b>
			with fuse, DP switch and neon <b>3400</b>
			with fuse and DP switch <b>3410</b>
			with fuse and neon <b>3420</b>
			with fuse <b>3430</b>
			<b>BRITISH STANDARD SOCKETS</b>
			13A single <b>4001</b>
			13A SS, DP switch <b>4012</b>
			13A SS, DP switch, with neon <b>4022</b>
			13A DS, DP switch <b>4032</b>
			13A DS, DP switch, with neon <b>4042</b>
			13A SS, DP switch, 45A DP switch, with neon <b>4061</b>
			15A SS, DP switch <b>4111</b>
			5A SS, SP switch <b>4015</b>
			<b>INTERNATIONAL SOCKETS</b>
			Shaver supply unit, (115/230V), double plate <b>4200</b>
			16A German single <b>4007</b>
			16A Euro-American single <b>4210</b>
			16A Euro-American double <b>4220</b>
			16A Euro-American single, +10AX, SP switch <b>4230</b>
			15A 127V American single <b>4211</b>
			15A 127V American double <b>4221</b>
			15A 127V American single, +10AX, SP switch <b>4231</b>
			16A, international single <b>4212</b>
			16A, international single, +10AX, SP switch <b>4232</b>



SP= Single Pole DP= Double Pole SS= Single Switchsocket DS= Double Switchsocket ▲ = No need for plastic insert code

FUNCTION DESCRIPTION		
 <b>TEL. &amp; DATA SOCKETS</b>		
	Telephone, BT master	<b>4610</b>
	Telephone, BT secondary	<b>4620</b>
	RJ11	<b>5210</b>
	RJ12	<b>5220</b>
	RJ45 cat5	<b>5230</b>
	RJ45 cat6	<b>5240</b>
	Double RJ11	<b>5250</b>
	Double RJ12	<b>5260</b>
	Double RJ45 cat5	<b>5270</b>
	Double RJ45 cat6	<b>5280</b>
	RJ11+RJ12	<b>5300</b>
	RJ11+RJ45 cat5	<b>5310</b>
	RJ11+RJ45 cat6	<b>5320</b>
	RJ12+RJ45 cat5	<b>5330</b>
	RJ12+RJ45 cat6	<b>5340</b>
 <b>TV CO-AXIAL SOCKETS</b>		
	TV CO-AXIAL socket	<b>4310</b>
	TV/FM CO-AXIAL socket	<b>4320</b>
	TV/FM/SAT socket	<b>4330</b>
	TV/SAT socket	<b>4340</b>
	SAT socket	<b>4350</b>
	SAT/SAT socket	<b>4360</b>
 <b>DIMMER CONTROL SWITCHES</b>		
	1 gang, 250W, 1 way	<b>8210</b>
	1 gang, 250W, 2 way	<b>8220</b>
	1 gang, 400W, 1 way	<b>8410</b>
	1 gang, 400W, 2 way	<b>8420</b>
	2 gang, 250W, 1 way	<b>8212</b>
	2 gang, 250W, 2 way	<b>8222</b>
	2 gang, 400W, 1 way	<b>8412</b>
	2 gang, 400W, 2 way	<b>8422</b>
	3 gang, 250W, 1 way, double plate	<b>8213</b>
	3 gang, 250W, 2 way, double plate	<b>8223</b>
	3 gang, 400W, 1 way, double plate	<b>8413</b>
	3 gang, 400W, 2 way, double plate	<b>8423</b>
	4 gang, 250W, 1 way, double plate	<b>8214</b>
	4 gang, 250W, 2 way, double plate	<b>8224</b>
	4 gang, 400W, 1 way, double plate	<b>8414</b>
	4 gang, 400W, 2 way, double plate	<b>8424</b>
	1 gang, Fan control switch	<b>8000</b>
 <b>CABLE OUTLETS</b>		
	20A, flex outlet	<b>2032</b>
	45A, flex outlet	<b>2034</b>
 <b>BLANK PLATES</b>		
	▲ single	<b>1100</b>
	▲ double	<b>1200</b>
 <b>HOTEL ACCESSORIES</b>		
	Dnd & CleanUp + bell push switch	<b>1331</b>
	Key card switch	<b>1300</b>

## METAL PLATE CODE

	<b>POLISHED BRASS</b>
cod.	PB
	<b>SATIN BRASS</b>
cod.	SB
	<b>POLISHED CHROME</b>
cod.	PC
	<b>SATIN CHROME</b>
cod.	SC
	<b>POLISHED BLACK NICKEL</b>
cod.	PN

## PLASTIC INSERT CODE

	<b>BLACK</b>
cod.	B
	<b>WHITE</b>
cod.	W

## EXAMPLE CODE

**107. MS 8210 PB W**

▲ **107. MS 1100 PB**



# LUXURY Series

## PIANA LINE

1

2

FLUSH MOUNTING

3

FAMILY  
CODE

107.

LINE  
CODE

PI

### FUNCTION DESCRIPTION



#### SINGLE POLE SWITCHES



1 gang, 10AX, 2 way

3211

1 gang, 20AX, 2 way

3212



2 gang, 10AX, 2 way

3221

2 gang, 20AX, 2 way

3222



3 gang, 10AX, 2 way, single plate

3231



3 gang, 20AX, 2 way, double plate

3232



4 gang, 10AX, 2 way, double plate

3241

4 gang, 20AX, 2 way, double plate

3242



6 gang, 10AX, 2 way, double plate

3261

6 gang, 20AX, 2 way, double plate

3262



1 gang, 10AX, Intermediate switch

3111

1 gang, 20AX, Intermediate switch

3112

1 gang, 10A, bell push button

3311

1 gang, 10A, push button, "Press", with neon

3312

1 gang, 10A, 3P, fan isolator switch

3611



#### DOUBLE POLE SWITCHES



1 gang, 20A, with neon

3462

1 gang, 20A, "Air Conditioner" with neon

3461

1 gang, 20A, "Water Heater" with neon

3463



1 gang, 32A, with neon

3467



1 gang, 45A, with neon

3464

1 gang, 45A, "Air Conditioner", with neon

3465

1 gang, 45A, "Cooker", with neon

3466



1 gang, 45A, with neon, double plate

3474

1 gang, 45A, "Air Conditioner" with neon, double plate

3471

1 gang, 45A, "Cooker", with neon, double plate

3476



#### 13A SPUR UNITS



with fuse, DP switch and neon

3400

with fuse and DP switch

3410



with fuse and neon

3420

with fuse

3430



#### BRITISH STANDARD SOCKETS



13A single

4001



13A SS, DP switch

4012

13A SS, DP switch, with neon

4022



13A DS, DP switch

4032

13A DS, DP switch, with neon

4042



13A SS, DP switch, 45A DP switch, with neon

4061



15A SS, DP switch

4111



5A SS, SP switch

4015



#### INTERNATIONAL STANDARD SOCKETS



Shaver supply unit, (115/230V), double plate

4200



16A German single

4007



16A Euro-American single

4210



16A Euro-American double

4220



16A Euro-American single, +10AX, SP switch

4230



15A 127V American single

4211



15A 127V American double

4221



15A 127V American single, +10AX, SP switch

4231



16A, international single

4212



16A, international single, +10AX, SP switch

4232

SP= Single Pole DP= Double Pole SS= Single Switchsocket DS= Double Switchsocket ▲ = No need for plastic insert code

## FUNCTION DESCRIPTION

**TEL. & DATA SOCKETS**Telephone, BT master **4610**Telephone, BT secondary **4620**RJ11 **5210**RJ12 **5220**RJ45 cat5 **5230**RJ45 cat6 **5240**Double RJ11 **5250**Double RJ12 **5260**Double RJ45 cat5 **5270**Double RJ45 cat6 **5280**RJ11+RJ12 **5300**RJ11+RJ45 cat5 **5310**RJ11+RJ45 cat6 **5320**RJ12+RJ45 cat5 **5330**RJ12+RJ45 cat6 **5340****TV CO-AXIAL SOCKETS**TV CO-AXIAL socket **4310**TV/FM CO-AXIAL socket **4320**TV/FM/SAT socket **4330**TV/SAT socket **4340**SAT socket **4350**SAT/SAT socket **4360****DIMMER CONTROL SWITCHES**1 gang, 250W, 1 way **8210**1 gang, 250W, 2 way **8220**1 gang, 400W, 1 way **8410**1 gang, 400W, 2 way **8420**2 gang, 250W, 1 way **8212**2 gang, 250W, 2 way **8222**2 gang, 400W, 1 way **8412**2 gang, 400W, 2 way **8422**3 gang, 250W, 1 way, double plate **8213**3 gang, 250W, 2 way, double plate **8223**3 gang, 400W, 1 way, double plate **8413**3 gang, 400W, 2 way, double plate **8423**4 gang, 250W, 1 way, double plate **8214**4 gang, 250W, 2 way, double plate **8224**4 gang, 400W, 1 way, double plate **8414**4 gang, 400W, 2 way, double plate **8424**1 gang, Fan control switch **8000****CABLE OUTLETS**20A, flex outlet **2032**45A, flex outlet **2034****BLANK PLATES**▲ single **1100**▲ double **1200**

## METAL PLATE CODE

**POLISHED BRASS**cod. **PB****SATIN BRASS**cod. **SB****POLISHED CHROME**cod. **PC****SATIN CHROME**cod. **SC****POLISHED BLACK NICKEL**cod. **PN**

## PLASTIC INSERT CODE

**BLACK**cod. **B****WHITE**cod. **W**

## EXAMPLE CODE

**107. PI 8210 PB W**▲ **107. PI 1100 PB**

# LUXURY Series

## FUTURA LINE

1

2

FLUSH MOUNTING

3

FAMILY  
CODE

107.

LINE  
CODE

FT

### FUNCTION DESCRIPTION



#### SINGLE POLE SWITCHES



1 gang, 10AX, 2 way **3211**

1 gang, 20AX, 2 way **3212**



2 gang, 10AX, 2 way **3221**

2 gang, 20AX, 2 way **3222**



3 gang, 10AX, 2 way, single plate **3231**



3 gang, 20AX, 2 way, double plate **3232**



4 gang, 10AX, 2 way, double plate **3241**

4 gang, 20AX, 2 way, double plate **3242**



6 gang, 10AX, 2 way, double plate **3261**

6 gang, 20AX, 2 way, double plate **3262**



1 gang, 10AX, Intermediate switch **3111**

1 gang, 20AX, Intermediate switch **3112**

1 gang, 10A, bell push button **3311**

1 gang, 10A, push button, "Press", with neon **3312**



#### SINGLE POLE LARGE ROCKER SWITCHES



1 gang, 10AX, 2 way **6211**

1 gang, 20AX, 2 way **6212**

1 gang, 10A, Bell push button **6311**

1 gang, 10A, push button, "Press" **6312**



#### DOUBLE POLE SWITCHES



1 gang, 20A, with neon **3462**

1 gang, 20A, "Air Conditioner" with neon **3461**

1 gang, 20A, "Water Heater" with neon **3463**



1 gang, 32A, with neon **3467**



1 gang, 45A, with neon **3464**

1 gang, 45A, "Air Conditioner", with neon **3465**

1 gang, 45A, "Cooker", with neon **3466**



1 gang, 45A, with neon, double plate **3474**

1 gang, 45A, "Air Conditioner" with neon,  
double plate **3471**

1 gang, 45A, "Cooker", with neon, double plate **3476**



#### 13A SPUR UNITS



with fuse, DP switch and neon **3400**

with fuse and DP switch **3410**



with fuse and neon **3420**

with fuse **3430**



#### BRITISH STANDARD SOCKETS



13A single **4001**



13A SS, DP switch **4012**

13A SS, DP switch, with neon **4022**



13A DS, DP switch **4032**

13A DS, DP switch, with neon **4042**



13A SS, DP switch, 45A DP switch, with neon **4061**



13A DS, DP switch with neon + RCD, with neon **4072**


































15A SS, DP switch **4111**





5A SS, SP switch **4015**



SP= Single Pole DP= Double Pole SS= Single Switchsocket DS= Double Switchsocket

FUNCTION DESCRIPTION		
<b>INTERNATIONAL STANDARD SOCKETS</b>		
	Shaver supply unit, (115/230V), double plate	<b>4200</b>
	16A German single	<b>4007</b>
	16A Euro-American single	<b>4210</b>
	16A Euro-American double	<b>4220</b>
	16A Euro-American single, +10AX, SP switch	<b>4230</b>
	15A 127V American single	<b>4211</b>
	15A 127V American double	<b>4221</b>
	15A 127V American single, +10AX, SP switch	<b>4231</b>
	16A, international single	<b>4212</b>
	16A, international single, +10AX, SP switch	<b>4232</b>
<b>TEL. SOCKETS</b>		
	Telephone, BT master	<b>4610</b>
	Telephone, BT secondary	<b>4620</b>
<b>DIMMER CONTROL SWITCHES</b>		
	1 gang, 500W, 1way	<b>8010</b>
	1 gang, 500W, 2 way	<b>8020</b>
	1 gang, 1000W, 1 way	<b>8110</b>
	1 gang, 1000W, 2 way	<b>8120</b>
	2 gang, 500W, 1 way	<b>8012</b>
	2 gang, 500W, 2 way	<b>8022</b>
	3 gang, 500W, 1 way, double plate	<b>8013</b>
	3 gang, 500W, 2 way, double plate	<b>8023</b>
	4 gang, 500W, 1 way, double plate	<b>8014</b>
	4 gang, 500W, 2 way, double plate	<b>8024</b>
	1 gang, Fan control switch	<b>8000</b>
<b>HOTEL ACCESSORIES</b>		
	Dnd&Clean up indicator + bell push switch	<b>1331</b>
	Key card	<b>1300</b>
<b>CABLE OUTLET</b>		
	20A, flex outlet	<b>2032</b>
	45A, flex outlet	<b>2034</b>
<b>BLANK PLATES</b>		
	single	<b>1100</b>
	double	<b>1200</b>
<b>MODULAR FRONTPLATES</b>		
	Telephone, data socket, TV/FM/SAT, 1 mod	<b>0001</b>
	Telephone, data socket, TV/FM/SAT, 2 mod	<b>0002</b>
	Telephone, data socket, TV/FM/SAT, 4 mod	<b>0004</b>
	Control device, 3 module	<b>0013</b>
	Control device, 4 module	<b>0014</b>
	Control device, 6 module	<b>0023</b>
	Control device, 9 module	<b>0033</b>
	Control device, 12 module	<b>0034</b>
<b>MODULAR DEVICES</b>		
	10AX, 2way switch SP, 1 mod	<b>0211</b>
	20AX, 2way switch SP, 1 mod	<b>0212</b>
	Blank cover for switch, 1 mod	<b>0200</b>
	Blank cover for tel, data, TV/FM/SAT, 1 mod	<b>0400</b>
	TV socket, 1 mod	<b>0431</b>
	TV/FM/SAT socket, 2 mod	<b>0433</b>
	SAT socket, 1 mod	<b>0435</b>
	FM socket, 1 mod	<b>0437</b>
	RJ11 socket, 1 mod	<b>0511</b>
	RJ12 socket, 1 mod	<b>0512</b>
	RJ45 socket outlet, cat E5, 1 mod	<b>0515</b>
	RJ45 socket outlet, cat 6, 1 mod	<b>0516</b>

## METAL PLATE CODE

	<b>SATIN BRASS</b>	
	cod.	<b>SB</b>
	<b>SATIN CHROME</b>	
	cod.	<b>SC</b>

## PLASTIC INSERT CODE

	<b>BLACK</b>	
	cod.	<b>B</b>
	<b>WHITE</b>	
	cod.	<b>W</b>

## EXAMPLE CODE

<b>107.</b>	<b>FT</b>	<b>2111</b>	<b>SB</b>	<b>W</b>
	<b>107.</b>	<b>FT</b>	<b>0211</b>	<b>SB</b>
	<b>107.</b>	<b>FT</b>	<b>0431</b>	<b>W</b>

▲ = No need for metal plate code    ▲ = No need for plastic insert code



2.2

## NEXTA Series

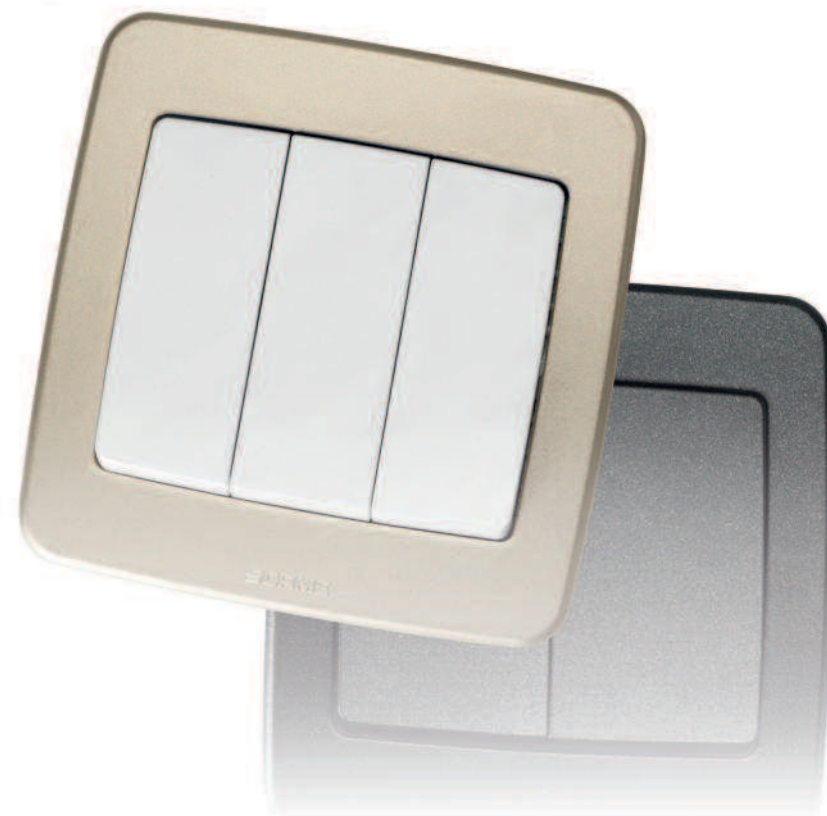
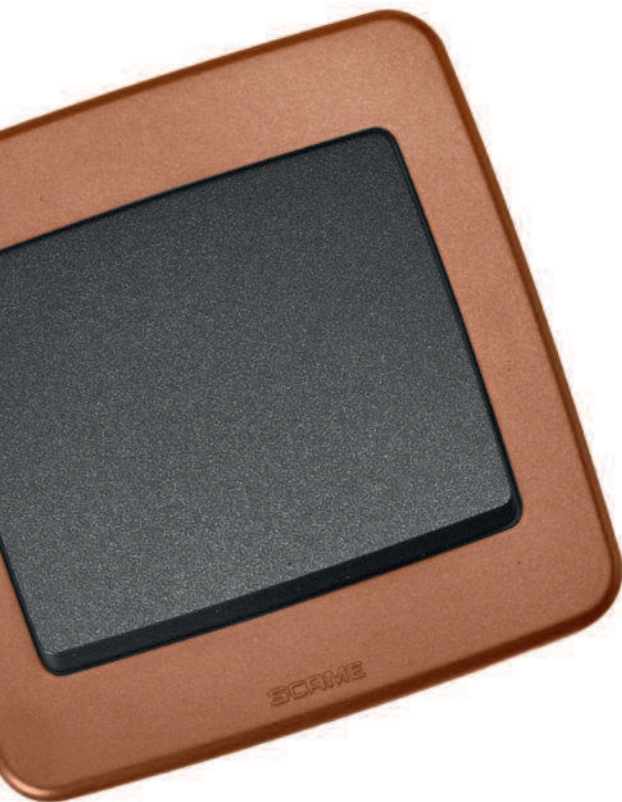
- Fully assembled
- Without frontplate
- Frontplate & accessories





The simplest things are the best. Clean lines, attractive appearance and perfect operation: this is the charm of functionality.

Scame concentrates the creativity of Italian designers and the skills of highly experienced engineers to make available to consultants, architects and designers a full range of trendy products that will be appreciated by contractors and installers for ease of installation and reliability and by the end users for aesthetics and usability.



>NEXTA<

# NEXTA Series

## SOLUTIONS

The modular system behind NEXTA project supports choices and desires of the customer, always offering the best solution to every context. To the assembled versions available in 4

attractive colours, modular plates in 6 different colours and 2 different designs can be perfectly integrated with 2 different colours of inserts in the versions without plate.

1

2

FLUSH MOUNTING

3

## CONFIGURATIONS



FULLY ASSEMBLED

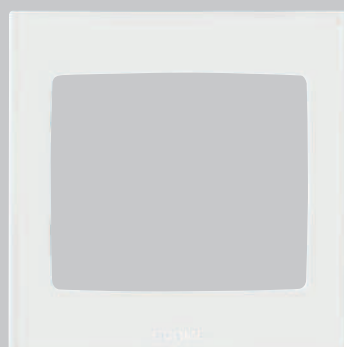


WITHOUT FRONTPLATE

## FRONTPLATES



CURVE FRONTPLATES



SQUARE FRONTPLATES

## COLOURS

The trendy colours, the finishing details and the possibility to choose the colour combinations make NEXTA always unique and suitable for any environment. Today as tomorrow.



White



Ivory



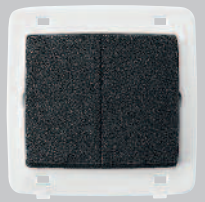
Brass



Silver



White



Anthracite



White



Ivory



Anthracite



Brass



Copper



Silver



White



Ivory



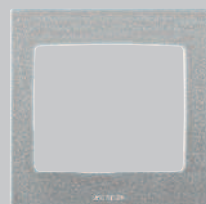
Anthracite



Brass



Copper



Silver



# NEXTA Series

## FULLY ASSEMBLED

1

2

FLUSH MOUNTING

3

FAMILY  
CODE

**108.**

FUNCTION DESCRIPTION



### SINGLE POLE SWITCHES

	1 gang, 10AX, 1 way	<b>3011</b>
	1 gang, 20AX, 1 way	<b>3012</b>
	2 gang, 10AX, 1 way	<b>3021</b>
	2 gang, 20AX, 1 way	<b>3022</b>
	3 gang, 10AX, 1 way	<b>3031</b>
	3 gang, 20AX, 1 way	<b>3032</b>
	4 gang, 10AX, 1 way	<b>3081</b>
	4 gang, 20AX, 1 way	<b>3082</b>
	4 gang, 10AX, 1 way, double plate	<b>3041</b>
	4 gang, 20AX, 1 way, double plate	<b>3042</b>
	6 gang, 10AX, 1 way, double plate	<b>3061</b>
	6 gang, 20AX, 1 way, double plate	<b>3062</b>
	1 gang, 10AX, intermediate	<b>3111</b>
	1 gang, 20AX, intermediate	<b>3112</b>
	1 gang, 10AX, 2 way	<b>3211</b>
	1 gang, 20AX, 2 way	<b>3212</b>
	2 gang, 10AX, 2 way	<b>3221</b>
	2 gang, 20AX, 2 way	<b>3222</b>
	3 gang, 10AX, 2 way	<b>3231</b>
	3 gang, 20AX, 2 way	<b>3232</b>
	4 gang, 10AX, 2 way	<b>3281</b>
	4 gang, 20AX, 2 way	<b>3282</b>
	4 gang, 10AX, 2 way, double plate	<b>3241</b>
	4 gang, 20AX, 2 way, double plate	<b>3242</b>
	1 gang, 10A, bell push, "BELL"	<b>3311</b>
	1 gang, 10A, bell push, "PRESS"	<b>3312</b>



### DOUBLE POLE SWITCHES

	1 gang, 20A, "Air Conditioner", with neon	<b>3461</b>
	1 gang, 20A, with neon	<b>3462</b>
	1 gang, 20A, "Water Heater", with neon	<b>3463</b>
	1 gang, 32A, with neon	<b>3467</b>
	1 gang, 45A, with neon	<b>3464</b>
	1 gang, 45A, "Air Conditioner", with neon	<b>3465</b>
	1 gang, 45A, "Cooker", with neon	<b>3466</b>
	1 gang, 45A, "Air Conditioner", with neon, double plate	<b>3471</b>
	1 gang, 45A, with neon, double plate	<b>3474</b>
	1 gang, 45A, "Cooker", with neon, double plate	<b>3476</b>



### 13A SPUR UNITS

	Fuse+switch+neon	<b>3400</b>
	Fuse+switch	<b>3410</b>
	Fuse+neon	<b>3420</b>
	Fuse	<b>3430</b>



### BRITISH STANDARD SOCKET

	13A, SS	<b>4011</b>
	13A, SS, DP switch	<b>4012</b>
	13A, SS, with neon	<b>4021</b>
	13A, SS, DP switch+neon	<b>4022</b>
	13A, DS	<b>4031</b>
	13A, DS, DP switch	<b>4032</b>
	13A, DS, with neon	<b>4041</b>
	13A, DS, DP switch, with neon	<b>4042</b>
	13A, SS, DP switch + 45A, DP switch, with neon	<b>4061</b>
	13A, DS, DP switch + RCD, with neon	<b>4072</b>
	5A, SS, SP switch	<b>4015</b>
	15A, SS, SP switch	<b>4111</b>

SP= Single Pole DP= Double Pole SS= Single Switchsocket DS= Double Switchsocket

## FUNCTION DESCRIPTION

**INTERNATIONAL STANDARD SOCKET**

	16A, German, single	<b>4007</b>
	15A, American, single	<b>4211</b>
	15A, American, double	<b>4221</b>
	15A, American, single + 10AX, SP switch	<b>4231</b>
	16A, International, single	<b>4212</b>
	16A, International, single + 10AX, SP switch	<b>4232</b>

**HOTEL ACCESSORIES**

	Key card switch	<b>1300</b>
	Dnd&CleanUp + bell push switch	<b>1331</b>
	115/230V, shaver supply unit	<b>4200</b>

**CABLE OUTLET**

	20A, Cable outlet	<b>2032</b>
	45A, Cable outlet	<b>2034</b>

**TEL & DATA SOCKETS**

	Telephone, BT master	<b>4610</b>
	Telephone, BT secondary	<b>4620</b>
	RJ11	<b>5210</b>
	RJ12	<b>5220</b>
	RJ45 cat5	<b>5230</b>
	RJ45 cat6	<b>5240</b>
	Double RJ11	<b>5250</b>
	Double RJ12	<b>5260</b>
	Double RJ45 cat5	<b>5270</b>
	Double RJ45 cat6	<b>5280</b>
	RJ11+RJ12	<b>5300</b>
	RJ11+RJ45 cat5	<b>5310</b>
	RJ11+RJ45 cat6	<b>5320</b>
	RJ12+RJ45 cat5	<b>5330</b>
	RJ12+RJ45 cat6	<b>5340</b>

**TV SOCKETS**

	TV CO-AXIAL	<b>4310</b>
	TV/FM CO-AXIAL	<b>4320</b>
	TV/FM/SAT	<b>4330</b>
	TV/SAT	<b>4340</b>
	SAT	<b>4350</b>
	SAT/SAT	<b>4360</b>

**DIMMER CONTROL SWITCHES**

	1 gang, 80W, Fan control	<b>8000</b>
	1 gang, 500W, 1 way	<b>8010</b>
	2 gang, 500W, 1 way	<b>8012</b>
	1 gang, 500W, 2 way	<b>8020</b>
	2 gang, 500W, 2 way	<b>8022</b>
	1 gang, 1000W, 1 way	<b>8110</b>
	1 gang, 1000W, 2 way	<b>8120</b>

## COLOUR CODE

	<b>WHITE</b> cod. .WW
	<b>IVORY</b> cod. .II
	<b>BRASS</b> cod. .BB
	<b>SILVER</b> cod. .SS

## EXAMPLE CODE

**108.3011.WW**

# NEXTA Series

## WITHOUT FRONTPLATE

1

2

FLUSH MOUNTING

3

FAMILY  
CODE

108.

FUNCTION DESCRIPTION



### SINGLE POLE SWITCHES



1 gang, 10AX, 1 way **3011**

1 gang, 20AX, 1 way **3012**



2 gang, 10AX, 1 way **3021**

2 gang, 20AX, 1 way **3022**



3 gang, 10AX, 1 way **3031**

3 gang, 20AX, 1 way **3032**



4 gang, 10AX, 1 way **3081**

4 gang, 20AX, 1 way **3082**



4 gang, 10AX, 1 way, double plate **3041**

4 gang, 20AX, 1 way, double plate **3042**



6 gang, 10AX, 1 way, double plate **3061**

6 gang, 20AX, 1 way, double plate **3062**



1 gang, 10AX, intermediate **3111**

1 gang, 20AX, intermediate **3112**

1 gang, 10AX, 2 way **3211**

1 gang, 20AX, 2 way **3212**



2 gang, 10AX, 2 way **3221**

2 gang, 20AX, 2 way **3222**



3 gang, 10AX, 2 way **3231**

3 gang, 20AX, 2 way **3232**



4 gang, 10AX, 2 way **3281**

4 gang, 20AX, 2 way **3282**



4 gang, 10AX, 2 way, double plate **3241**

4 gang, 20AX, 2 way, double plate **3242**



1 gang, 10A, bell push, "BELL" **3311**

1 gang, 10A, bell push, "PRESS" **3312**



### DOUBLE POLE SWITCHES



1 gang, 20A, "Air Conditioner", with neon **3461**

1 gang, 20A, with neon **3462**

1 gang, 20A, "Water Heater", with neon **3463**

1 gang, 32A, with neon **3467**

1 gang, 45A, with neon **3464**

1 gang, 45A, "Air Conditioner", with neon **3465**

1 gang, 45A, "Cooker", with neon **3466**



1 gang, 45A, "Air Conditioner", with neon, double plate **3471**

1 gang, 45A, with neon, double plate **3474**

1 gang, 45A, "Cooker", with neon, double plate **3476**



### 13A SPUR UNITS



Fuse+switch+neon **3400**

Fuse+switch **3410**

Fuse+neon **3420**

Fuse **3430**



### BRITISH STANDARD SOCKET



13A, SS **4011**

13A, SS, DP switch **4012**

13A, SS, with neon **4021**

13A, SS, DP switch+neon **4022**



13A, DS **4031**

13A, DS, DP switch **4032**

13A, DS, with neon **4041**

13A, DS, DP switch, with neon **4042**



13A, SS, DP switch + 45A, DP switch, with neon **4061**



13A, DS, DP switch + RCD, with neon **4072**





































5A, SS, SP switch **4015**



15A, SS, SP switch **4111**

SP= Single Pole DP= Double Pole SS= Single Switchsocket DS= Double Switchsocket

FUNCTION DESCRIPTION			COLOUR CODE	
	<b>INTERNATIONAL STANDARD SOCKET</b>			<b>WHITE</b> cod. ....W
	16A, German, single	<b>4007</b>		<b>ANTHRACITE</b> cod. ....A
	15A, American, single	<b>4211</b>		
	15A, American, double	<b>4221</b>		
	15A, American, single + 10AX, SP switch	<b>4231</b>		
	16A, International, single	<b>4212</b>		
	16A, International, single + 10AX, SP switch	<b>4232</b>		
	<b>TEL &amp; DATA SOCKETS</b>			
	Telephone, BT master	<b>4610</b>		
	Telephone, BT secondary	<b>4620</b>		
	RJ11	<b>5210</b>		
	RJ12	<b>5220</b>		
	RJ45 cat5	<b>5230</b>		
	RJ45 cat6	<b>5240</b>		
	Double RJ11	<b>5250</b>		
	Double RJ12	<b>5260</b>		
	Double RJ45 cat5	<b>5270</b>		
	Double RJ45 cat6	<b>5280</b>		
	RJ11+RJ12	<b>5300</b>		
	RJ11+RJ45 cat5	<b>5310</b>		
	RJ11+RJ45 cat6	<b>5320</b>		
	RJ12+RJ45 cat5	<b>5330</b>		
	RJ12+RJ45 cat6	<b>5340</b>		
	<b>TV SOCKETS</b>			
	TV CO-AXIAL	<b>4310</b>		
	TV/FM CO-AXIAL	<b>4320</b>		
	TV/FM/SAT	<b>4330</b>		
	TV/SAT	<b>4340</b>		
	SAT	<b>4350</b>		
	SAT/SAT	<b>4360</b>		
	<b>DIMMER CONTROL SWITCHES</b>			
	1 gang, 80W, Fan control	<b>8000</b>		
	1 gang, 500W, 1 way	<b>8010</b>		
	2 gang, 500W, 1 way	<b>8012</b>		
	1 gang, 500W, 2 way	<b>8020</b>		
	2 gang, 500W, 2 way	<b>8022</b>		
	1 gang, 1000W, 1 way	<b>8110</b>		
	1 gang, 1000W, 2 way	<b>8120</b>		
	<b>HOTEL ACCESSORIES</b>			
	Key card switch	<b>1300</b>		
	Dnd&CleanUp + bell push switch	<b>1331</b>		
	115/230V, shaver supply unit	<b>4200</b>		
	<b>CABLE OUTLETS</b>			
	20A, Cable outlet	<b>2032</b>		
	45A, Cable outlet	<b>2034</b>		
	<b>MODULAR DEVICES</b>			
	Blank cover for switches, 1 mod	<b>0200</b>		
	10AX, 2 way, SP switch, 1 mod	<b>0211</b>		
	20AX, 2 way, SP switch, 1 mod	<b>0212</b>		

EXAMPLE CODE

108.3011.W

# NEXTA Series
































## FRONTPLATE & ACCESSORIES

1

2

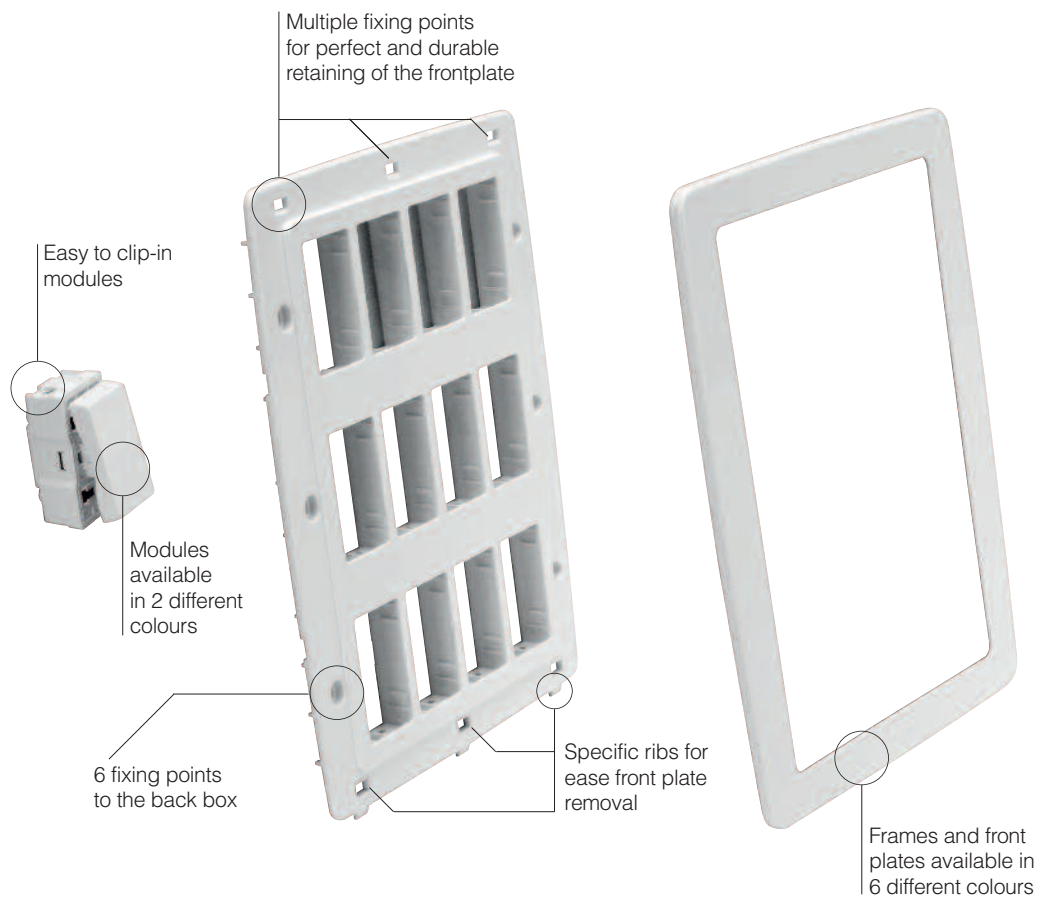
FLUSH MOUNTING

3

FAMILY CODE	FUNCTION DESCRIPTION	METAL PLATE CODE
108.	 <b>CURVE FRONTPLATES</b>	 <b>WHITE</b> cod. .W  <b>IVORY</b> cod. .I  <b>ANTHRACITE</b> cod. .A  <b>BRASS</b> cod. .B  <b>COPPER</b> cod. .C  <b>SILVER</b> cod. .S
	 Single, for SP switches 0013	
	 Double, for SP switches 0023	
	 Single, for devices 0113	
	 Double, for devices 0123	
	 Double, for vertical devices 0124	
	 Single blank 1100	
	 Double blank 1200	
	 <b>SQUARE FRONTPLATES</b>	
	 Single, for SP switches Q0013	
	 Double, for SP switches Q0023	
	 Single, for devices Q0113	
	 Double, for devices Q0123	
	 Double, for vertical devices Q0124	
	 <b>MODULAR FRONT PLATES</b>	
	 9 gang, for SP modular switches 0033	
	 12 gang, for SP modular switches 0043	
	 18 gang, for SP modular switches 0063	
	 <b>SURFACE BOXES</b>	
	 ▲ Single, 35 mm 1010	
	 ▲ Double, 35 mm 1020	
	 <b>CEILING ROSES</b>	
	 ▲ 6A 250V plug-in type 3 PIN 1000	
	 ▲ 6A 250V plug-in type 4 PIN 1001	
		
		EXAMPLE CODE
		108.0013.W

▲ Available only in white (.W) and ivory (.I) colour  
 ▲ Available only in white (.W), ivory (.I) and red (.R) colour

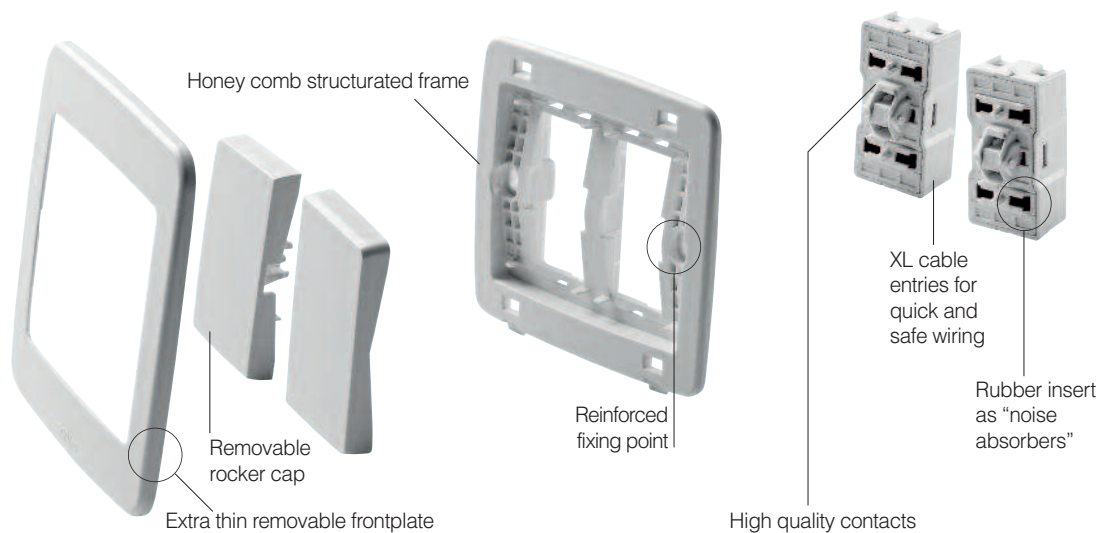
## MODULAR GREED



## THE APPEARANCE AND THE SUBSTANCE

The honeycomb frame provides maximum strength and retaining capacity of the modules, all in a strong lightweight structure that only a careful design can provide.

Solid modules designed for durability and rubber inserts to reduce noise during use. An eloquent silence that speaks of a charm never noisy.







2.3

## INNOVA Series





Reliability and safety are today the essential features of a new product; however, if design is not in line with trends, architects, consultants and end users cannot be delighted. The look of Innova products is distinctly different: a special care for each detail makes the difference.

Traditional features are kept intact, yet an innovative elegant design makes Innova and you a winning team.



# INNOVA Series

## IN ITALY TECHNOLOGY IS FASHION

The most attractive (and challenging) part of design is to synchronise with technology. Italian style does not mean only beauty, but also functional technique. This is why Innova solutions simplify the work of the installer, and offer the end user a reliable

product that lasts throughout time. The assembly method is practical, wiring is quick and safe, finish is perfect. The Innovarange proposes modules to complete any civil installation with an outstanding aesthetic appeal.

### 1 2 FLUSH MOUNTING

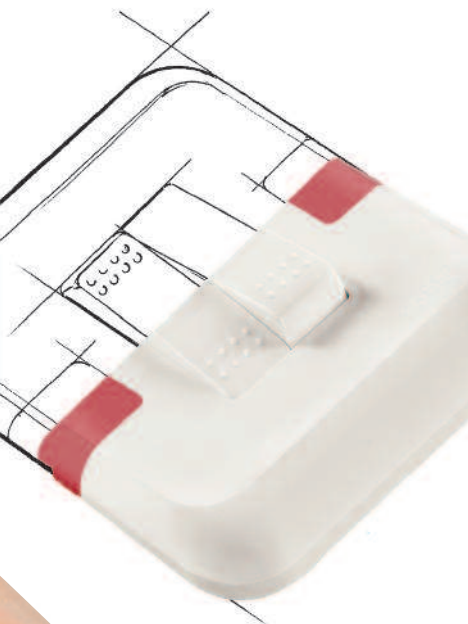
3



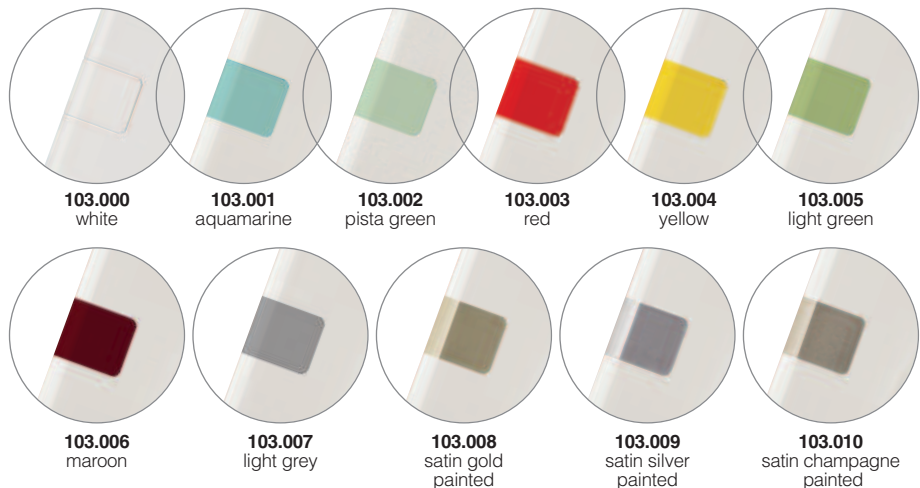
### BEAUTY AND TECHNOLOGY THE SECRET IS THE BALANCE

Every good project has its own secret. Innova fulfils technical parameters by adopting state-of-art manufacturing processes, and stringent quality control measures from raw material to the final finish product. Innova elegant design features a unique large rocker and

the exclusive screw-cover system, that become a design element. For an additional touch of customization, the plate may become an element of the furniture perfectly integrated with the environment, through a selection of the most appropriate colours.



#### REMOVABLE SCREW COVERS



FAMILY  
CODE

**103.**

FUNCTION DESCRIPTION



## SINGLE POLE SWITCHES


1 gang, 10AX, 1 way **3011**

2 gang, 10AX, 1 way **3021**

3 gang, 10AX, 1 way **3031**

3 gang, 20AX, 1 way **3032**

6 gang, 10AX, 1 way, double plate **3061**

6 gang, 20AX, 1 way, double plate **3062**

1 gang, 10AX, intermediate **3111**

1 gang, 10AX, 2 way **3211**

2 gang, 10AX, 2 way **3221**

3 gang, 10AX, 2 way **3231**

3 gang, 20AX, 2 way, **3232**

6 gang, 10AX, 2 way, double-plate **3261**

6 gang, 20AX, 2 way, double-plate **3262**


## SINGLE POLE LARGE ROCKER SWITCHES


1 gang, 10AX, 1 way **6011**

1 gang, 20AX, 1 way **6012**

2 gang, 10AX, 1 way **6021**

2 gang, 20AX, 1 way **6022**

4 gang, 10AX, 1 way, double plate **6041**

4 gang, 20AX, 1 way, double plate **6042**

1 gang, 10AX intermediate **6111**

1 gang, 20AX intermediate **6112**

1 gang, 10AX, 2 way **6211**

1 gang, 20AX, 2 way **6212**

2 gang, 10AX, 2 way **6221**

2 gang, 20AX, 2 way **6222**

4 gang, 10AX, 2 way, double plate **6241**

4 gang, 20AX, 2 way, double plate **6242**

1 gang, 10A push button with bell symbol **6311B**

1 gang, 10A push button marked "PRESS" **6311P**

1 gang, 10A push button marked

"PRESS" with neon **6311N**


## DOUBLE POLE SWITCHES


1 gang, 20A, with neon **3462**

1 gang, 20A, "Air Conditioner", with neon **3462A**

1 gang, 20A, "Water Heater", with neon **3462W**

1 gang, 45A, with neon **3464**

1 gang, 45A, "Air Conditioner", with neon **3464A**

1 gang, 45A, "Cooker", with neon **3464C**

1 gang, 45A, with neon, double plate **3474**

1 gang, 45A, "Air Conditioner", with neon,

double plate **3474A**

1 gang, 45A, "Cooker", with neon,

double plate **3474C**


## SPUR UNITS


Fuse+switch+neon **340**

Fuse+switch **341**

Fuse+neon **342**

Fuse **343**


## BRITISH STANDARD SOCKETS


13A **4001**

13A, SS **4011**

5A, SS **4015**

13A, SS, with neon **4021**

13A, DS **4031**

13A, DS, with neon **4041**



13A, SS, DP switch + 45A,

DP switch, with neon **4061**


15A, SS, SP switch **4111**


SP= Single Pole DP= Double Pole SS= Single Switchsocket DS= Double Switchsocket


FUNCTION DESCRIPTION





INTERNATIONAL STANDARD SOCKETS


16A, German, single4007


16A, Euro-American, single421


16A, Euro-American, double422


16A, Euro-American, single SS423


15A, Euro-American, single + 10AX, SP switch socket424

15A, American, single425


15A, American, double426

15A, American, single + 10AX, SP switch socket427


16A, International, single + 10AX, SP switch socket4232





TEL & DATA SOCKETS


Telephone, BT master461

Telephone, BT secondary462

Single modular plate500

Single module holder501


Double module holder502

RJ11 module511

RJ12 module512

RJ45 (cat. 5) module515

RJ45 (cat. 6) module516

RJ11521

RJ12522

RJ45 cat5523

RJ45 cat6524

Double RJ11525

Double RJ12526

Double RJ45 cat5527

Double RJ45 cat6528


RJ11+RJ12530

RJ11+RJ45 cat5531


RJ11+RJ45 cat6532


RJ12+RJ45 cat5533


RJ12+RJ45 cat6534





TV SOCKETS


TV CO-AXIAL431


TV/FM CO-AXIAL432

TV/FM/SAT433


TV/SAT434


SAT435

SAT/SAT436



DIMMER CONTROL SWITCHES


1 gang, 80W, Fan control800

1 gang, 500W, 1 way801


1 gang, 500W, 2 way802


1 gang, 1000W, 1 way811

1 gang, 1000W, 2 way812




HOTEL ACCESSORIES


115/230V, shaver supply unit420




CABLE OUTLETS


20A, Cable outlet2032

45A, Cable outlet2034





CEILING ROSE


Ceiling rose200




SURFACE BOXES


Single, 35mm101


Double, 35mm102






BLANK PLATES

Single201

Single with 1 hole201.H

Single with 2 holes201.HH

Double202

COLOUR CODE	
	<b>WHITE</b> cod. _____
	<b>IVORY</b> cod. _____ .V
EXAMPLE CODE	
<b>103.3011</b> <b>103.3011.V</b>	





2.4

## KOMPAS Series



The pleasure of Italian design,  
the safety of Scame technology: Kompas enters  
homes worldwide with elegance and discretion.  
The Kompas design is appreciated for two  
reasons: its appealing appearance and  
convenient use. The soft lines and rounded  
profiles make Kompas an attractive article which  
harmoniously blends in with any furnishing  
context. From the technical point of view,  
the design ensures perfect ergonomics of the  
switches, with smooth and soundless  
movements. The sturdy structure  
and simple assembly  
make Kompas a  
winning choice for  
both installers and  
the end user.



&gt;KOMPAS&lt;

# KOMPAS Series

1

2

FLUSH MOUNTING

3

## A LOVELY COMBINATION IS NOT AN ACCIDENT

The three base colours allow you to meet every chromatic coordination need in a simple yet elegant manner, but Kompas also offers the possibility to combine frame and module colours to create new solutions which are surprisingly original and

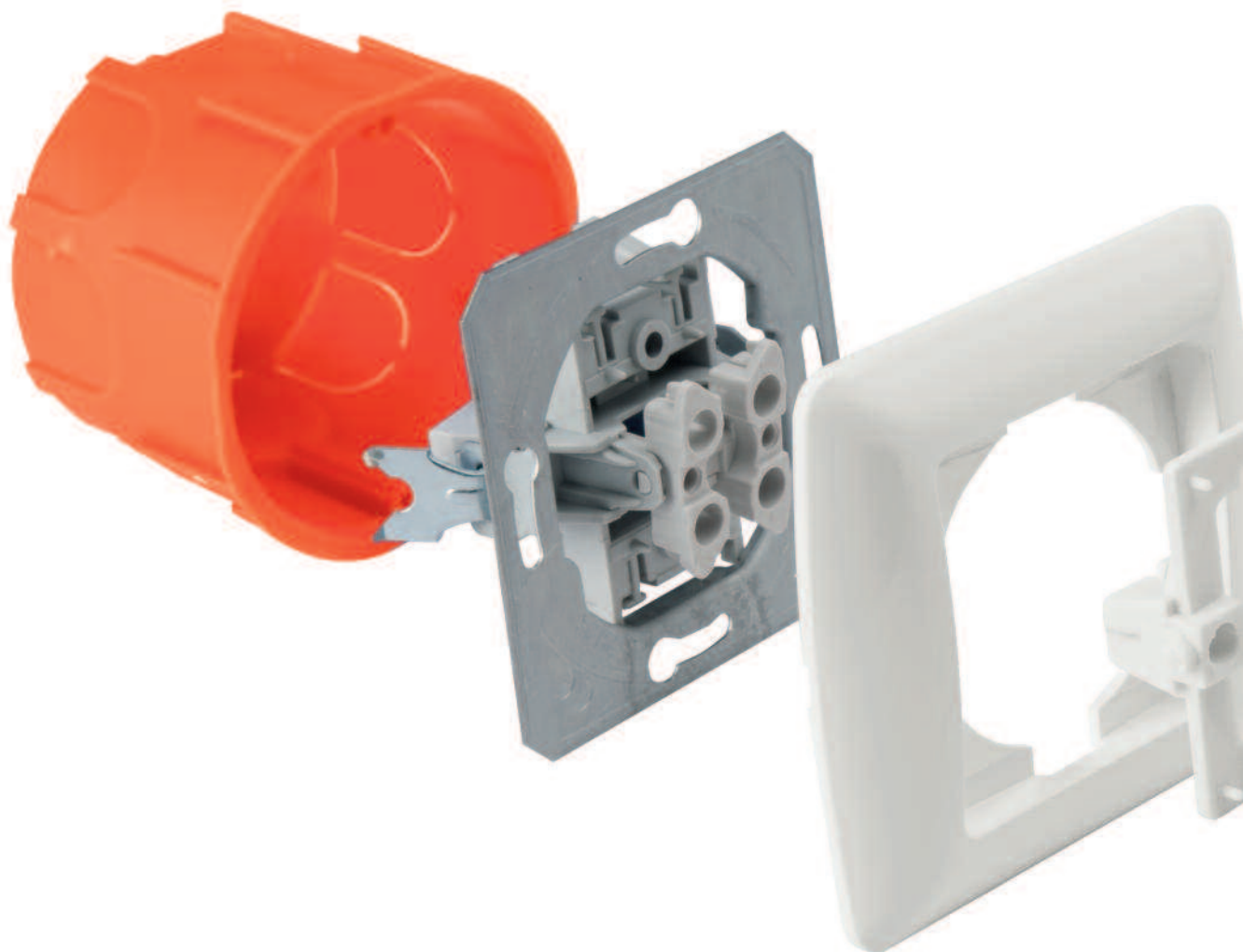
sophisticated. The possibility to use multiple elements arranged horizontally or vertically increases the creative opportunities for furnishing the ambient and allow ideal utilization of the space.



Black plate /  
White controls combination

White

Silver

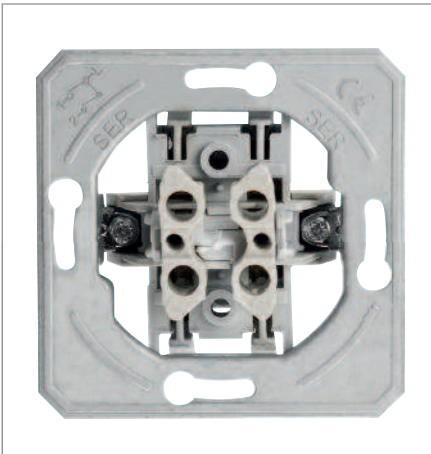


**EASY TO INSTALL. RELIABLE TO USE.**

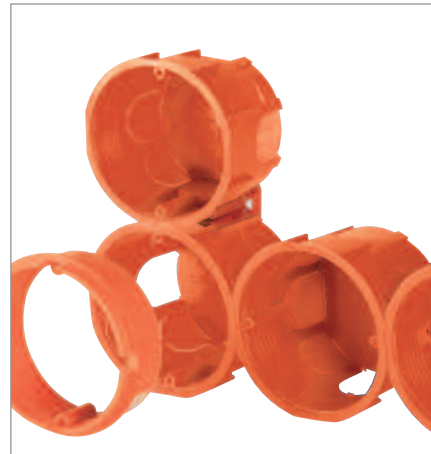
The quick-coupling contact makes wiring fast and safe. The same contact can also house two wires with different diameters.



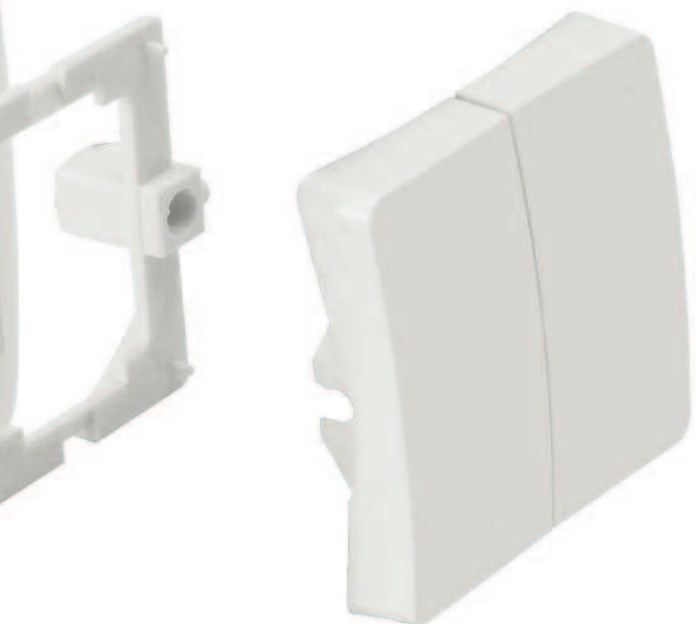
The system for fastening to the flush-mounting box ensures maximum tightness even with tiling.



All the switches are supplied with clear identification of their technical specifications, impressed directly on the frame.



Boxes can be assembled either horizontally or vertically.



## FULLY ASSEMBLED

1

2

FLUSH MOUNTING

3

FAMILY  
CODE

133.

FUNCTION DESCRIPTION



### SWITCHES



1 gang, 10AX-250V, 1 way switch **1110**

1 gang, 10AX-250V, 1 way switch with light (\*) **1110L**



2 gang, 10AX-250V, 1 way switch **1111**



1 gang, 10AX-250V, 2 poles switch **1115**

1 gang, 10AX-250V, 2 way switch **1120**



2 gang, 10AX-250V, 2 way switch **1121**



1 gang, 10AX-250V, intermediate switch **1130**

1 gang, 10AX-250V, push button **1140**

1 gang, 10AX-250V, push button with light (\*) **1140L**

1 gang, 10AX-250V, push button  
with light lamp symbol (\*) **1140LL**

1 gang, 10AX-250V, push button  
with light bell symbol (\*) **1140LB**

1 gang, 10AX-250V,  
push button name holder **1140LN**



2 gang, 10AX-250V, push button **1141**



### INTERNATIONAL STANDARD SOCKETS



16A, German, single unshuttered **2101**

16A, German, single shuttered **2101P**



▲ 16A, German,  
double unshuttered - white **2201.W**



16A, French, single shuttered **2102**



▲ 16A, French,  
double unshuttered - white **2202.W**



### TEL & DATA SOCKETS



1x RJ12 (6/6) **4110**



2x RJ11 (6/2) **4111**



1x RJ45 (8/8) **4130**



2x RJ45 (8/8) **4131**



### TV SOCKETS



TV END-LINE **3101**



TV/FM END-LINE **3103**

TV/FM ON-LINE **3104**



TV/FM/SAT END-LINE **3106**



SAT END-LINE **3102**



### DIMMER CONTROL SWITCHES



1 gang, 400W, 1 way **5114**

1 gang, 400W, 2 way **5134**

1 gang, 500VA, 2 way **5145**



1 gang, 600VA, fancontrol **5166**




### BLANK PLATES

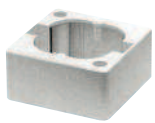


Blank plate **0190**

(\*) Lamp included ▲ = Available in white (.W), silver (.S) and black (.B) color.

COLOUR CODE	EXAMPLE CODE
 <b>WHITE</b>	<b>133.1110</b>

ACCESSORIES



Surface  
mounting box  
**133.0104**



Lamp 220V~  
**133.0006**



Connection box  
**133.0151**



Flush mounting box  
Distance MD 65-71  
**133.0001**



Flush mounting box  
Distance MD 65-91  
**133.0002**



Protective cover  
MD Ø 60  
**133.0003**



Protective cover  
MD Ø 65  
**133.0004**



Tape for box  
MD 65  
**133.0005**



Brick wall box  
MD 65  
**133.0113**



Plaster waal box  
depth 40  
**133.0121**



Plaster waal box  
depth 55  
**133.0122**



Concrete  
box depth 40  
**133.0131**



Concrete box  
depth 60  
**133.0132**



**133.0001**



71 mm



**133.0002**



91 mm

## WITHOUT FRONTPLATE







FAMILY  
CODE

**133.**

### FUNCTION DESCRIPTION





#### SWITCHES

	1 gang, 10AX-250V, 1 way switch	<b>1110</b>
	1 gang, 10AX-250V, 1 way switch with light (*)	<b>1110L</b>
	2 gang, 10AX-250V, 1 way switch	<b>1111</b>
	1 gang, 10AX-250V, 2 poles switch	<b>1115</b>
	1 gang, 10AX-250V, 2 way switch	<b>1120</b>
	2 gang, 10AX-250V, 2 way switch	<b>1121</b>
	1 gang, 10AX-250V, intermediate switch	<b>1130</b>
	1 gang, 10AX-250V, push button	<b>1140</b>
	1 gang, 10AX-250V, push button with light (*)	<b>1140L</b>
	1 gang, 10AX-250V, push button with light lamp symbol (*)	<b>140LL</b>
	1 gang, 10AX-250V, push button with light bell symbol (*)	<b>1140LB</b>
	1 gang, 10AX-250V, push button name holder	<b>1140LN</b>
	2 gang, 10AX-250V, push button	<b>1141</b>







#### INTERNATIONAL STANDARD SOCKETS

	16A, German, single unshuttered	<b>2101</b>
	16A, German, single shuttered	<b>2101P</b>
	16A, German, single shuttered ▲	<b>2101P.R</b>
	16A, French, single shuttered	<b>2102</b>







#### TEL & DATA SOCKETS

	1x RJ12 (6/6)	<b>4110</b>
	2x RJ11 (6/2)	<b>4111</b>
	1x RJ45 (8/8)	<b>4130</b>
	D2x RJ45 (8/8)	<b>4131</b>





#### TV SOCKETS

	TV END-LINE	<b>3101</b>
	TV/FM END-LINE	<b>3103</b>
	TV/FM ON-LINE	<b>3104</b>
	TV/FM/SAT END-LINE	<b>3106</b>
	SAT END-LINE	<b>3102</b>






#### DIMMER CONTROL SWITCHES









	1 gang, 400W, 1 way	<b>5114</b>
	1 gang, 400W, 2 way	<b>5134</b>
	1 gang, 500VA, 2 way	<b>5145</b>
	1 gang, 600VA, fancontrol	<b>5166</b>

(\*) Lamp included ▲ = Available in red color.



COLOUR CODE	EXAMPLE CODE
 <b>WHITE</b> cod. .W	<b>133.1110.S</b>
 <b>SILVER</b> cod. .S	
 <b>BLACK</b> cod. .B	

## FRONTPLATES

FAMILY CODE	FUNCTION DESCRIPTION	COLOUR CODE	EXAMPLE CODE
<b>133.</b>	 <b>FRONTPLATES</b>  Single frontplate <b>0191</b>  Double frontplate <b>0292</b>  Triple frontplate <b>0393</b>	 <b>WHITE</b> cod. .W  <b>SILVER</b> cod. .S  <b>CHAMPAGNE</b> cod. .C  <b>BLACK</b> cod. .B	<b>133.0191.W</b>



2.5

## EVOLVE Series



The taut lines of Evolve's design look at the future, when formal cleanliness is combined with the technical consistency of a product intended to guarantee unchanging performances over time. Minimal design, a statement of precise choice, in which soft contours and sharp edges harmoniously blend in, one with the other, to be pleasantly combined with modern and classical furnishings, yet without giving in to affected temptations.



&gt;EVOLVE&lt;

# EVOLVE Series

## COLOUR INSIDE, COLOR OUTSIDE

Linear design becomes even more appealing thanks to the chromatic component of the surfaces. In addition to six original colours and five special finishes for the frontplates available in two

different designs, Evolve also offers five colours for the modules, in order to create sober or colourful combinations, so as to satisfy the widest variety of tastes and aspirations without ever clashing.

1

2

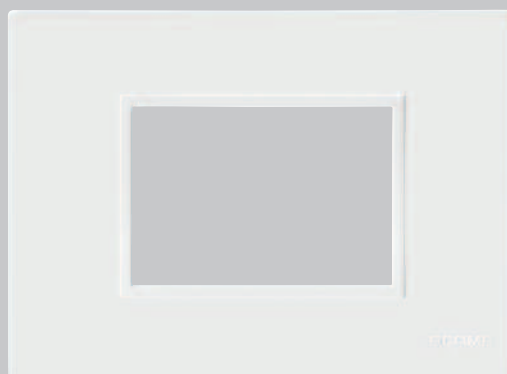
FLUSH MOUNTING

3

## FRONTPLATES



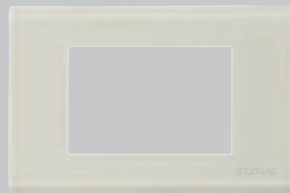
## WIDE FRONTPLATES



Architects and design engineers, as well as anyone who knows the importance of detail, never pass up a chance to enrich their interior design offer with a touch of unquestionable originality.



White



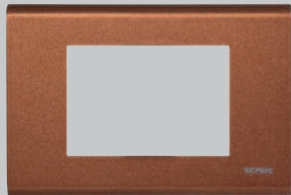
Ivory



Anthracite



Brass



Copper



Silver



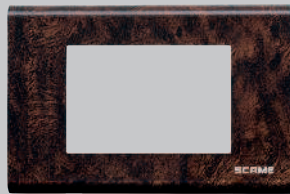
Ash



Brushed Aluminium



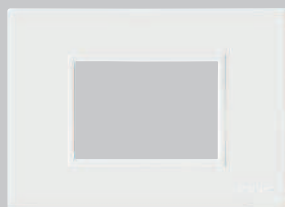
Brushed Graphite



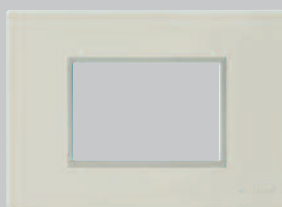
Light Briar



Wengè



White



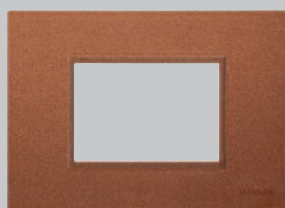
Ivory



Anthracite



Brass



Copper











Silver



# EVOLVE Series


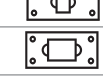
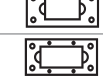
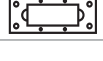

## DEVICES

1  
2  
FLUSH MOUNTING  
3


FAMILY CODE		FUNCTION DESCRIPTION																																																												
109.		<table><tr><th colspan="2">SWITCHES</th></tr><tr><td> 1 gang, 10AX 250V, 1 way SP</td><td><b>6301</b></td></tr><tr><td>1 gang, 10AX 250V, 1 way SP, with neon</td><td><b>6301L</b></td></tr><tr><td>1 gang, 20A 250V, DP</td><td><b>6302</b></td></tr><tr><td>1 gang, 20A 250V, DP, with neon</td><td><b>6302L</b></td></tr><tr><td>1 gang, 10AX 250V, Intermediate</td><td><b>6311</b></td></tr><tr><td>1 gang, 10AX 250V, 2 way SP</td><td><b>6321</b></td></tr><tr><td>1 gang, 10AX 250V, 2 way SP, with neon</td><td><b>6321L</b></td></tr><tr><td>1 gang, 10A 250V, SP Button</td><td><b>6331</b></td></tr><tr><td>1 gang, 10A 250V, SP Button, with neon</td><td><b>6331L</b></td></tr><tr><td>1 gang, 10A 250V, SP Button, BELL</td><td><b>6331B</b></td></tr><tr><td>1 gang, 10A 250V, SP Button, BELL, with neon</td><td><b>6331LB</b></td></tr><tr><td>1 gang, 10A 250V, SP Button, STAIRCASE, with neon</td><td><b>6331LS</b></td></tr><tr><td>1 gang, 10A 250V, SP Switch Rolling Shutters</td><td><b>63331</b></td></tr></table>	SWITCHES		 1 gang, 10AX 250V, 1 way SP	<b>6301</b>	1 gang, 10AX 250V, 1 way SP, with neon	<b>6301L</b>	1 gang, 20A 250V, DP	<b>6302</b>	1 gang, 20A 250V, DP, with neon	<b>6302L</b>	1 gang, 10AX 250V, Intermediate	<b>6311</b>	1 gang, 10AX 250V, 2 way SP	<b>6321</b>	1 gang, 10AX 250V, 2 way SP, with neon	<b>6321L</b>	1 gang, 10A 250V, SP Button	<b>6331</b>	1 gang, 10A 250V, SP Button, with neon	<b>6331L</b>	1 gang, 10A 250V, SP Button, BELL	<b>6331B</b>	1 gang, 10A 250V, SP Button, BELL, with neon	<b>6331LB</b>	1 gang, 10A 250V, SP Button, STAIRCASE, with neon	<b>6331LS</b>	1 gang, 10A 250V, SP Switch Rolling Shutters	<b>63331</b>		<table><tr><th colspan="2">MEGA ROCKER SWITCHES</th></tr><tr><td> 2 gang, 10AX 250V, 1 way SP</td><td><b>6601</b></td></tr><tr><td>2 gang, 10AX 250V, 1 way SP, with neon</td><td><b>6601L</b></td></tr><tr><td>2 gang, 20A 250V, DP</td><td><b>6602</b></td></tr><tr><td>2 gang, 20A 250V, DP, with neon</td><td><b>6602L</b></td></tr><tr><td>2 gang, 10AX 250V, Intermediate</td><td><b>6611</b></td></tr><tr><td>2 gang, 10AX 250V, 2 way SP</td><td><b>6621</b></td></tr><tr><td>2 gang, 10AX 250V, 2 way SP, with neon</td><td><b>6621L</b></td></tr><tr><td>2 gang, 10A 250V, SP Button</td><td><b>6631</b></td></tr><tr><td>2 gang, 10A 250V, SP Button, with neon</td><td><b>6631L</b></td></tr><tr><td>2 gang, 10A 250V, SP Button, BELL</td><td><b>6631B</b></td></tr><tr><td>2 gang, 10A 250V, SP Button, BELL, with neon</td><td><b>6631LB</b></td></tr><tr><td>2 gang, 10A 250V, SP Button, STAIRCASE, with neon</td><td><b>6631LS</b></td></tr><tr><td>2 gang, 16A 250V, SP Switch Rolling Shutters</td><td><b>66312</b></td></tr><tr><td>2 gang, 10A 250V, SP Push Button Name, with neon</td><td><b>6204</b></td></tr></table>	MEGA ROCKER SWITCHES		 2 gang, 10AX 250V, 1 way SP	<b>6601</b>	2 gang, 10AX 250V, 1 way SP, with neon	<b>6601L</b>	2 gang, 20A 250V, DP	<b>6602</b>	2 gang, 20A 250V, DP, with neon	<b>6602L</b>	2 gang, 10AX 250V, Intermediate	<b>6611</b>	2 gang, 10AX 250V, 2 way SP	<b>6621</b>	2 gang, 10AX 250V, 2 way SP, with neon	<b>6621L</b>	2 gang, 10A 250V, SP Button	<b>6631</b>	2 gang, 10A 250V, SP Button, with neon	<b>6631L</b>	2 gang, 10A 250V, SP Button, BELL	<b>6631B</b>	2 gang, 10A 250V, SP Button, BELL, with neon	<b>6631LB</b>	2 gang, 10A 250V, SP Button, STAIRCASE, with neon	<b>6631LS</b>	2 gang, 16A 250V, SP Switch Rolling Shutters	<b>66312</b>	2 gang, 10A 250V, SP Push Button Name, with neon	<b>6204</b>
	SWITCHES																																																													
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1 gang, 10AX 250V, 2 way SP, with neon	<b>6321L</b>																																																													
1 gang, 10A 250V, SP Button	<b>6331</b>																																																													
1 gang, 10A 250V, SP Button, with neon	<b>6331L</b>																																																													
1 gang, 10A 250V, SP Button, BELL	<b>6331B</b>																																																													
1 gang, 10A 250V, SP Button, BELL, with neon	<b>6331LB</b>																																																													
1 gang, 10A 250V, SP Button, STAIRCASE, with neon	<b>6331LS</b>																																																													
1 gang, 10A 250V, SP Switch Rolling Shutters	<b>63331</b>																																																													
MEGA ROCKER SWITCHES																																																														
 2 gang, 10AX 250V, 1 way SP	<b>6601</b>																																																													
2 gang, 10AX 250V, 1 way SP, with neon	<b>6601L</b>																																																													
2 gang, 20A 250V, DP	<b>6602</b>																																																													
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2 gang, 10AX 250V, Intermediate	<b>6611</b>																																																													
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2 gang, 10A 250V, SP Button, BELL, with neon	<b>6631LB</b>																																																													
2 gang, 10A 250V, SP Button, STAIRCASE, with neon	<b>6631LS</b>																																																													
2 gang, 16A 250V, SP Switch Rolling Shutters	<b>66312</b>																																																													
2 gang, 10A 250V, SP Push Button Name, with neon	<b>6204</b>																																																													


SP= Single Pole DP= Double Pole ▲ = Available also in red for UPS (.R)


## FRAMES


FAMILY CODE	FRAMES		EXAMPLE CODE
109.		1 gang Frame	109.6101
		2 gang Frame	
		3 gang Frame	
		4 gang Frame	
		6 gang Frame	


FUNCTION DESCRIPTION



1 gang, TV Socket (male)
6431


1 gang, TV Socket (female)
6432



1 gang, SAT Socket
6433



1 gang, 16/10A 250V, 2P+E, Italian
6403



2 gang, 16A 250V, 2P+E, German ▲
6407



2 gang, 16A 250V, 2P, French
6410


2 gang, 16A 250V, 2P+E, French
6411



2 gang, 13A 250V, 2P+E British
6413



2 gang, 15A 250V, 2P+E British
6414



1 gang, 16/6A 250V, 2P, Euro American
6422


2 gang, 16A 250V, 2P, Euro American
6423



2 gang, 16A 250V, 2P+E, International
6430



1 gang, RJ11
6461



2 gang, French Telephone
6465



1 gang, RJ45 cat.5
6481


1 gang, RJ45 cat.6
6483


1 gang, Pilot Light Red Glass
6543


2 gang, 0,5W 220V, Step/Night Lamp
6552



2 gang, Stereo Speaker
6570



2 gang, 400VA, Fan Control
6800



2 gang, 600W 220V, 1 way
6806


2 gang, 800W 220V, 1 way
6808


COLOUR CODE


WHITE
cod. .W


IVORY
cod. .I


ANTHRACITE
cod. .A





BRASS
cod. .B


SILVER
cod. .S

EXAMPLE CODE

109.6601.W

## ACCESSORIES

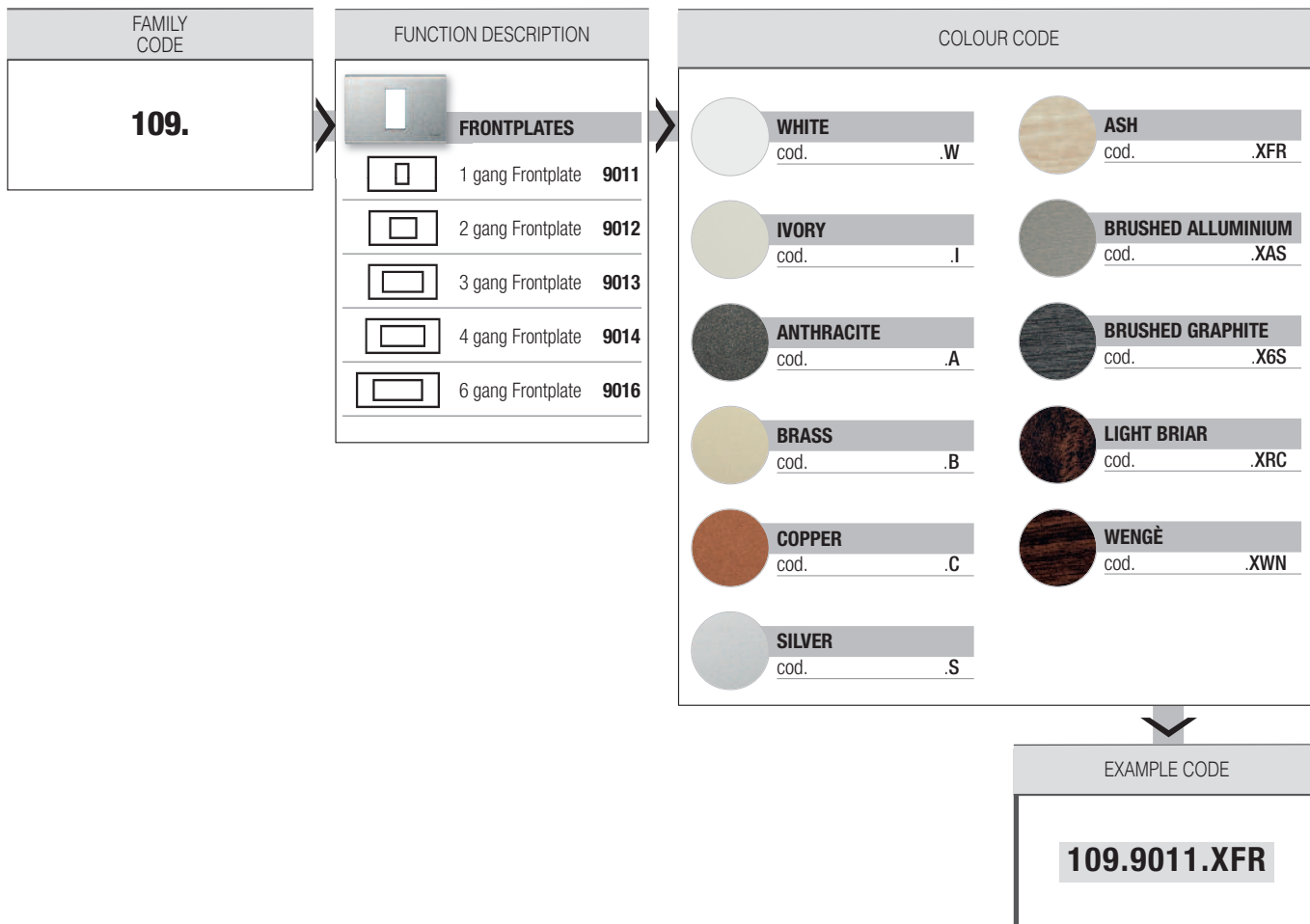
FAMILY CODE		EXAMPLE CODE	
<b>109.</b>		<b>109.6100</b>	
		<b>ACCESSORIES</b>	
		 Couple of Metal Claws for Round Box	<b>6100</b>
		 220V, Neon Orange Colour	<b>6200</b>
		 1 gang, Blank Cover	<b>6201</b>



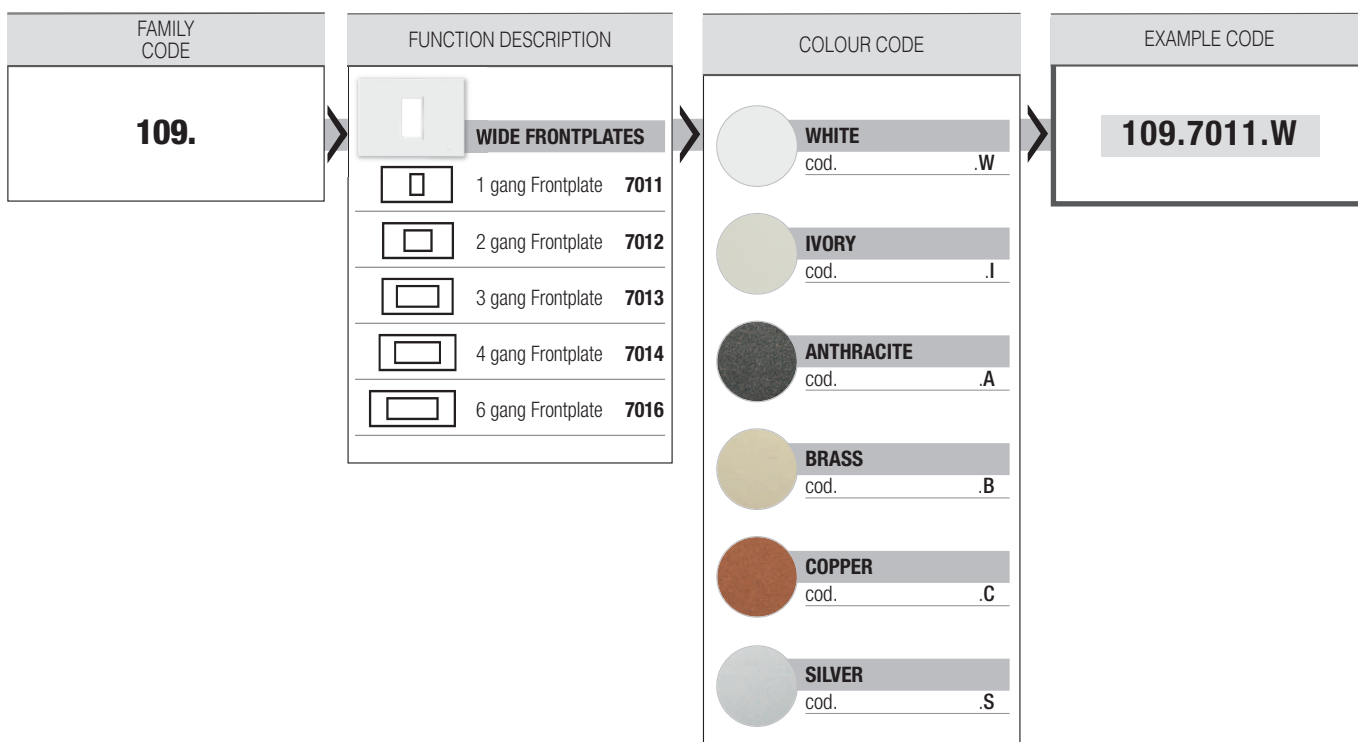
# EVOLVE Series

## FRONTPLATES

1  
2  
FLUSH MOUNTING  
3



## WIDE FRONTPLATES



## ENCLOSURES UNIBOX SERIES



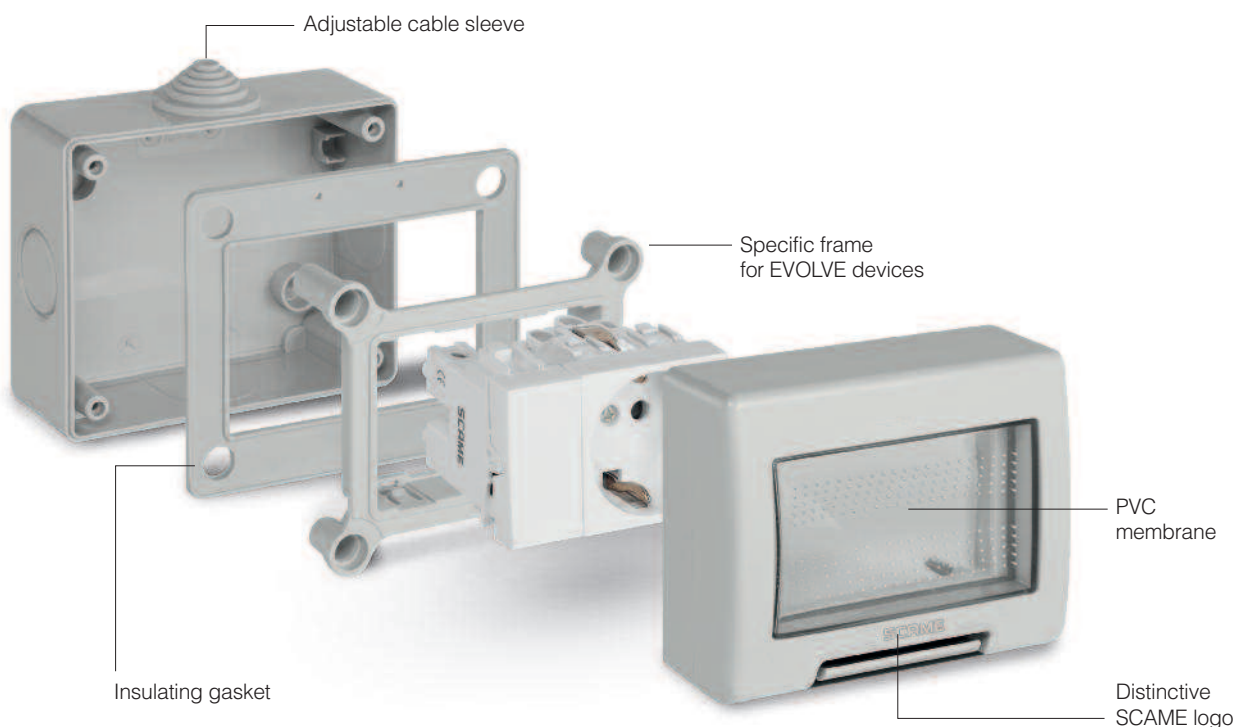
Description	Dimensions (mm)		
2 gang - IP40	68x82x52	5/100	136.6122
3 gang - IP40	98x82x52	3/60	136.6123
2+2 gang - IP40	137x82x52	1/24	136.6124



Description	Dimensions (mm)		
2 gang - IP55	68x82x52	5/100	136.7122
3 gang - IP55	98x82x52	3/60	136.7123
2+2 gang - IP55	137x82x52	1/24	136.7124



Description	Dimensions (mm)		
3 gang - IP40	131x99x28	1/85	136.7023



# 3 SURFACE MOUNTING



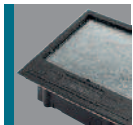
<b>3.1</b>	UNIBOX Series .....	PAGE 80
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<b>3.2</b>	PROTECTA Series .....	PAGE 96
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<b>3.3</b>	METALCLAD Series .....	PAGE 104
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<b>3.4</b>	GEA Series .....	PAGE 108
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## 3.1 UNIBOX Series



A system, flexible in terms of possible applications, but uncompromising as for performances and reliability in every situation.

Makes a reliable partner of unibox, able to meet any need.



**UNIBOX**  series



# UNIBOX Series

## surface mounting enclosures

### EMPTY ENCLOSURE - IP40

UNIBOX Series

1

2

3

SURFACE MOUNTING



Description	Dimensions (mm)		
1 gang	68x82x52	5/100	136.4121



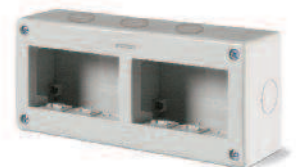
Description	Dimensions (mm)		
2 gang	68x82x52	5/100	136.4122



Description	Dimensions (mm)		
3 gang	98x82x52	3/60	136.4123



Description	Dimensions (mm)		
2+2 gang	137x82x52	1/24	136.4124



Description	Dimensions (mm)		
3+3 gang	198x82x52	1/16	136.4126

- For EVOLUTION Series.

#### Wall-mounting enclosures

- Enclosures can be assembled side by side, horizontally and vertically, by means of sleeve coupling PG16 art. 805.3334
- IP40 protection degree
- Accept all SCAME EVOLUTION Series inserts.
- Cable entry: 3 knock-outs Ø23 mm and one with cable gland PG16.
- Glow-wire test: 650°C.

## ■ EMPTY ENCLOSURE - IP55

### UNIBOX Series



Description	Dimensions (mm)		
1 gang	68x82x66	5/80	136.5121



Description	Dimensions (mm)		
2 gang	68x82x66	5/80	136.5122



Description	Dimensions (mm)		
3 gang	98x82x66	3/60	136.5123



Description	Dimensions (mm)		
2+2 gang	137x82x66	1/24	136.5124



Description	Dimensions (mm)		
3+3 gang	198x82x66	1/16	136.5126

- For EVOLUTION Series.

**Note:** versions pre-fitted with EVOLUTION Series inserts in RAL 7035 grey available upon request.

# UNIBOX Series

## surface mounting enclosures

### SURFACE MOUNTING ACCESSORIES - IP55

UNIBOX Series

1

2

3

SURFACE MOUNTING



Gang	Description			
1 gang	1 x bell push	(•)	32	136.5121-333
	1 x 2P switch 20AX D.P. for water heater		32	136.5121-302
	1 x 1P switch	(•)	32	136.5121-303
	1 x 2P switch 20AX D.P. for water heater	(▲)	32	136.5121-304
	1 x two-way switch	(•)	32	136.5121-323



Gang	Description			
2 gang	2 x 1P switch	(•)	32	136.5122-303
	2 x two-way switch	(•)	32	136.5122-323
	1 x 16A French socket without switch		32	136.5122-411
	1 x 16A German socket (shuttered) without switch		32	136.5122-407
	1 x 16A German socket (unshuttered) without switch		32	136.5122-412
	1 x 13A British socket without switch		32	136.5122-413
	1 x 15A British socket without switch		32	136.5122-414
	1 x 16A Indian socket without switch		32	136.5122-429



Gang	Description			
3 gang	3 x 1P switch	(•)	24	136.5123-303
	3 x two-way switch	(•)	24	136.5123-323
	1 x 16A French socket with switch	(•)	24	136.5123-411
	1 x 16A German socket (shuttered) with switch		32	136.5123-407
	1 x 16A German socket (unshuttered) with switch	(•)	24	136.5123-412
	1 x 13A British socket with switch	(•)	24	136.5123-413
	1 x 15A British socket with switch		24	136.5123-414
	1 x 16A Indian socket with switch		24	136.5123-429

## UNIBOX Series



Gang	Description			
2+2 gang	4 x 1P switch	(●)	24	136.5124-303
	4 x two-way switch	(●)	24	136.5124-323
	2 x 16A French socket without switch		24	136.5124-411
	2 x 16A German socket (shuttered) without switch		24	136.5124-407
	2 x 16A German socket (unshuttered) without switch		24	136.5124-412
	2 x 13A British socket without switch		24	136.5124-413



Gang	Description			
3+3 gang	6 x 1P switch	(●)	16	136.5126-303
	6 x two-way switch	(●)	16	136.5126-323
	2 x 16A French socket with switch	(●)	16	136.5126-411
	2 x 16A German socket (shuttered) with switch		16	136.5126-407
	2 x 16A German socket (unshuttered) with switch	(●)	16	136.5126-412
	2 x 13A British socket with switch	(●)	16	136.5126-413

Note: Equipped versions are supplied with special grey colour devices.  
- With EVOLUTION Series accessories.

(●)  Neon available as accessory.

(▲)  Neon.

# UNIBOX Series

## flush mounting enclosures

### WALL HOUSING - IP55

UNIBOX Series



Description	Dimensions (mm)			
Enclosure for 3 EVOLUTION Series modules	190x98x28	1/85	136.5023	136.5023 AT
- The IP55 protection degree becomes IP20 when the cover is open.				

### ACCESSORIES

UNIBOX Series



Description			
Wall mounting brackets (2 pieces)	10/100	136.001	
Earth terminal 6mm²	20/200		654.0376



Description			
Sealing caps (•)	10/100	654.0080	
Coupler PG16	10/50		805.3334

(•) For providing total insulation □ according to EN 60439-1.  
- Only for surface mounting enclosure.

## PANEL HOUSING

### ACCESSORIES

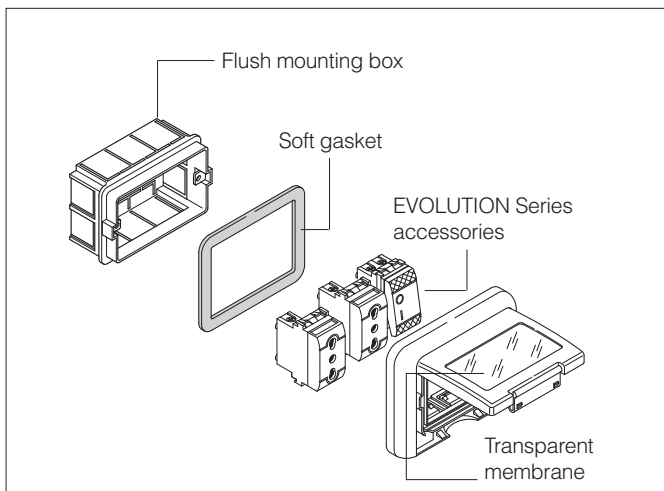


Description	Flange	Qty	Part Number
Enclosure for 2 EVOLUTION Series modules	70x87	10	570.5052
	136x125	6	654.0122
Enclosure for 2 modules: "Living International", "Luna", "Light", "Light tech" (*)	70x87	10	570.5012
	136x125	6	654.0121

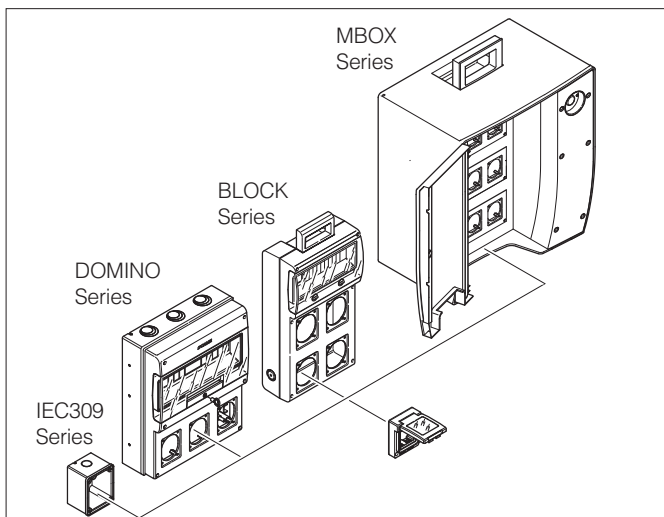
(\*) This insert has been realized with the authority of Bticino spa and it is suitable for "Living International", "Luna", "Light" and "Light Tech" inserts, whose trademarks are registered with Bticino.

- Modules snap into place.

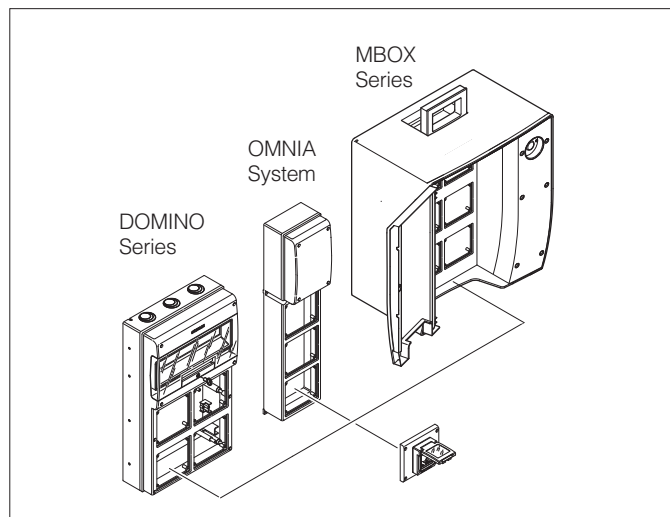
### Examples of installation



### Examples of installation - flange 70x87



### Examples of installation - flange 136x125





# UNIBOX Series device

## NEON LAMPS

EVOLUTION Series



Description	Colour		
220V	Neutral	100	101.6200
110V	Neutral	100	101.6200.11
12V	Neutral	100	101.6200.12
24V	Neutral	100	101.6200.24

## COVERS

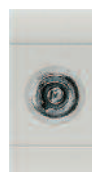
EVOLUTION Series



Description	Colour		
Blank cover		100/900	101.6201.G
Cable outlet		100	101.6203.G

## SWITCHES

EVOLUTION Series

















Description	Colour		
Single pole 2A - 250V~ with key		6	101.6301K.G
Single pole 16AX - 250V~		12/480	101.6303.G
Single pole 20AX - 250V~		12/480	101.6303.20G
Double pole 16AX - 250V~		12/480	101.6302.G
Double pole 20AX - 250V~		12/480	101.6302.20 G
Double pole 16AX - 250V~ (with light 220V)		12/480	101.6304.G
Double pole 20AX - 250V~ (with light 220V)		12/480	101.6304.20G
Reversing switch 16AX - 250V~		12/480	101.6311.G
Two-way switch 16AX - 250V~		12/480	101.6323.G

Neon available as accessory.

## PUSH BUTTON

### EVOLUTION Series

					
Description	Colour				
Single pole 10A - 250V~ for automatic rolling shutter		12/480		<b>101.63312.G</b>	
Single pole 10A with name plate	 Neutral	6/240		 <b>101.6204</b>	
					
Description	Colour				
Single pole 16A - 250V~ N.O. 		12/480		 <b>101.6333.G</b>	
Double pole 16A - 250V~ N.O.		12/480		 <b>101.6332.G</b>	
Double pole 16A - 250V~ N.O. (with light 220V)		12/480		 <b>101.6334.G</b>	

 Neon available as accessory.

# UNIBOX Series device

1  
2  
3  
SURFACE MOUNTING

## FUSE HOLDER

EVOLUTION Series



Description	Colour		
Per fuse 6,3x32 250V Max. 10A		12/480	101.6345.G

## MINIATURE CIRCUIT BREAKERS (MCB'S)

EVOLUTION Series



Description	Colour		
1P+N - 16A - 3KA		12	101.6340.G
1P+N - 10A - 3KA		12	101.6340.10G
1P+N - 6A - 3KA		12	101.6340.06G

## COMPACT RESIDUAL CURRENT BREAKERS WITH OVER CURRENT PROTECTION (RCBO)

EVOLUTION Series



Description	Colour		
1P+N - 6A-10mA 1,5kA		6	101.6341.06G
1P+N - 10A-10mA 3kA		6	101.6341.10G
1P+N - 16A-10mA 3kA		6	101.6341.G



**ITALIAN STANDARD  
P11 - 10A**  
Shuttered socket  
CEI 23-50



**ITALIAN STANDARD  
P17/11 - 16A**  
Shuttered socket  
CEI 23-50















**ITALIAN STANDARD  
P30 - 16A**  
Shuttered socket  
CEI 23-50










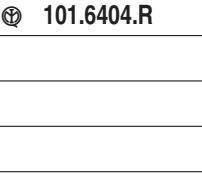











**PLURISTANDARD  
16A**  
Shuttered socket

## SOCKET-OUTLETS - EUROPEAN STANDARD




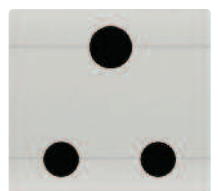




EVOLUTION Series

Description	Colour			
2P+E 10A - 250V~ (Italian P11)		12/480		  
2P+E 16A - 250V~ (Italian P17)		12/480		
2P+E 16A - 250V~ (Italian P17/11)		12/480		
		12/40		
		12/480		

(\*) Insert mounted on DIN support.

Description	Colour			
2P+E 16A - 250V~ (Italian P30)		6/240		  
		6/240		
2P+E 16A - 250V~ (Pluristandard)		6/240		
		6/240		
		6/240		
2P+E 16A - 250V~ (German socket)		6/240		
		6/240		
		6/240		
		6/240		

(\*) Insert mounted on DIN support.

Description	Colour			
2P+E 16A - 250V~ (French)		6/240		  
2P+E 13A - 250V~ (British)		6/240		
2P+E 15A - 250V~ (British)		6/240		



GERMAN  
STANDARD 16A



FRENCH  
STANDARD 16A  
Shuttered socket



BRITISH STANDARD  
SOCKET 13A  
Shuttered socket  
BS 1363-2



BRITISH STANDARD  
SOCKET 15A  
Shuttered socket  
BS 546

# UNIBOX Series device

## SOCKET OUTLETS - INTERNATIONAL STANDARD

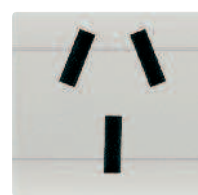
EVOLUTION Series

1

2

3

SURFACE MOUNTING

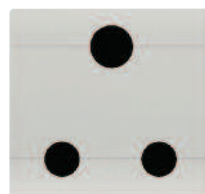


Description	Colour			
2P+E 10A - 250V~ - 1 module (Argentinian)		12/480	101.6425.G	
2P+E 10A - 250V~ - 2 module (Argentinian)		6/240	101.6424.G	
		6/240	101.6424.GD (*)	
2P+E 20A - 250V~ (Argentinian)		6/240		101.6426.G

(\*) Insert mounted on DIN support.



Description	Colour			
2P+E 15A - 250V~ (Euro-american)		12/480	101.6423.G	
2P+E 10A - 250V~ (Brazilian)		12/480	101.6421.G	
2P+E 10A - 250V~ (New Zealand)		6/240		101.6427.G



Description	Colour			
2P+E 16A - 250V~ - 2 module (South African)		6/240	101.6428.G	
		6/240	101.6428.GD	
2P+E 6-16A - 250V~ (Indian)		6/240		101.6429.G

(\*) Insert mounted on DIN support.



Description	Colour			
2P+E 10A - 250V~ (Swiss)		12/480	101.6417.G	
		12/480	101.6417.GD	



**ARGENTINIAN  
STANDARD  
P17/11 - 16A**  
Unshuttered socket



**ARGENTINIAN  
STANDARD 10A**  
Unshuttered socket



**ARGENTINIAN  
STANDARD 20A**  
Unshuttered socket



**EURO-AMERICAN  
STANDARD 15A**  
Shuttered socket



**BRAZILIAN  
STANDARD 10A**  
Unshuttered socket  
ABNT NBR  
14136:2002

## TV OUTLETS (Ø 9,5mm)

EVOLUTION Series



Description	Colour		
Male - direct		12	101.6431.G
Male - terminal 75Ω		12	101.6431.01.G
Male - attenuation 10dB		12	101.6431.10.G

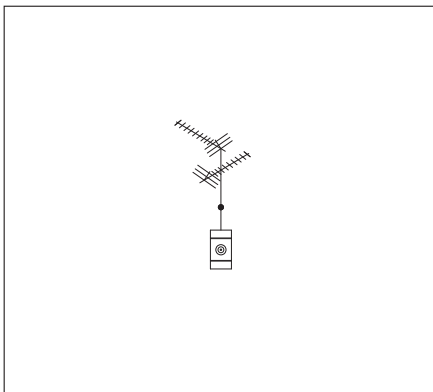
## TV-SAT OUTLETS (Ø 9,5mm)

EVOLUTION Series

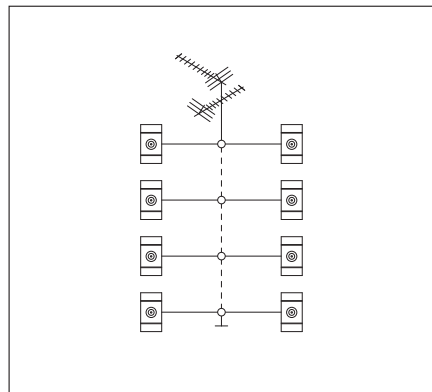


Description	Colour		
Coax/Sat/Cat. F - direct		12/480	101.6433.G
TV/SAT outlet		6/240	101.6434.G

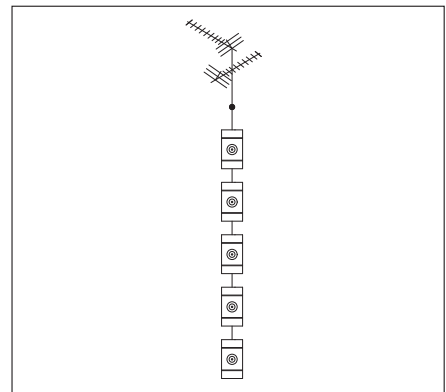
### Direct



### Terminal



### Attenuation



**NEW ZEALAND  
STANDARD 10A**  
Unshuttered socket  
AS/N25 3112



**SOUTH AFRICAN  
STANDARD 16A**  
Shuttered socket  
SANS 164:1 (2006)



**INDIAN  
STANDARD 6/16A**  
Shuttered socket  
IS 1293:1988



**SWISS  
STANDARD 10A**  
Unshuttered socket  
SEV 1011:1998



# UNIBOX Series device

1  
2  
3  
SURFACE MOUNTING

## TELEPHONE OUTLETS

EVOLUTION Series



Description	Colour		
For plug 6/4 - single socket		12/480	101.6461.64G

## DATA COMMUNICATION OUTLETS

EVOLUTION Series




Description	Colour		
RJ45 - Cat. 5 plug 8/8 UTP		6	101.6481.50G
		6	101.6481.50GD (*)
RJ45 - Cat. 5 plug 8/8 FTP		6	101.6481.51G


(\*) Insert mounted on DIN support.

## INDICATOR UNITS

### EVOLUTION Series



Description	Colour		
Pilot light - red glass		12/480	101.6541.2G
		12/480	101.6541.2GD (*)

 Neon available as accessory. (\*) Insert mounted on DIN support.

## ACCESSORIES

### EVOLUTION Series



Description			
DIN rail support	For 1 EVOLUTION Series module	1	654.0091
	For 2 EVOLUTION Series modules	1	654.0092

### EVOLUTION Series insert mounted on DIN rail support





3.2

## PROTECTA Series



When the requirement is for technology and beauty combined together, Protecta is the right answer. Under the unique elegance and ergonomics of the italian design, exclusive technical solutions and high quality raw materials. Always grant reliability and safety even in the most demanding conditions of usage a tough in evening dress.



**PROTECTA**  series

# PROTECTA Series

## weatherproof switches and sockets - IP66

### SWITCHES M95 (95x95mm)

1

2

3

SURFACE MOUNTING



Description				FLUSH MOUNTING	SURFACE MOUNTING
One way switch - single pole	1 gang	10AX - 250V~	1/12	<b>137.3011</b>	<b>137.5011</b>
		20AX - 250V~	1/12	<b>137.3012</b>	<b>137.5012</b>
One way switch - single pole	2 gang	10AX - 250V~	1/12	<b>137.3021</b>	<b>137.5021</b>
		20AX - 250V~	1/12	<b>137.3022</b>	<b>137.5022</b>
Two way switch - single pole	1 gang	10AX - 250V~	1/12	<b>137.3211</b>	<b>137.5211</b>
		20AX - 250V~	1/12	<b>137.3212</b>	<b>137.5212</b>
Two way switch - single pole	2 gang	10AX - 250V~	1/12	<b>137.3221</b>	<b>137.5221</b>
		20AX - 250V~	1/12	<b>137.3222</b>	<b>137.5222</b>
Intermediate switch single pole		10AX - 250V~	1/12	<b>137.3111</b>	<b>137.5111</b>
		20AX - 250V~	1/12	<b>137.3112</b>	<b>137.5112</b>
Double pole switch	1 gang	20A - 250V~	1/12	<b>137.3462</b>	<b>137.5462</b>

### PUSH BUTTON - M95 (95x95mm)



Description				FLUSH MOUNTING	SURFACE MOUNTING
Bell push switch single pole "BELL"	1 gang	10A - 250V~	1/12	<b>137.3311B</b>	<b>137.5311B</b>
Bell push switch - single pole single pole "PRESS"	1 gang	10A - 250V~	1/12	<b>137.3311P</b>	<b>137.5311P</b>
		20A - 250V~	1/12	<b>137.3312P</b>	<b>137.5312P</b>
Two way switch - single pole	2 gang	10A - 250V~	1/12	<b>137.3321</b>	<b>137.5321</b>

- Flush mounting: box not included.



**ITALIAN STANDARD**  
**P17/11 - 16A**  
Shuttered socket  
CEI 23-50



**ITALIAN STANDARD**  
**P30 - 16A**  
Shuttered socket  
CEI 23-50



**FRENCH - GERMAN**  
**STANDARD 16A**  
Shuttered socket



**FRENCH - GERMAN**  
**STANDARD 16A**  
Shuttered socket

# PROTECTA modular Series weatherproof switches and sockets - IP66



3.2

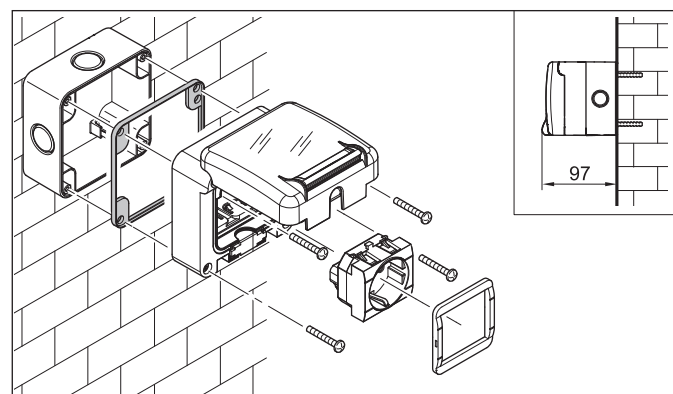
## SOCKET OUTLETS M95 (95x95mm)



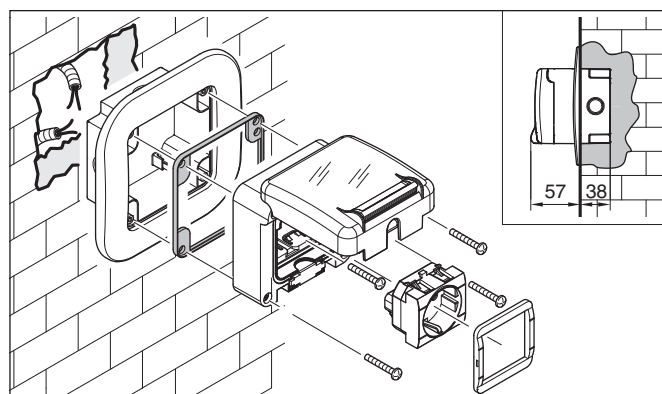
Description			FLUSH MOUNTING	SURFACE MOUNTING
Italian Standard	Italian P17/11	16A - 250V~ 1/12	<b>137.4403</b>	<b>137.6403</b>
	Italian P30	16A - 250V~ 1/12	<b>137.4404</b>	<b>137.6404</b>
	French	16A - 250V~ 1/12	<b>137.4411</b>	<b>137.6411</b>
International Standard	German	16A - 250V~ 1/12	<b>137.4407</b>	<b>137.6407</b>
	Argentinian	10A - 250V~ 1/12	<b>137.4424</b>	<b>137.6424</b>
	New Zealand	10A - 250V~ 1/12	<b>137.4427</b>	<b>137.6427</b>
	Swiss	10A - 250V~ 1/12	<b>137.4417</b>	<b>137.6417</b>
	Brazilian	10A - 250V~ 1/12	<b>137.4421</b>	<b>137.6421</b>
Data	RJ 45 cat. 5e	RJ 45 cat. 5e 1/12	<b>137.4481.50</b>	<b>137.6481.50</b>

- Flush mounting: box not included.

### Modular socket outlets surface mounting



### Modular socket outlets flush mounting



**ARGENTINIAN  
STANDARD 10A**  
Unshuttered  
socket  
IRAM 2071



**NEW ZEALAND  
STANDARD 10A**  
Unshuttered socket  
AS/N25 3112



**SWISS  
STANDARD 10A**  
Unshuttered socket  
SEV 1011:1998



**BRAZILIAN  
STANDARD 10A**  
Unshuttered socket  
ABNT NBR 14136:2002



**RJ45  
Cat.5E**






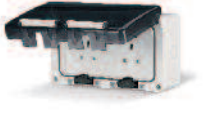




# PROTECTA Series

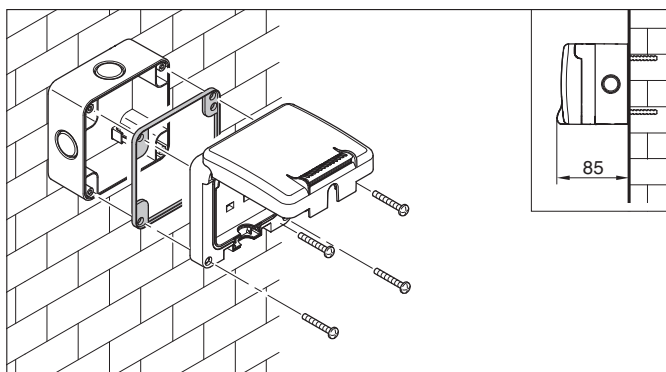
## weatherproof switches and sockets - IP66

### SWITCH SOCKET OUTLETS

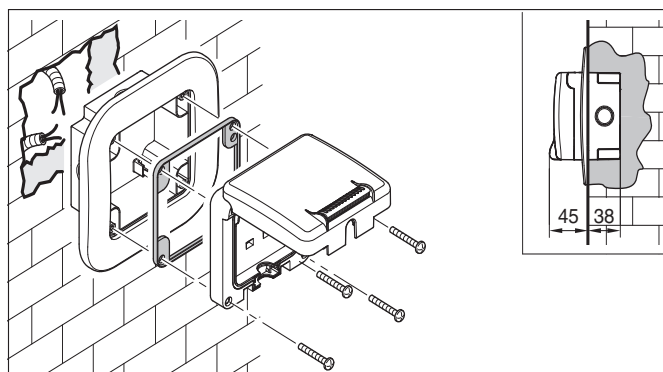
1  
2  
3  
SURFACE MOUNTING

				
Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
13A single - 250V~ D.P. switch with neon	M115 (115x115mm) 1/12		<b>137.4022</b>	<b>137.6022</b>
- Flush mounting: box not included.				
				
Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
15A - 250V~ S.P. switch	M115 (115x115mm) 1/12		<b>137.4111</b>	<b>137.6111</b>
- Flush mounting: box not included.				
				
Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
13A double - 250V~ D.P. switch with neon	M195 (195x115mm) 1/12		<b>137.4042</b>	<b>137.6042</b>
- Flush mounting: box not included.				
				
Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
13A double - 250V~ D.P. switch with neon + RCD protection (passive)	M195 (195x115mm) 1/12		<b>137.4043</b>	<b>137.6043</b>
- Flush mounting: box not included.				






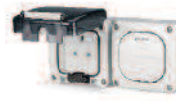
#### Surface mounting





#### Flush mounting



## SOCKET OUTLETS

				
Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
13A single	M95 (95x95mm)	1/12	<b>137.4001</b>	<b>137.6001</b>
- Flush mounting: box not included.				
				
Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
13A double	M95x2 (195x95mm)	1/12	<b>137.4002</b>	<b>137.6002</b>
- Flush mounting: box included.				
				
Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
13A single unswitched socket +20A double poleswitch	M95x2 (195x95mm)	1/12	<b>137.4003</b>	<b>137.6003</b>
- Flush mounting: box included.				

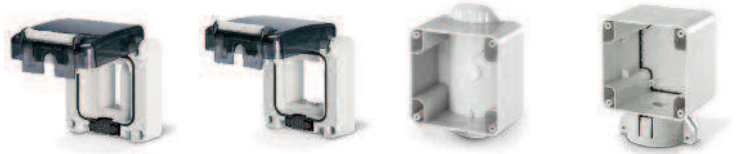
## SPUR UNITS

				
Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
13A Switch + fuse	M115 (115x115mm)	1/12	<b>137.3410</b>	<b>137.5410</b>
- Flush mounting: box not included.				

# PROTECTA Series

## weatherproof switches and sockets - IP66

### ENCLOSURES



Description	Dimensions		
1 gang	M95 (95x95mm)	1/12	<b>137.001</b>
2 gang	M95 (95x95mm)	1/12	<b>137.002</b>
Pole Ø 50÷70 side by side	M95 (95x95mm)	1/12	<b>137.141</b>
Pole Ø 50÷60 top	M95 (95x95mm)	1/12	<b>137.131</b>

- Accepts Scame EVOLUTION Series inserts (see pages 68-75).

### BOXES

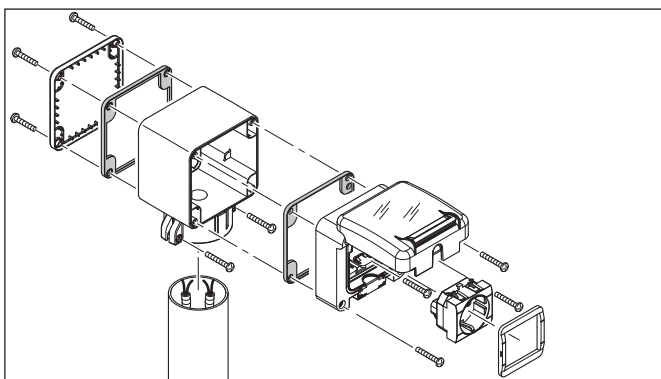


Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
1 gang	M95 (95x95mm)	1/12	<b>137.121</b>	<b>137.101</b>
2 gang	M95X2 (195x95mm)	1/12	<b>137.122</b>	<b>137.102</b>

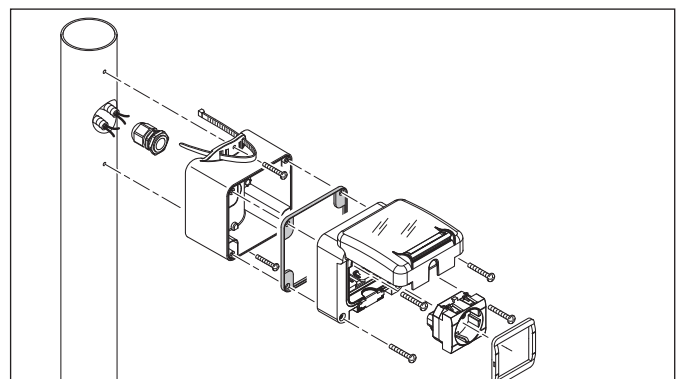


Description	Dimensions		FLUSH MOUNTING	SURFACE MOUNTING
1 gang	M115 (115x115mm)	1/12	<b>137.123</b>	<b>137.103</b>
1 gang	M195 (195x115mm)	1/12	<b>137.124</b>	<b>137.104</b>







#### Pole-top mounting



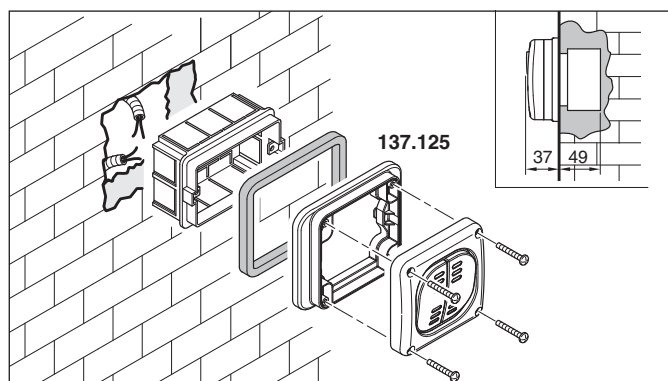
#### Pole side by side mounting



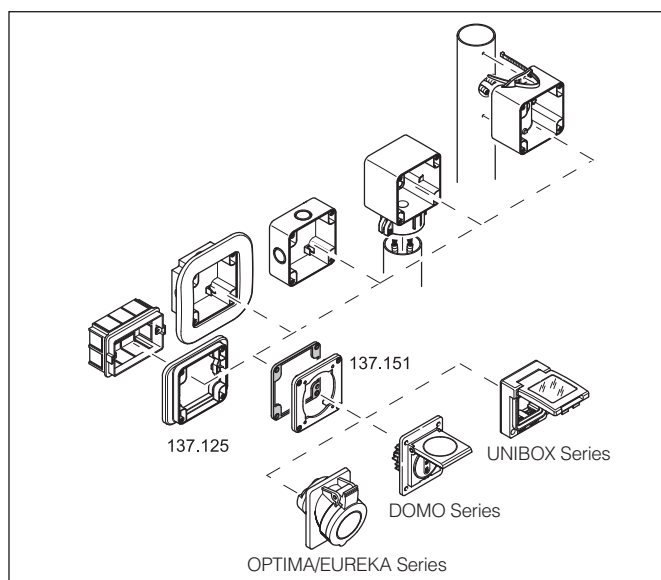
## ACCESSORIES

			IP55	
				
<b>Description</b>				
M95 Adapter for 3-MODULE flush-mounting boxes (*)	12		<b>137.125</b>	
Cover for M95 boxes with 70x87 predrilling	12			<b>137.151</b>
(*) The IP55 degree of protection is obtained with the cover closed and with the item installed on smooth, impermeable walls without grooves (smooth tiles, marble).				
				
<b>Description</b>				
Self-locking ties for external wiring for external wiring (9x360mm)	100/2000		<b>839.39/9350</b>	
Tear-resistant cable glands with antiloosening device (M20x1,5)	25/500			<b>805.5420.1</b>
				
<b>Description</b>				
LED 220V~	10/100	<b>137.200</b>		
Earth terminal	10/100		<b>137.201</b>	
Special gel seal	10/100			<b>137.202</b>

## Flush-mounting box adapter



## Cover for M95 boxes with 70x87 predrilling





**3.3**

## **METALCLAD Series**




When the going gets tough, the tough get going.  
In its solid metal dress, Metalclad devices are  
ready to accept challenges by everyday life, even  
the hardest ones.

**METALCLAD**  series

# METALCLAD Series


## CONTROL DEVICES - SINGLE POLE SWITCHES



Description		
10AX 250V, two way switch, 1 gang	10/60	138.3211
10AX 250V, two way switch, 2 gang	10/60	138.3221
10AX 250V, two way switch, 3 gang	10/60	138.3231
10AX 250V, two way switch, 4 gang	5/40	138.3241


## CONTROL DEVICES - DOUBLE POLE SWITCHES



Description		
20A 250V, DP switch with neon 1 gang	10/60	138.3462
45A 250V, DP switch with neon 1 gang	10/60	138.3464

## CONTROL DEVICES - SPUR UNITS




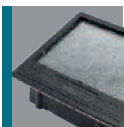
Description		
13A, spur unit with fuse, switch and neon	10/60	138.340
13A, spur unit with fuse and switch	10/60	138.341
13A, spur with fuse and neon	10/60	138.342
13A, spur unit with fuse	10/60	138.343



## ■ SOCKET OUTLETS - SWITCHED SOCKET OUTLETS




Description		
13A, single switchsocket, DP switch	10/60	138.4012
13A, single switchsocket, DP switch, with neon	10/60	138.4022
13A, double switchsocket, DP switch	5/40	138.4032
13A, double switchsocket, DP switch, with neon	5/40	138.4042
15A, single switchsocket SP switch	10/60	138.4111
45A 250V, DP switch with neon + 13A switchsocket DP switch with neon	5/40	138.4061



**3.4**

## GEA Series



A detailed close-up photograph of a metal-clad switch mechanism. The image shows a dark, heavy-duty metal frame with various components like a hinge, a locking pin, and a spring. The lighting highlights the industrial texture and precision of the parts.

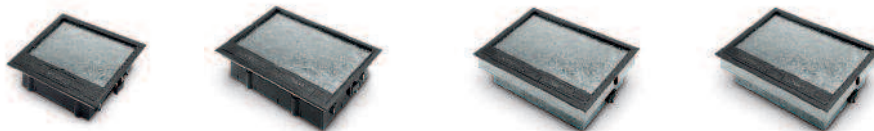
When the going gets tough, the tough get going.  
In its solid metal dress, Metalclad devices are  
ready to accept challenges by everyday life, even  
the hardest ones.



# GEA Series

## FLOOR BOXES

GEA Series



Description		THERMOPLASTIC BASE BRITISH STANDARD - MODULAR	METAL BASE BRITISH STANDARD	METAL BASE MODULAR
Floor Box (2 compartments)	1/8	<b>139.2000</b>		
Floor Box (3 compartments)	1/4		<b>139.5000</b>	<b>139.5600</b>

Package/Bulk Pack

## FLANGES

GEA Series




Description		BRITISH STANDARD (BS)	MODULAR
Flange - 4 x BS	1	<b>139.3004</b>	
Flange - 2 x BS	3	<b>139.6002</b>	
Flange - 1 x BS (double)	3	<b>139.6001</b>	
Flange - 8 x MODULAR	2		<b>139.6008</b>
Flange - 12 x MODULAR	1		<b>139.3012</b>







Package/Bulk Pack


## APPLICATION EXAMPLES










## BRITISH STANDARD/INNOVA SERIES











BRITISH STANDARD SOCKETS		
	13A	<b>103.4001</b>
	13A, SS	<b>103.4011</b>
	5A, SS	<b>103.4015</b>
	13A, SS, with neon	<b>103.4021</b>
	13A, DS	<b>103.4031</b>
	13A, DS, with neon	<b>103.4041</b>
	15A, SS, SP switch	<b>103.4111</b>






TV SOCKETS		
	TV CO-AXIAL	<b>103.431</b>
	TV/FM CO-AXIAL	<b>103.432</b>
	TV/FM/SAT	<b>103.433</b>
	TV/SAT	<b>103.434</b>
	SAT	<b>103.435</b>
	SAT/SAT	<b>103.436</b>





INTERNATIONAL STANDARD SOCKETS		
	16A, German, single	<b>103.4007</b>
	16A, Euro-American, single	<b>103.421</b>
	16A, Euro-American, double	<b>103.422</b>
	16A, Euro-American, single SS	<b>103.423</b>
	15A, Euro-American, single + 10AX, SP switch socket	<b>103.424</b>
	15A, American, single	<b>103.425</b>
	15A, American, double	<b>103.426</b>
	15A, American, single + 10AX, SP switch socket	<b>103.427</b>
	16A, International, single + 10AX, SP switch socket	<b>103.4232</b>




BLANK PLATES		
	Single	<b>103.201</b>
	Double	<b>103.202</b>





TEL & DATA SOCKETS		
	Telephone, BT master	<b>103.461</b>
	Telephone, BT secondary	<b>103.462</b>
	RJ11	<b>103.521</b>
	RJ12	<b>103.522</b>
	RJ45 cat5	<b>103.523</b>
	RJ45 cat6	<b>103.524</b>
	Double RJ11	<b>103.525</b>
	Double RJ12	<b>103.526</b>
	Double RJ45 cat5	<b>103.527</b>
	Double RJ45 cat6	<b>103.528</b>


SP= Single Pole - DP= Double Pole  
SS= Single Switchsocket - DS= Double Switchsocket

## MODULAR/EVOLVE SERIES




SWITCHES		
	1 gang, 20A 250V, DP, with neon	<b>109.6302L.W</b>






TV SOCKETS		
	1 gang, TV Socket (male)	<b>109.6431.W</b>
	1 gang, TV Socket (female)	<b>109.6432.W</b>
	1 gang, SAT Socket	<b>109.6433.W</b>



SOCKET OUTLETS		
	1 gang, 16/10A 250V, 2P+E, Italian	<b>109.6403.W</b>
	2 gang, 16A 250V, 2P+E, German ▲	<b>109.6407.W</b>
	2 gang, 16A 250V, 2P, French	<b>109.6410.W</b>
	2 gang, 16A 250V, 2P+E, French	<b>109.6411.W</b>
	2 gang, 13A 250V, 2P+E British	<b>109.6413.W</b>
	2 gang, 15A 250V, 2P+E British	<b>109.6414.W</b>
	1 gang, 16/6A 250V, 2P, Euro American	<b>109.6422.W</b>
	2 gang, 16A 250V, 2P, Euro American	<b>109.6423.W</b>
	2 gang, 16A 250V, 2P+E, International	<b>109.6430.W</b>



TEL & DATA SOCKETS		
	1 gang, RJ11	<b>109.6461.W</b>
	2 gang, French Telephone	<b>109.6465.W</b>
	1 gang, RJ45 cat.5	<b>109.6481.W</b>
	1 gang, RJ45 cat.6	<b>109.6483.W</b>



ACCESSORIES		
	1 gang, Blank Cover	<b>109.6201.W</b>

SP= Single Pole - DP= Double Pole  
▲ = Available also in red for UPS (.R)

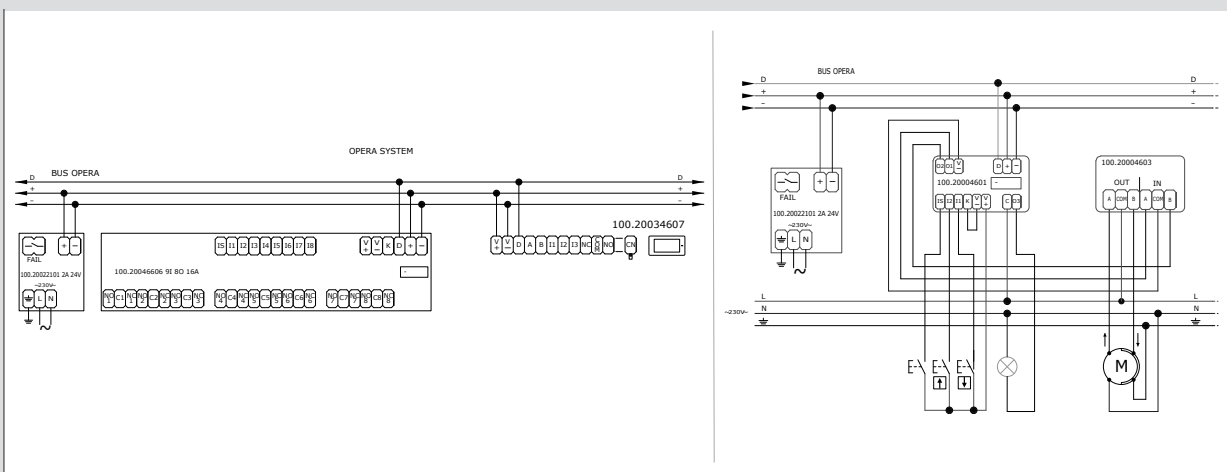
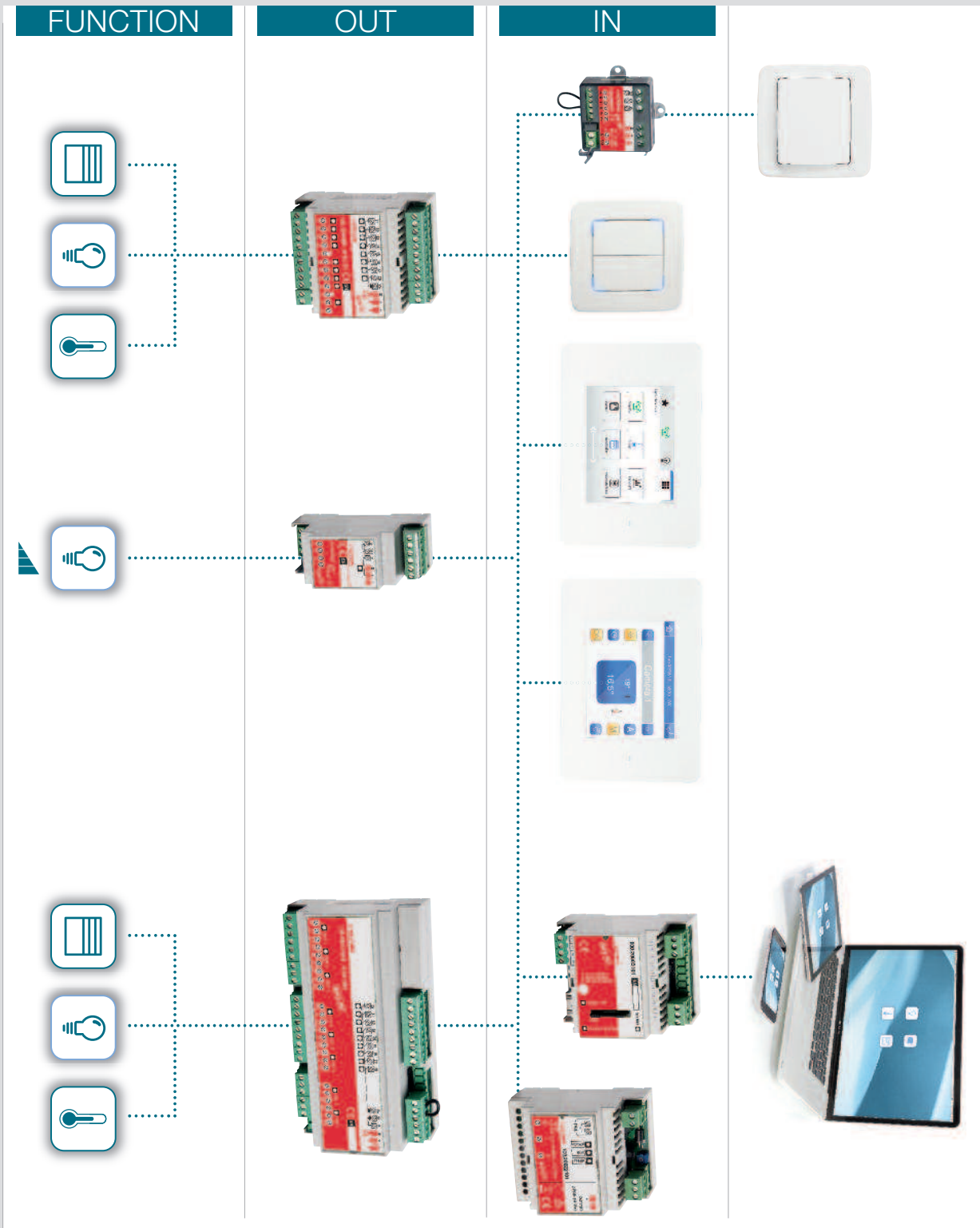




W I R I N G  
CATALOGUE  
2016-2018  
technical sheets




## SCAME SYSTEMS INTEGRATION DIAGRAM




SUPERVISORS



VERSIONS

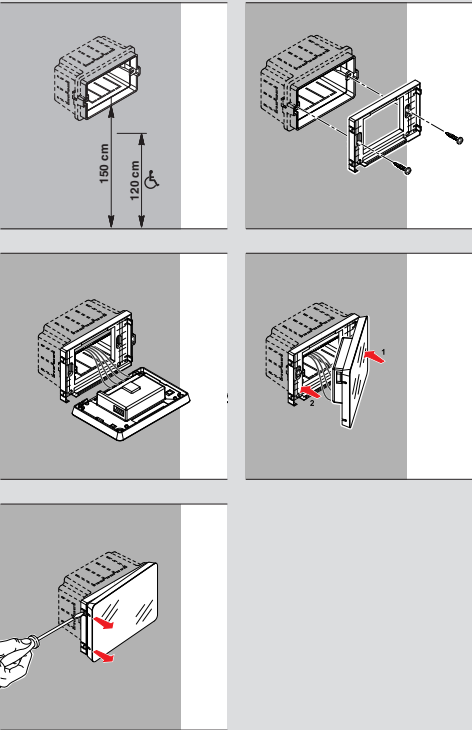


3.5" Minitouch Supervisor - white



Timer/thermostat-controlled  
3.5" minitouch-white

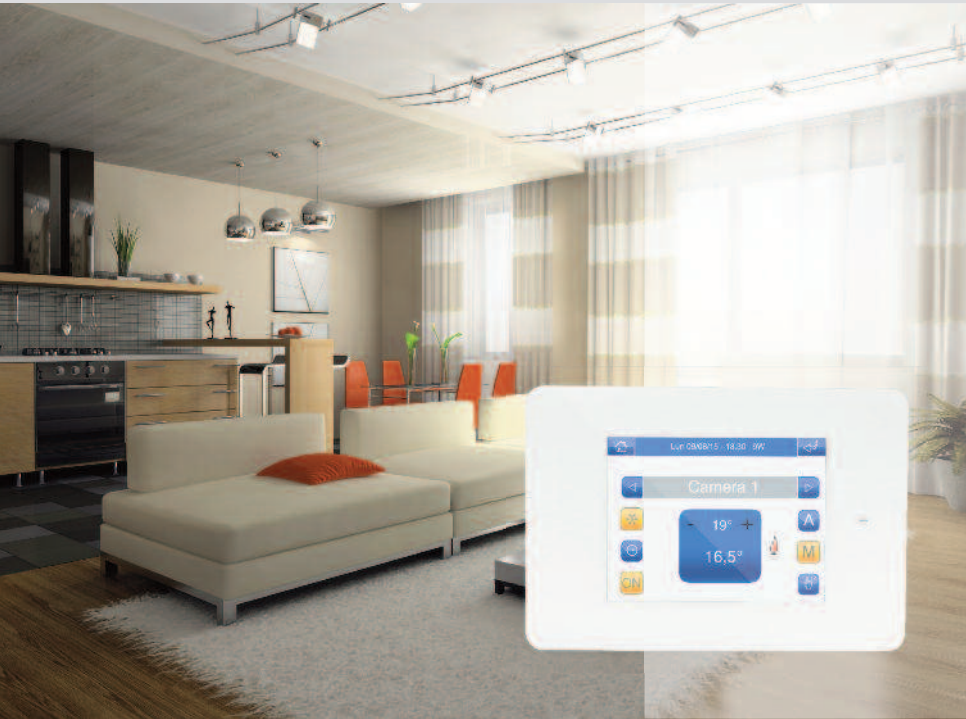
MOUNTING



TECHNICAL CHARACTERISTICS

Colour	White	Size (HxWxD)	85 x 123 x 28.6 mm
Magic Light	RGB LED illumination	O.C. outputs	YES (500 mA MAX.)
Display	3.5" (7 cm) colour touch screen with 320x240 pixel resolution	Relay output	• 30 Vdc / 5 A • 250 Vac / 10 A
Viewing angle (right / left / high / low)	50° / 50° / 45° / 50°	Operating temperature	-15° / +55°C
Micro SD card slot	YES (used for loading the home automation system configuration)	Weight	150 g
Power supply	• 12 Vdc / 24 Vdc	On-board thermostat	YES
Current absorption	355 mA @ 13.8 V 175 mA @ 25 V	Mounting of box 503 - 503E or similar	YES
		Ethernet port	YES (for future uses)

APPLICATION EXAMPLES



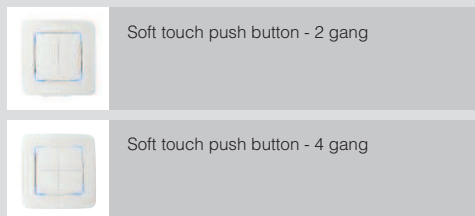
## CONTROL DEVICES



## REFERENCE STANDARDS

**BS EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations.  
*Part 1: general requirements.*

## VERSIONS



## TECHNICAL CHARACTERISTICS

Rated current:	10A - 10AX - 20AX
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-5°C +40°C
Max. operating temperature:	60°C
Glow Wire test:	850°C
Operating testing	40.000 operations at rated current 100.000 operations for mechanical life
Max. installation altitude:	2.000 m
Mounting box type:	Flush 1-2 gang (min. depth: 25mm) Surface 1-2 gang (min. depth: 25mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES



CONTROL DEVICES



VERSIONS

	Wall-Mount/DIN home auto mod, 3 optocoupled dig. inputs
	Module 9 inputs and 8 outputs 6A on DIN (9I8O6A)
	Module 9 inputs, 8 outputs 16A on DIN (9I8O16A)
	Module 1 output dimmer 300W

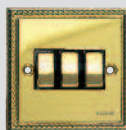
SYSTEM DEVICES



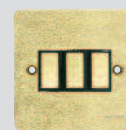
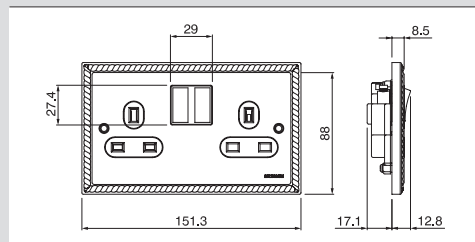
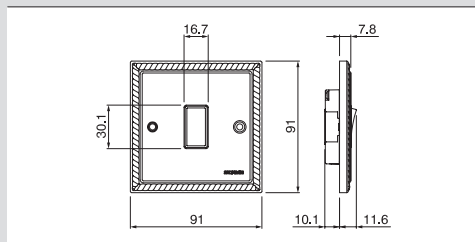
VERSIONS

	Web server serial bridge module
	Switching power supply unit 24 VDC on DIN
	RS232 programming interface

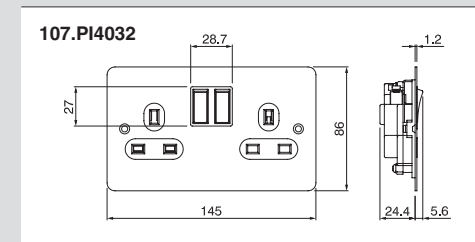
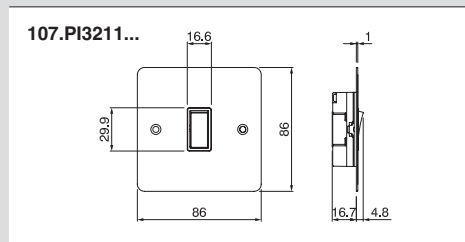
## DIMENSIONS



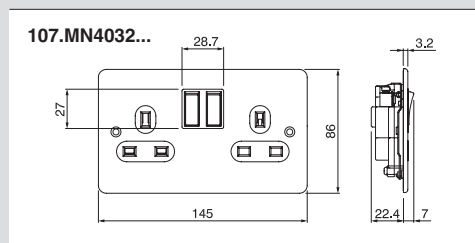
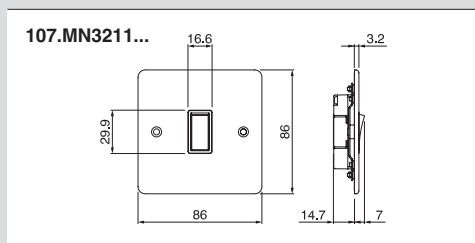
CLASSICA LINE



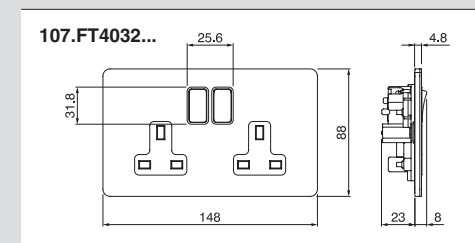
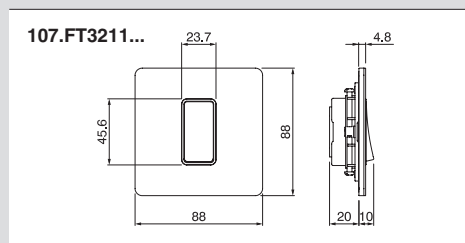
PIANA LINE



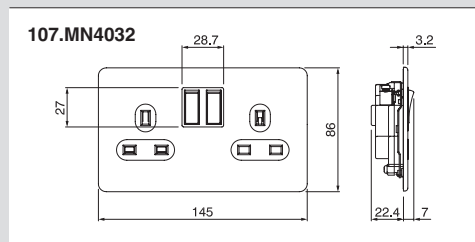
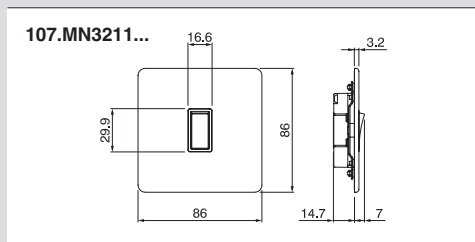
MODERNA LINE



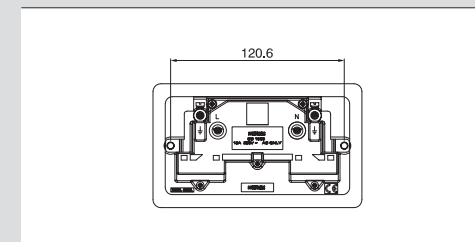
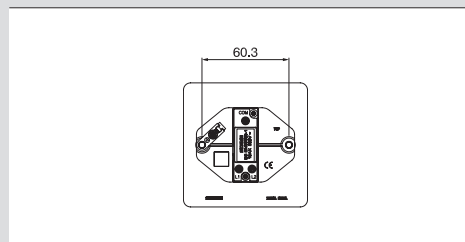
FUTURA LINE



MODERNA SCREWLESS LINE



## DISTANCE BETWEEN FIXING CENTERS



(Dimensions in mm)

(Dimensions in mm)



## ■ CONTROL DEVICES - SINGLE POLE SWITCHES

## ■ REFERENCES STANDARDS



**BS EN 60669-1 (2000)**  
Switches for household and similar fixed-electrical installation.  
*Part 1: General requirements.*

## ■ LINE



## ■ VERSIONS

	Switches - 1 gang - 10AX, 2 way, SP - 20AX, 2 way, SP - 10AX, Intermediate switch - 20AX, Intermediate switch - 10A, Bell push switch - 10A, Bell push, "Press", with neon
	Switches - 2 gang - 10AX, 2 way, SP - 20AX, 2 way, SP
	Switches - 3 gang - 10AX, 2 way, SP, single plate
	Switches - 3 gang - 20AX, 2 way, SP, double plate

	Switches - 4 gang - 10AX, 2 way, SP, double plate - 20AX, 2 way, SP, double plate
	Switches - 6 gang - 10AX, 2 way, SP, double plate - 20AX, 2 way, SP, double plate

## ■ WIRING AND INSTALLATION

## Wiring capacity of the terminals

10A switches	20A switches
4x1 mm <sup>2</sup>	4x1 mm <sup>2</sup>
3x1,5 mm <sup>2</sup>	4x1,5 mm <sup>2</sup>
2x2,5 mm <sup>2</sup>	3x2,5 mm <sup>2</sup>
1x4 mm <sup>2</sup>	2x4 mm <sup>2</sup>
1x6 mm <sup>2</sup>	1x6 mm <sup>2</sup>

## ■ BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## ■ TECHNICAL CHARACTERISTICS

Rated current:	10A - 10AX - 20AX
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250 V~
Protection degree:	IP20D
Operating temperature according to reference standard:	- 5°C +40°C
Max operating temperature:	+60°C
Glow Wire test: (for plastic elements)	850°C
Operating Testing:	40.000 operations at rated current. 100.000 operations for mechanical life (SCAME additional test)
Max installation altitude:	2000 m
Plate dimensions:	86x86 mm single plate 86x146 mm double plate 88x88 mm single plate (only Futura series) 88x148 mm double plate (only Futura series)
Mounting box type:	Flush 1-2 gang (min deepness 25mm) Surface 1-2 gang (min deepness 17mm)

Material:	CLASSICA, MODERNA, MODERNA SL, PIANA: Steel for plate and rocker cap. Engineering plastic for inserts FUTURA: Stainless steel AISI 304 for plate and rocker cap. Engineering plastic for inserts
Colour and version:	METAL PLATE AND ROCKER VERSION: - Polished brass - Satin brass - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates and rocker caps are anti finger coated</i> <i>SCAME logo printed by laser on the frontplates.</i> ROCKER AND SOCKET PLASTIC FRAME: - Brown (only Classica Series) - Black (except Classica Series) - White <i>Writings and symbols by silk printing</i>

## ■ APPLICATION EXAMPLES



## CONTROL DEVICES - DOUBLE POLE SWITCHES

## REFERENCES STANDARDS



**BS EN 60669-1 (2000)**  
Switches for household and similar fixed-electrical installation.  
*Part 1: General requirements.*

## LINE



## VERSIONS

	<ul style="list-style-type: none"> <li>- 20A, DP, with neon</li> <li>- 20A, DP, "Air conditioner" with neon</li> <li>- 20A, DP, "Water heater" with neon</li> </ul>
	<ul style="list-style-type: none"> <li>- 45A, DP, with neon</li> <li>- 45A, DP, "Air conditioner" with neon</li> <li>- 45A, DP, "Cooker" with neon</li> </ul>
	<ul style="list-style-type: none"> <li>- 45A, DP, with neon, double plate</li> <li>- 45A, DP, "Air conditioner" with neon, double plate</li> <li>- 45A, DP, "Cooker" with neon, double plate</li> </ul>

## WIRING AND INSTALLATION

### Wiring capacity of the terminals

20A switches	45A switches
3x2,5 mm <sup>2</sup>	4x4 mm <sup>2</sup>
2x4 mm <sup>2</sup>	3x6 mm <sup>2</sup>
1x6 mm <sup>2</sup>	1x6 mm <sup>2</sup>

## TECHNICAL CHARACTERISTICS

Rated current:	20A - 45A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP 20D
Operating temperature according to reference standard:	- 5°C +40°C
Max operating temperature:	60°C
Glow Wire test: (For plastic elements)	850°C
Operating Testing:	40.000 operations at rated current 100.000 operations for mechanical life (SCAME additional test)
Max installation altitude:	2000 m
Plate dimensions:	86x86 mm single plate 86x146 mm double plate 88x88 mm single plate (only Futura series) 88x148 mm double plate (only Futura series)
Mounting box type	Flush 1-2 gang (min deepness 35mm) Surface 1-2 gang (min deepness 35mm)

Material:	CLASSICA, MODERNA, MODERNA SL, PIANA: Steel for plate and rocker cap. Engineering plastic for inserts FUTURA: Stainless steel AISI 304 for plate and rocker cap. Engineering plastic for inserts
Colour and version:	METAL PLATE AND ROCKER VERSION: - Polished brass - Satin brass - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates and rocker caps are anti finger coated SCAME logo printed by laser on the frontplate.</i> ROCKER AND SOCKET PLASTIC FRAME: - Brown (only Classica series) - Black - White <i>Writings and symbols by silk printing</i>

## APPLICATION EXAMPLES



## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant



CONTROL DEVICES - SPUR UNITS



REFERENCES STANDARDS

**BS 1363-4 (1995)**  
13A plugs, socket-outlets, adaptors and connection units.  
*Part 4: specification for 13A fused connection units  
switched and unswitched.*

LINE



VERSIONS

	<ul style="list-style-type: none"><li>- With fuse, switch and neon</li><li>- With fuse and switch</li></ul>
	<ul style="list-style-type: none"><li>- With fuse and neon</li><li>- With fuse</li></ul>

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

TECHNICAL CHARACTERISTICS

Rated current:	13A
Rated voltage:	250 V~
Frequency:	50 Hz
Insulating voltage:	250 V~
Protection degree:	IP 20D
Operating temperature according to Reference Standard:	- 5°C + 40°C
Max operating temperature:	60°C
Cabling capacity of the terminals:	3x2,5 mm² 2x4 mm² 1x6 mm² (stranded)
Glow Wire test: (For plastic elements)	850° C
Max installation altitude:	2000 m
Plate dimensions:	86x86 mm single plate 86x146 mm double plate 88x88 mm single plate (only Futura series) 88x148 mm double plate (only Futura series)
Mounting box type:	Flush 1-2 gang (min deepness 25mm) Surface 1-2 gang (min deepness 25 mm)
Fuse:	Ceramic fuse to BS 1362, 13A 250V AC only

Material:	CLASSICA, MODERNA, MODERNA SL, PIANA: Steel for plate and rocker cap. Engineering plastic for inserts FUTURA: Stainless steel AISI 304 for plate and rocker cap. Engineering plastic for inserts
Colour and version:	<b>METAL PLATE AND ROCKER VERSION:</b> - Polished brass - Satin brass - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates and rocker caps are anti finger coated</i> <i>SCAME logo printed by laser on the frontplate</i> <b>ROCKER AND SOCKET PLASTIC FRAME:</b> - Brown (only Classica series) - Black - White <i>Writings and symbols by silk printing: white on brown or black plastic frame and black on white plastic frame</i>

APPLICATION EXAMPLES



## SOCKET OUTLETS - SWITCHED AND UNSWITCHED BSI SOCKETS



## REFERENCES STANDARDS

<b>BS 1363-2 (1995)</b> 13A plugs, socket-outlets and adaptors. Specification for 13A switched and unswitched socket-outlets.
<b>BS 546 (1954)</b> Two-pole and Earthing-Pin plugs, socket-outlets and socket-outlet adaptors for AC (50-60 Hz) circuit up to 250V.
<b>BS 7288 (1990)</b> Specification for socket-outlets incorporating residual current devices (S.R.C.D.S.)

## LINE



## VERSIONS

	- 13A single		- 13A SS DP switch, 45A DP switch, with neon
	- 13A SS, DP switch - 13A SS, DP switch, with neon		- 15A SS, DP switch
	- 13A DS, DP switch - 13A DS, DP switch, with neon - 13A DS, DP switch + RCD		- 5A SS, SP switch

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## TECHNICAL CHARACTERISTICS

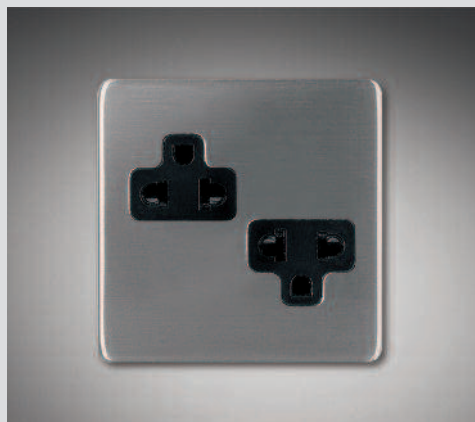
Rated current:	5A - 13A - 15A
Rated voltage:	250V~
Frequency:	50 Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to Reference Standard:	- 5°C +40°C
Max operating temperature:	60°C
Cabling capacity of the terminals:	3x2,5 mm² 3x4 mm² 2x6 mm² (stranded)
Glow Wire test: (For plastic elements)	850°C
Operating Testing:	15.000 operations at rated current for 13A 5.000 operations at rated current for 5A and 15A
Max installation altitude:	2000 m
Plate dimensions:	86x86 mm single plate 86x146 mm double plate 88x88 mm single plate (only Futura Series) 88x148 mm double plate (only Futura Series)
Mounting box type:	Flush 1-2 gang (min deepness 25mm – 35mm for 15A) Surface 1-2 gang (min deepness 25mm – 35mm for 15A)

Material:	CLASSICA, MODERNA, MODERNA SL, PIANA: Steel for plate and rocker cap. Engineering plastic for inserts FUTURA: Stainless steel AISI 304 for plate and rocker cap. Engineering plastic for inserts
Colour and version:	METAL PLATE AND ROCKER VERSION: - Polished brass - Satin brass - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates and rocker caps are anti finger coated</i> <i>SCAME logo printed by laser on the frontplate.</i> ROCKER AND SOCKET PLASTIC FRAME: - Brown (only Classica Series) - Black - White <i>Writings and symbols by silk printing</i>

## APPLICATION EXAMPLES



## SOCKET OUTLETS - SWITCHED AND UNSWITCHED SOCKETS NOT UK STANDARDS



## LINE



## VERSIONS

	- 16A German single (shuttered)		- 15A 127V American single
	- 16A Euro-American single		- 15A 127V American double
	- 16A Euro-American double		- 15A 127V American single, SP switch
	- 16A Euro-American single + 10AX SP switch		- 16A SS, international single
			- 16A SS, international single, SP switch

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## TECHNICAL CHARACTERISTICS

Rated current:	16A
Rated voltage:	250 V~
Frequency:	50 Hz
Insulating voltage:	250 V~
Protection degree:	IP20D
Operating temperature according to	
Reference Standard:	-5°C +40°C
Max operating temperature:	60°C
Cabling capacity of the terminals:	3x2,5 mm <sup>2</sup> 3x4 mm <sup>2</sup> 2x6 mm <sup>2</sup> (stranded)
Glow Wire test: (For plastic elements)	850°C
Max installation altitude:	2000 m.
Plate dimensions:	86x86 mm single plate 88x88 mm single plate (only Futura series)
Mounting box type:	Flush 1 gang (min deepness 25mm) Surface 1 gang (min deepness 25 mm)

Material:

CLASSICA, MODERNA, MODERNA SL, PIANA:  
Steel for plate and rocker cap.  
Engineering plastic for inserts  
FUTURA:  
Stainless steel AISI 304 for plate and rocker cap.  
Engineering plastic for inserts

Colour and version:

**STEEL PLATE AND ROCKER VERSION:**  
- Polished gold  
- Satin gold  
- Polished chrome  
- Satin chrome  
- Polished black nickel  
*All metal plates and rocker caps are anti finger coated  
SCAME logo printed by laser on the frontplate.*  
**ROCKER AND SOCKET PLASTIC FRAME:**  
- Brown (only Classica series)  
- Black (except Classica series)  
- White  
*Writings and symbols by silk printing: white on brown or black plastic frame and black on white plastic frame.*

## APPLICATION EXAMPLES





## SOCKETS OUTLETS - TEL & DATA SOCKETS



## REFERENCES STANDARDS

BS 6312-2  
FCC68  
BS EN 60303-7

## LINE



## VERSIONS



- Telephone, BT master
- Telephone, BT secondary



- RJ11
- RJ12
- RJ45 cat5
- RJ45 cat6
- Double RJ11
- Double RJ12
- Double RJ45 cat5
- Double RJ45 cat6
- RJ11+RJ12
- RJ11+RJ45 cat5
- RJ11+RJ45 cat6
- RJ12+RJ45 cat5
- RJ12+RJ45 cat6

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## TECHNICAL CHARACTERISTICS

Protection degree:	IP 20D
Operating temperature according to Reference Standard:	- 5°C +40°C
Max operating temperature:	60°C
Max installation altitude:	2000 m
Plate dimensions	86x86 mm single plate 88x88 mm single plate (only Futura series)
Mounting box type	Flush 1 gang (min deepness 35 mm) Surface 1 gang (min deepness 35 mm)
Material:	CLASSICA, MODERNA, MODERNA SL, PIANA: Steel for plate and rocker cap. Engineering plastic for inserts FUTURA: Stainless steel AISI 304 for plate and rocker cap. Engineering plastic for inserts

Colour and version:	METAL PLATE AND ROCKER VERSION: - Polished brass - Satin brass
Colour and version:	- Polished chrome - Satin chrome - Polished black nickel <i>All metal plates are anti finger coated</i> <i>SCAME logo printed by laser on the frontplate</i> ROCKER AND SOCKET PLASTIC FRAME: - Brown (only Classica series) - Black - White <i>Writings and symbols by silk printing</i>

## APPLICATION EXAMPLES



# LUXURY Series

## SOCKET OUTLETS - TV/FM/SAT



## REFERENCES STANDARDS

### BS EN 50083

Cabled distribution systems for television and sound signals.

## LINE



## VERSIONS

	- TV CO-AXIAL socket - SAT socket
	- TV/FM/SAT socket
	- TV/SAT socket - SAT/SAT socket - TV/FM CO-AXIAL socket

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## TECHNICAL CHARACTERISTICS

Frequency specification:	TV: 5 - 862 MHz FM: 87,5 - 108 MHz SAT: 950 - 2400 MHz
Protection degree:	IP 20D
Operating temperature according to Reference Standard:	-5°C +40°C
Max operating temperature:	60°C
Glow Wire test: (For plastic elements)	850°C
Max installation altitude:	2000 m
Plate dimensions:	86x86mm single plate
Mounting box type:	Flush 1 gang (min deepness 35mm) Surface 1 gang (min deepness 35mm)
Material:	Steel for plate and rocker cap. Engineering plastic for device frame.

Colour and version:	Metal plate version: - Polished gold
Colour and version:	- Satin gold - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates are anti finger coated</i> <i>SCAME logo printed by laser on the frontplate.</i> ROCKER AND SOCKET PLASTIC FRAME: - Brown (only Classica series) - Black - White <i>Writings and symbols by silk printing</i>

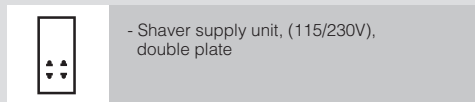
## APPLICATION EXAMPLES



## ■ SOCKET OUTLET - SHAVER SUPPLY UNIT



## ■ VERSIONS



## ■ REFERENCES STANDARDS

**BS EN 61558-2-5 (2010)**

Safety for transformers, reactors, power supply units and combinations thereof. Particular requirements and tests for transformers for shavers. Power supply units for shavers and shaver supply units.

## ■ LINE



## ■ TECHNICAL CHARACTERISTICS

Rated current:	20VA
Rated voltage:	230V~ input 115V~/230V~ output
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to	
Reference Standard:	-5°C +40°C
Max operating temperature:	60°C
Cabling capacity of the terminals:	2x2,5 mm <sup>2</sup> 1x4 mm <sup>2</sup>
Glow Wire test: (for plastic elements)	850°C
Max installation altitude:	2000 m
Plate dimensions:	86x146 mm double plate 88x148 mm double plate (only Futura series)
Mounting box type:	Flush 2 gang (min deepness 35 mm)

Material:	CLASSICA, MODERNA, MODERNA SL, PIANA: Steel for plate and rocker cap. Engineering plastic for inserts FUTURA: Stainless steel AISI 304 for plate and rocker cap. Engineering plastic for inserts
Colour and version:	METAL PLATE AND ROCKER VERSION: - Polished brass - Satin brass - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates are anti finger coated.</i> <i>SCAME logo printed by laser on the frontplate.</i> ROCKER AND SOCKET PLASTIC FRAME: - Brown (only Classica series) - Black (except Classica series) - White <i>Writings and symbols by silk printing</i>

## ■ APPLICATION EXAMPLES



## ■ BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant



## HOTEL - ACCESSORIES



## REFERENCES STANDARDS

**BS EN 60669-1 (2000)**  
Switches for household and similar fixed-electrical installation.  
*Part 1: General requirements.*

## LINE



## VERSIONS

	Key card switch
	Dnd & CleanUp + bell push switch

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## TECHNICAL CHARACTERISTICS

Rated current:	10A
Rated voltage:	250 V~
Frequency:	50 Hz
Insulating voltage:	250 V~
Protection degree:	IP20D
Shutdown:	30 seconds after card removal. Card access zone illuminated.
Operating temperature according to Reference Standard:	-5°C +40°C
Max operating temperature:	60°C
Glow Wire test: (for plastic elements)	850°C
Max installation altitude:	2000 m
Plate dimensions:	86x86 mm single plate 88x88 mm single plate (only Futura series)
Mounting box type:	Flush 1 gang (min deepness 35 mm) Surface 1 gang (min deepness 35 mm)

Material:	Steel for plates and device cap. Engineering plastic for device frame.
Colour and version:	<b>METAL PLATE AND ROCKER VERSION:</b> - Polished brass - Satin brass - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates and rocker caps are anti finger coated. SCAME logo printed by laser on the frontplate.</i> <b>ROCKER AND SOCKET PLASTIC FRAME:</b> - Black (except Classica Series) - White <i>Writings and symbols by silk printing</i>

## APPLICATION EXAMPLES



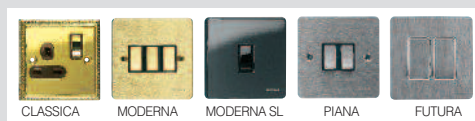
## ELECTRONIC - DIMMER CONTROL SWITCHES



## REFERENCES STANDARDS

**BS EN 60998-2-1 (2004)**  
Connecting devices for low voltage circuits for household and similar purposes. Particular requirements for connecting devices as separate entities with screw-type clamping units.

## LINE



## VERSIONS

	Switches - 1 gang: - 250W, 1 way - 250W, 2 way - 400W, 1 way - 400W, 2 way
	Switches - 2 gang: - 250W, 1 way - 250W, 2 way - 400W, 1 way - 400W, 2 way
	Switches - 3 gang: - 250W, 1 way, double plate - 250W, 2 way, double plate - 400W, 1 way, double plate - 400W, 2 way, double plate
	Switches - 4 gang: - 250W, 1 way, double plate - 250W, 2 way, double plate - 400W, 1 way, double plate - 400W, 2 way, double plate

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## TECHNICAL CHARACTERISTICS

Rated load:	250W – 400W – 500W – 1000W
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to Reference Standard:	-5°C +40°C
Max operating temperature:	60°C
Glow Wire test: (For plastic elements)	850°C
Max installation altitude:	2000 m
Plate dimensions:	86x86 mm single plate 86x146 mm double plate 88x88 mm single plate (only Futura series) 88x148 mm double plate (only Futura series)
Mounting box type	Flush 1-2 gang (min deepness 35 mm) Surface 1-2 gang (min deepness 35 mm)

Material:	CLASSICA, MODERNA, MODERNA SL, PIANA: Steel for plate and rocker cap. Engineering plastic for inserts FUTURA: Stainless steel AISI 304 for plate and rocker cap. Engineering plastic for inserts
Colour and version:	<b>METAL PLATE AND ROCKER VERSION:</b> - Polished brass - Satin brass - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates and knob caps are anti finger coated. SCAME logo printed by laser on the frontplate.</i> <b>ROCKER AND SOCKET PLASTIC FRAME:</b> - Brown (only Classica series) - Black (except Classica series) - White <i>Writings and symbols by silk printing</i>

## APPLICATION EXAMPLES



## ELECTRONIC-FAN CONTROL SWITCH



## VERSIONS



1 gang, Fan control switch

## REFERENCES STANDARDS

**BS EN 60998-2-1 (2004)**

Connecting devices for low voltage circuits for household and similar purposes. Particular requirements for connecting devices as separate entities with screw-type clamping units.

## LINE



CLASSICA

MODERNA

MODERNA SL

PIANA

FUTURA

## TECHNICAL CHARACTERISTICS

Rated load:	80W
Position:	5. On-Off type rotating knob
Rated voltage:	250 V~
Frequency:	50 Hz
Insulating voltage:	250 V~
Protection degree:	IP20D
Operating temperature according to	
Reference Standard:	-5°C +40°C
Max operating temperature:	60°C
Glow Wire test: (For plastic elements)	850°C
Max installation altitude:	2000 m
Plate dimensions:	86x86 mm single plate 88x88 mm single plate (only Futura series)
Mounting box type:	Flush 1 gang (min deepness 35 mm) Surface 1 gang (min deepness 35 mm)

Material:	CLASSICA, MODERNA, MODERNA SL, PIANA: Steel for plate and rocker cap. Engineering plastic for inserts FUTURA: Stainless steel AISI 304 for plate and rocker cap. Engineering plastic for inserts
Colour and version:	METAL PLATE AND ROCKER VERSION: - Polished brass - Satin brass - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates and knob caps are anti finger coated. SCAME logo printed by laser on the frontplate.</i> ROCKER AND SOCKET PLASTIC FRAME: - Brown (only Classica Series) - Black (except Classica Series) - White <i>Writings and symbols by silk printing</i>

## APPLICATION EXAMPLES



## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant



## ACCESSORIES



## REFERENCES STANDARDS

BS 5733 (1995)

## LINE



## VERSIONS

	- Blank plate, single
	- Blank plate, double
	- Cable outlets

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## TECHNICAL CHARACTERISTICS

Operating temperature according to Reference Standard:	-5°C +40°C
Max operating temperature:	60°C
Max installation altitude:	2000 m.
Plate dimensions:	86x86 mm single plate 88x88 mm single plate (only Futura Series) 86x146 mm double plate 88x148 mm double plate (only Futura Series)
Mounting box type:	Flush 1-2 gang Surface 1-2 gang

Material:	Steel
Colour and version:	<b>METAL PLATE VERSION:</b> - Polished gold
Colour and version:	- Satin gold - Polished chrome - Satin chrome - Polished black nickel <i>All metal plates are anti finger coated.</i> <i>SCAME logo printed by laser on the frontplates.</i>

## APPLICATION EXAMPLES



## CONTROL DEVICES - SINGLE POLE SWITCHES



## REFERENCE STANDARDS

**BS EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations.  
*Part 1: general requirements.*

## VERSIONS

	Switches - 1 gang - one way - two way - intermediate switch - bell push
	Switches - 2 gang - one way - two way
	Switches - 3 gang - one way - two way
	Switches - 4 gang - one way (single plate) - two way (single plate) - one way (double plate) - two way (double plate)
	Switches - 6 gang - one way

## TECHNICAL CHARACTERISTICS

Rated current:	<b>10A - 10AX - 20AX</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Operating testing	<b>40.000 operations at rated current 100.000 operations for mechanical life</b>
Max. installation altitude:	<b>2.000 m</b>
Mounting box type:	<b>Flush 1-2 gang (min. depth: 25mm) Surface 1-2 gang (min. depth: 25mm)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

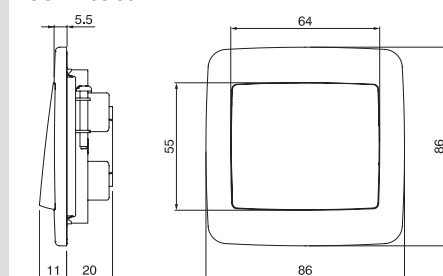
## WIRING AND INSTALLATION

Wiring capacity of the terminals

10A switches	20A switches
4x1 mm²	4x1 mm²
3x1,5 mm²	4x1,5 mm²
2x2,5 mm²	3x2,5 mm²
2x4 mm²	2x4 mm²
1x6 mm²	1x6 mm²

## DIMENSIONS

COD. 108.3011...



(Dimensioni in mm)

## APPLICATION EXAMPLES



CONTROL DEVICES - DOUBLE POLE SWITCHES

REFERENCE STANDARDS



**BS EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations.  
*Part 1: general requirements.*

**WIRING AND INSTALLATION**  
Wiring capacity of the terminals

20A switches	45A switches
3x2.5 mm <sup>2</sup>	4x4 mm <sup>2</sup>
2x4 mm <sup>2</sup>	3x6 mm <sup>2</sup>
1x6 mm <sup>2</sup>	1x16 mm <sup>2</sup>

VERSIONS

	- 20A 1 gang
	- 45A 1 gang
	- 45A 1 gang (double plate)

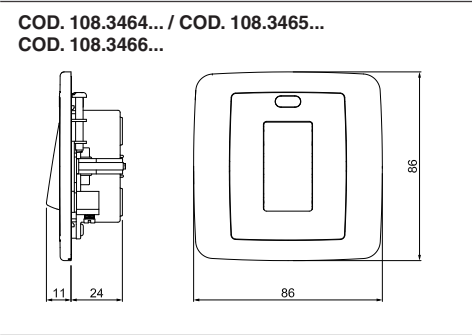
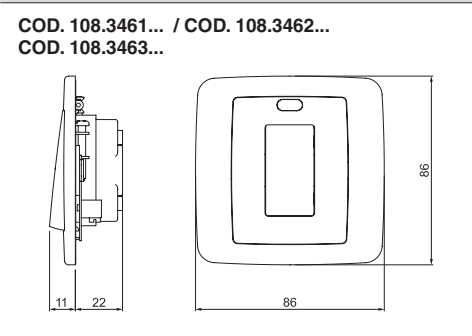
TECHNICAL CHARACTERISTICS

Rated current:	20A - 45A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-5°C +40°C
Max. operating temperature:	60°C
Glow Wire test:	850°C
Operating testing	40.000 operations at rated current 100.000 operations for mechanical life
Max. installation altitude:	2.000 m
Mounting box type:	Flush 1-2 gang (min. depth: 35mm) Surface 1-2 gang (min. depth: 35mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015 Silver - Brass - Anthracite

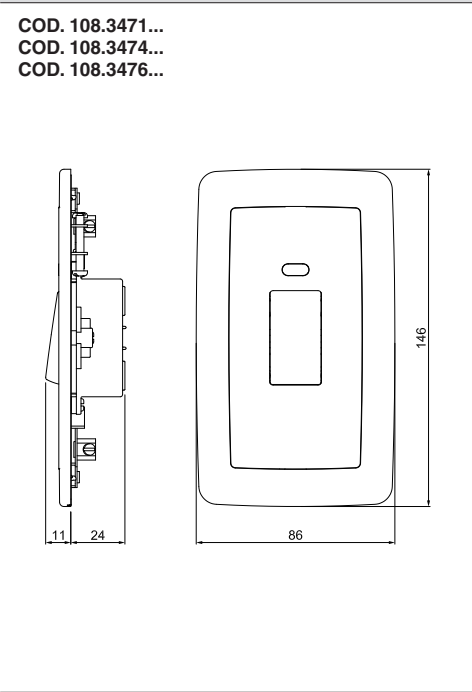
BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

DIMENSIONS



(Dimensioni in mm)



APPLICATION EXAMPLES





CONTROL DEVICES - SPUR UNITS



REFERENCE STANDARDS

**BS EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations.  
*Part 1: general requirements.*

VERSIONS

	With fuse, switch and neon
	With fuse and switch
	With fuse and neon
	With fuse

TECHNICAL CHARACTERISTICS

Rated current:	13A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-5°C +40°C
Max. operating temperature:	60°C
Glow Wire test:	850°C
Wiring capacity of the terminals:	3x2,5mm <sup>2</sup> 2x4mm <sup>2</sup> 1x6mm <sup>2</sup> (stranded)
Max. installation altitude:	2.000 m
Mounting box type:	Flush 1 gang (min. depth: 35mm) Surface 1 gang (min. depth: 35mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite

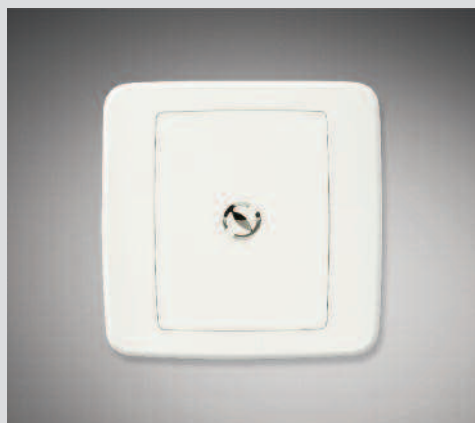
BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

APPLICATION EXAMPLES



## CONTROL DEVICES - CABLE OUTLETS



## VERSIONS



- 20A cable outlet
- 45A cable outlet

## REFERENCE STANDARDS

BS 5733 (1995)

## MARKING



## TECHNICAL CHARACTERISTICS

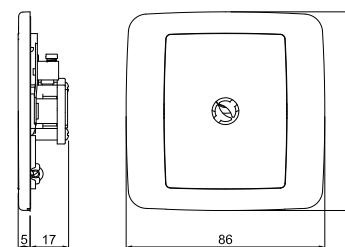
Rated current:	20A - 45A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-5°C +40°C
Max. operating temperature:	60°C
Glow Wire test:	850°C
Max. installation altitude:	2.000 m
Cabling capacity of the terminals 20A:	3x2,5mm <sup>2</sup> 2x4mm <sup>2</sup> 1x6mm <sup>2</sup>
Cabling capacity of the terminals 45A:	4x4mm <sup>2</sup> 3x6mm <sup>2</sup> 1x16mm <sup>2</sup>
Mounting box type:	Flush 1 gang (min. depth: 25mm) Surface 1 gang (min. depth: 25mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

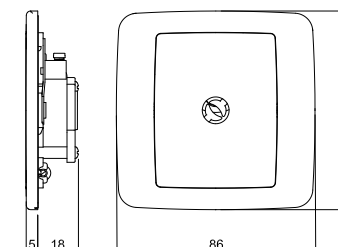
## DIMENSIONS

COD. 108.2032...



(Dimensions in mm)

COD. 108.2034...



## APPLICATION EXAMPLES



## SOCKET OUTLETS - BRITISH STANDARD



## REFERENCE STANDARDS

**BS 1363-2 (1995)**  
13A plugs, socket-outlets and adaptors.  
Specification for 13A switched and unswitched socket-outlets.

**BS 546 (1954)**  
Two-pole and Earthing-Pin plugs, socket-outlets and socket-outlet adaptors for AC (50-60 Hz) circuit up to 250V.

**BS 7288 (1990)**  
Specification for socket-outlets incorporating residual current devices (S.R.C.D.S.)

## VERSIONS

	<ul style="list-style-type: none"> <li>- 13A single switched</li> <li>- 13A single DP switched</li> <li>- 13A single switched with neon</li> <li>- 13A single DP switched with neon</li> </ul>
	<ul style="list-style-type: none"> <li>- 5A single switched</li> <li>- 15A single switched</li> </ul>
	<ul style="list-style-type: none"> <li>- 13A double switched</li> <li>- 13A double DP switched</li> <li>- 13A double switched with neon</li> <li>- 13A double DP switched with neon</li> </ul>
	<ul style="list-style-type: none"> <li>- 13A single DP switched + 45A DP switch with neon</li> <li>- 13A single DP switched + RCD</li> </ul>

## TECHNICAL CHARACTERISTICS RCD

Mechanically latched RCD Module	<b>(Passive)</b>
Rated voltage (Un):	<b>230 volts</b>
Operating voltage range:	<b>50-250V~</b>
Rated load current:	<b>13A</b>
Rated operating residual current (I <sub>dn</sub> ):	<b>30mA</b>
Rated non operating residual current:	<b>0.5I<sub>dn</sub></b>
Rated response time:	<b>&lt;100ms for I<sub>dn</sub> &lt;40ms for 5I<sub>dn</sub></b>
Test means:	<b>External Test Button</b>

## TECHNICAL CHARACTERISTICS

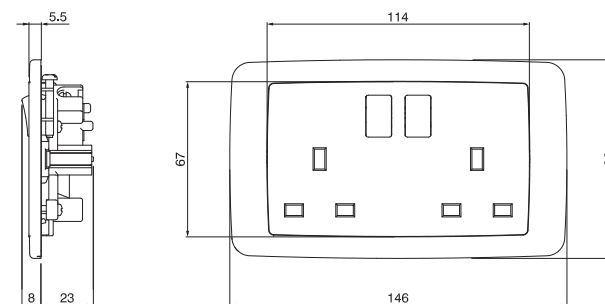
Rated current:	<b>5A - 13A - 15A</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Max. installation altitude:	<b>2.000 m</b>
Cabling capacity of the terminals:	<b>3x2,5mm<sup>2</sup> 2x4mm<sup>2</sup> 2x6mm<sup>2</sup> (stranded)</b>
Mounting box type:	<b>Flush 1-2 gang (min. depth: 35mm) Surface 1-2 gang (min. depth: 35mm)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## DIMENSIONS

COD. 108.4032...



(Dimensions in mm)

## APPLICATION EXAMPLES





## SOCKET OUTLETS - NON UK STANDARD



## REFERENCE STANDARDS

**IEC 60884-1 (2002)**  
Plugs and socket outlets  
for household and similar purposes  
*Part 1: general requirements.*

**NEMA 5-15**  
(American)

## VERSIONS

	- 16A German
	- 15A NEMA single
	- 15A NEMA double
	- 15A NEMA single + 16AX lighting switch
	- 16A International
	- 16A International + 16AX lighting switch

## TECHNICAL CHARACTERISTICS

Rated current:	<b>15A - 16A</b>
Rated voltage:	<b>125V~/250V~</b>
Frequency:	<b>50Hz/60Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Max. installation altitude:	<b>2.000 m</b>
Cabling capacity of the terminals:	<b>3x2,5mm² 3x4mm² 2x6mm²</b>
Mounting box type:	<b>Flush 1 gang (min. depth: 35mm international/NEMA 45mm German) Surface 1 gang (min. depth: 35mm international/NEMA 45mm German)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES



## SOCKET OUTLETS - TELEPHONE AND DATA



## REFERENCE STANDARDS

BS 6312-2  
TIA/EIA TSB40A CAT 5e/CAT6  
TIA/EIA 568-A CAT 5e/CAT6  
ISO/IEC 11801 CAT 5e/CAT6

## VERSIONS

	<ul style="list-style-type: none"> <li>- RJ11 single/double</li> <li>- RJ12 single/double</li> <li>- RJ45 CAT5 single/double</li> <li>- RJ45 CAT6 single/double</li> <li>- RJ11 + RJ45 CAT.5</li> <li>- RJ11 + RJ45 CAT.6</li> <li>- RJ12 + RJ45 CAT.5</li> <li>- RJ12 + RJ45 CAT.6</li> </ul>
	British telecom socket master
	British telecom socket secondary

## TECHNICAL CHARACTERISTICS

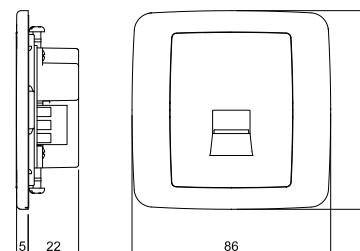
Operating temperature	-5°C +40°C
Max operating temperature	60°C
Protection degree:	IP20
Max. installation altitude:	2.000 m
Mounting box type:	Flush 1 gang (min. depth: 35mm) Surface 1 gang (min. depth: 35mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

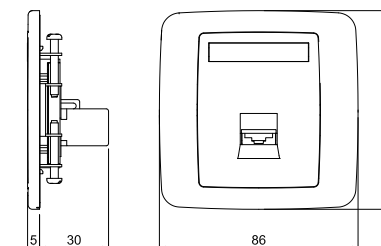
Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## DIMENSIONS

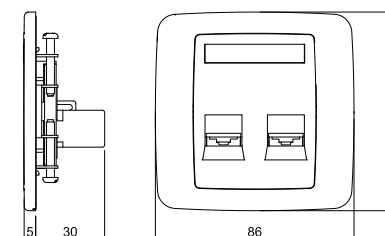
COD. 108.4610... / COD. 108.4620...



COD. 108.5210... / COD. 108.5220...  
COD. 108.5230... / COD. 108.5240...



COD. 108.5250...  
COD. 108.5260...  
COD. 108.5270...  
COD. 108.5280...  
COD. 108.5290...  
COD. 108.5300...  
COD. 108.5310...  
COD. 108.5320...  
COD. 108.5330...  
COD. 108.5340...



(Dimensioni in mm)

## APPLICATION EXAMPLES



## SOCKET OUTLETS - TV/FM/SAT



## REFERENCE STANDARDS

**BS EN 50083-9 (2002)**  
Cabled distribution systems  
for television and sound signals.

## MARKING



## VERSIONS

	TV co-axial
	TV/FM co-axial
	TV/FM/SAT
	TV/SAT
	SAT
	SAT/SAT

## TECHNICAL CHARACTERISTICS

Frequency specification:	TV: 5-862 MHz FM: 87,5-108 MHz SAT: 950-2400 MHz
Operating temperature:	-5°C +40°C
Max. operating temperature:	60°C
Protection degree:	IP20
Max. installation altitude:	2.000 m
Mounting box type:	Flush 1 gang (min. depth: 25/35mm) Surface 1 gang (min. depth: 25/35mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES





## SOCKET OUTLETS - SHAVER SUPPLY UNIT



## VERSIONS



Shaver supply unit

## REFERENCE STANDARDS

### BS EN 61558-2-5 (2010)

Safety for transformers, reactors, power supply units and combinations thereof. Particular requirements and tests for transformers for shavers. Power supply units for shavers and shaver supply units.

## MARKING



## TECHNICAL CHARACTERISTICS

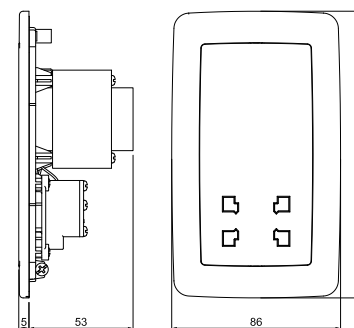
Max load:	20VA
Rated voltage:	230V~ input 115V~/230V output
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-5°C +40°C
Glow Wire test:	850°C
Max. installation altitude:	2.000 m
Cabling capacity of the terminals:	2x2,5mm <sup>2</sup> 1x4mm <sup>2</sup>
Mounting box type:	Flush 2 gang (min. depth: 60mm) Surface 2 gang (min. depth: 60mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## DIMENSIONS

COD. 108.4200...



(Dimensions in mm)

## APPLICATION EXAMPLES



## ELECTRONICS: DIMMER AND FAN CONTROL SWITCHES



## REFERENCE STANDARDS

**BS EN 60669-2-1 (2004) + A12 (2010)**  
Switches for household and similar fixed electrical installations. Particular requirements. Electronic switches.

## MARKING



## VERSIONS

	One gang - One way 500W - Two way 500W - One way 1,000W - Two way 1,000W
	Two gang - One way 500W - Two way 500W
	One gang - Fan control 80W

## TECHNICAL CHARACTERISTICS

Rated load:	500W - 1,000W
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Max. operating temperature:	60°C
Operating temperature:	-5°C +40°C
Glow Wire test:	850°C
Max. installation altitude:	2.000 m
Wiring capacity of the terminals:	3x2,5mm <sup>2</sup> 2x4mm <sup>2</sup> 1x6mm <sup>2</sup> (stranded)
Mounting box type:	Flush 1 gang (min. depth: 35mm/45mm - fan control) Surface 1 gang (min. depth: 35mm/45mm - fan control)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite

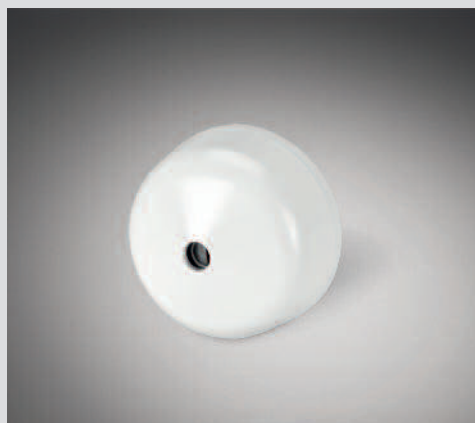
## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

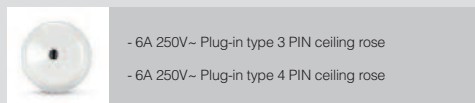
## APPLICATION EXAMPLES



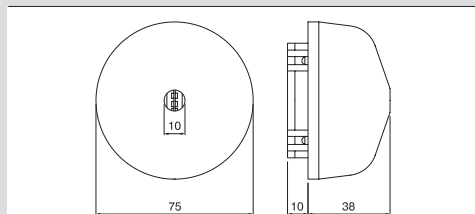
## CEILING ROSE



## VERSIONS



## DIMENSIONS



(Dimensions in mm)



## REFERENCE STANDARDS

BS 5766: 2010  
BS 6972: 1988

## MARKING



## TECHNICAL CHARACTERISTICS

Rated current:	6A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20
Operating temperature according to the reference standard:	-5°C +40°C
Max operating temperature:	60°C
Glow Wire test:	850°C
Max. weight load:	5Kg
Cabling capacity of the terminals:	5x0,75 mmq 5x1 mmq 4x1,5 mmq 3x2,5 mmq 2x4,00 mmq
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015 Red RAL 3020



## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES





## CONTROL DEVICES



## VERSIONS

	Switches - 1 gang - one way (single pole) - two way (single pole) - intermediate switch - bell push
	Switches - 2 gang - one way (single pole) - two way (single pole)
	Switches - 3 gang - one way (single pole) - two way (single pole)
	Switches - 6 gang - one way (single pole)

## REFERENCE STANDARDS

**EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations  
*Part 1: general requirements*

## MARKING



## TECHNICAL CHARACTERISTICS

Rated current:	<b>10A - 10AX - 20AX</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Operating testing:	<b>40.000 operations at rated current 100.000 operations for mechanical life</b>
Max. installation altitude:	<b>2.000 m</b>
Mounting box type:	<b>Flush 1-2 gang (min. deepness: 25mm) Surface 1-2 gang (min. deepness: 17mm)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016 Ivory RAL 1015</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

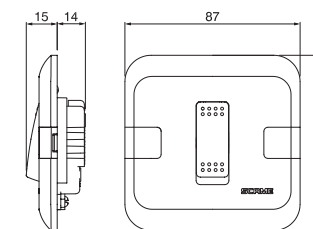
## WIRING AND INSTALLATION

Wiring capacity of the terminals

10A switches	20A switches
4x1 mm <sup>2</sup>	4x1 mm <sup>2</sup>
3x1,5 mm <sup>2</sup>	4x1,5 mm <sup>2</sup>
2x2,5 mm <sup>2</sup>	3x2,5 mm <sup>2</sup>
1x4 mm <sup>2</sup>	2x4 mm <sup>2</sup>
1x6 mm <sup>2</sup>	1x6 mm <sup>2</sup>

## DIMENSIONS

**COD. 103.3211**



(Dimensions in mm)




## APPLICATION EXAMPLES



## CONTROL DEVICES - MEGA ROCKER



### VERSIONS

	Switches - 1 gang - one way (single pole) - two way (single pole) - intermediate switch - bell push
	Switches - 2 gang - one way (single pole) - two way (single pole)
	Switches - 4 gang - one way (single pole) - two way (single pole)

## REFERENCE STANDARDS

**EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations  
*Part 1: general requirements*

### MARKING



### TECHNICAL CHARACTERISTICS

Rated current:	<b>10A - 10AX - 20AX</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Operating testing:	<b>40.000 operations at rated current 100.000 operations for mechanical life</b>
Max. installation altitude:	<b>2.000 m</b>
Mounting box type:	<b>Flush 1-2 gang (min. deepness: 25mm) Surface 1-2 gang (min. deepness: 17mm)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016 Ivory RAL 1015</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

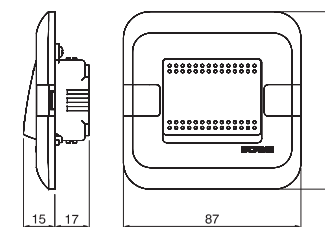
## WIRING AND INSTALLATION

Wiring capacity of the terminals

10A switches	20A switches
4x1 mm <sup>2</sup>	4x1 mm <sup>2</sup>
3x1,5 mm <sup>2</sup>	4x1,5 mm <sup>2</sup>
2x2,5 mm <sup>2</sup>	3x2,5 mm <sup>2</sup>
1x4 mm <sup>2</sup>	2x4 mm <sup>2</sup>
1x6 mm <sup>2</sup>	1x6 mm <sup>2</sup>

## DIMENSIONS

**COD. 103.6011**



(Dimensions in mm)

## APPLICATION EXAMPLES



CONTROL DEVICES - DOUBLE POLE SWITCHES



REFERENCE STANDARDS

**BS EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations.  
*Part 1: general requirements.*

WIRING AND INSTALLATION

Wiring capacity of the terminals	
20A switches	45A switches
3x2.5 mm <sup>2</sup>	4x4 mm <sup>2</sup>
2x4 mm <sup>2</sup>	3x6 mm <sup>2</sup>
1x6 mm <sup>2</sup>	1x16 mm <sup>2</sup>

VERSIONS

	- 20A 1 gang
	- 45A 1 gang
	- 45A 1 gang (double plate)

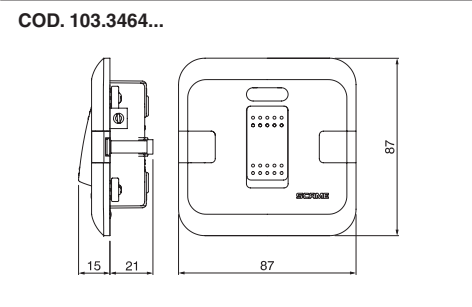
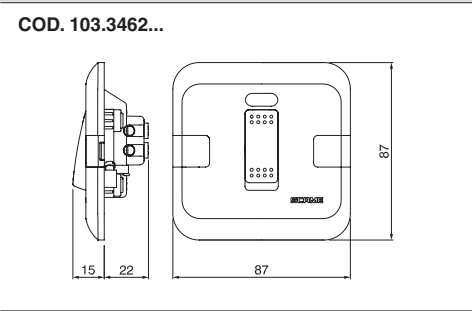
TECHNICAL CHARACTERISTICS

Rated current:	<b>20A - 45A</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Operating testing	<b>40.000 operations at rated current 100.000 operations for mechanical life</b>
Max. installation altitude:	<b>2.000 m</b>
Mounting box type:	<b>Flush 1-2 gang (min. depth: 35mm) Surface 1-2 gang (min. depth: 35mm)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016 Ivory RAL 1015 Silver - Brass - Anthracite</b>

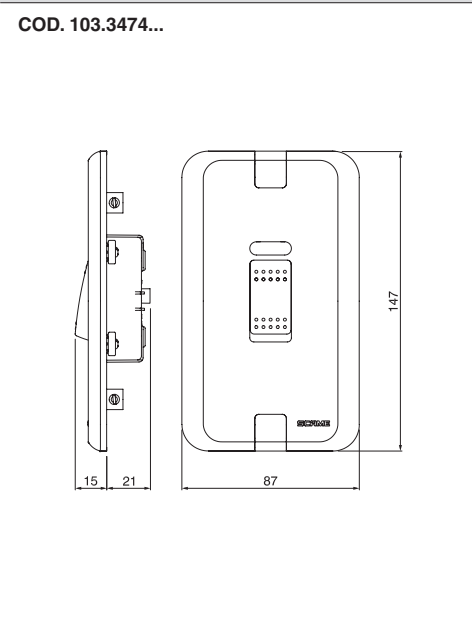
BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

DIMENSIONS



(Dimensions in mm)



APPLICATION EXAMPLES





## CONTROL DEVICES - SPUR UNIT



## REFERENCE STANDARDS

**BS 1363-4 (1995)**  
13A plugs, socket-outlets, adaptors and connection units.  
*Part 4: specification for 13A fused connection units switched and unswitched.*

## VERSIONS

	With fuse, switch and neon
	With fuse and switch
	With fuse and neon
	With fuse

## TECHNICAL CHARACTERISTICS

Rated current:	<b>13A</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Max. installation altitude:	<b>2.000 m</b>
Cabling capacity of the terminals:	<b>3x2,5mm<sup>2</sup> 2x4 mm<sup>2</sup> 1x6 mm<sup>2</sup> (stranded)</b>
Mounting box type:	<b>Flush 1 gang (min. deepness: 25mm)</b>
Fuse:	<b>Ceramic fuse to BS 1362, 13A 250V AC only</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016 Ivory RAL 1015</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES



## CONTROL DEVICES - CABLE OUTLETS



## REFERENCE STANDARDS

BS 5733 (1995)

## MARKING



## VERSIONS

	20A cable outlet
	45A cable outlet

## TECHNICAL CHARACTERISTICS

Rated current:	20A - 45A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-5°C +40°C
Max. operating temperature:	60°C
Glow Wire test:	850°C
Max. installation altitude:	2.000 m
Cabling capacity of the terminals 20A:	3x2,5mm <sup>2</sup> 2x4 mm <sup>2</sup> 1x6 mm <sup>2</sup> (stranded)
Cabling capacity of the terminals 45A:	4x4mm <sup>2</sup> 3x6mm <sup>2</sup> 1x16mm <sup>2</sup> (stranded)
Mounting box type:	Flush 1 gang (min. deepness: 35mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES



## SOCKET OUTLETS - BRITISH STANDARD



## REFERENCE STANDARDS

<p><b>BS 1363-2</b></p> <p>13A plugs, socket-outlets and adaptors. Specification for 13A switched and unswitched socket-outlets.</p>
<p><b>BS 546 (1954)</b></p> <p>Two-pole and Earthing-Pin plugs, socket-outlets and socket-outlet adaptors for AC (50-60 Hz) circuit up to 250V.</p>

## VERSIONS

	British socket 5A
	British socket 13A
	Single British switchsocket 13A
	Double British switchsocket 13A
	Single British switchsocket 15A

## TECHNICAL CHARACTERISTICS

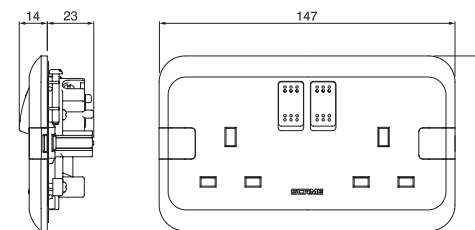
Rated current:	<b>5A - 13A - 15A</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Max. installation altitude:	<b>2.000 m</b>
Cabling capacity of the terminals:	<b>3x2,5mm<sup>2</sup> 3x4mm<sup>2</sup> 2x6mm<sup>2</sup> (stranded)</b>
Mounting box type:	<b>Flush 1-2 gang (min. deepness: 25mm-35mm for 15A) Surface 1-2 gang (min. deepness: 25mm-35mm for 15A)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016 Ivory RAL 1015</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## DIMENSIONS

COD. 103.4031



(Dimensions in mm)

## APPLICATION EXAMPLES





## SOCKET OUTLETS - NON UK STANDARD



## REFERENCE STANDARDS

**IEC 60884-1 (2002)**  
Plugs and socket outlets  
for household and similar purposes  
*Part 1: general requirements.*

**NEMA 5-15**  
(American)

## VERSIONS

	Euro-american socket 16A
	Double Euro-american socket 16A
	Single American switchsocket 15A
	American socket 15A
	Double american socket 15A
	German socket 16A

## TECHNICAL CHARACTERISTICS

Rated current:	<b>13A - 15A - 16A</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Max. installation altitude:	<b>2.000 m</b>
Cabling capacity of the terminals:	<b>3x2,5mm<sup>2</sup> 2x4mm<sup>2</sup> 2x6mm<sup>2</sup> (stranded)</b>
Mounting box type:	<b>Flush 1 gang (min. deepness: 25mm) Surface 1 gang (min. deepness: 25mm)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES



## ■ SOCKET OUTLETS - TELEPHONE AND DATA



## ■ REFERENCE STANDARDS

BS EN 61558-2-5 (1998)  
TIA/EIA TSB40A CAT 5e/CAT6  
TIA/EIA 568-A CAT 5e/CAT6  
ISO/IEC 11801 CAT 5e/CAT6

## ■ VERSIONS



British Telecom socket master



British Telecom socket secondary



- RJ11 module
- RJ12 module
- RJ45 (cat.5) module
- RJ45 (cat.6) module
- RJ11
- RJ12
- RJ45 cat.5
- RJ45 cat.6
- Double RJ11
- Double RJ12
- Double RJ45 cat.5
- Double RJ45 cat.6
- RJ11 + RJ12
- RJ11 + RJ45 cat.5
- RJ11 + RJ45 cat.6
- RJ12 + RJ45 cat.5
- RJ12 + RJ45 cat.6

## ■ TECHNICAL CHARACTERISTICS

Operating temperature: **-5°C +40°C**

Max. operating temperature: **+60°C**

Protection degree: **IP20**

Max. installation altitude: **2.000 m**

Mounting box type: **Flush 1 gang  
(min. deepness: 35mm)  
Surface 1 gang  
(min. deepness: 35mm)**

Material: **Engineering plastic**

Colour: **White RAL 9016  
Ivory RAL 1015**

## ■ BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## ■ APPLICATION EXAMPLES



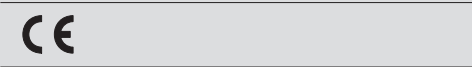
SOCKET OUTLETS - TV/FM/SAT



REFERENCE STANDARDS

**BS EN 50083-9 (2002)**  
Cabled distribution systems  
for television and sound signals.

MARKING



VERSIONS

	TV
	TV/FM
	TV/FM/SAT
	TV/SAT
	SAT
	SAT/SAT

TECHNICAL CHARACTERISTICS

Frequency specification:	TV: 5-862 MHz FM: 87,5-108 MHz SAT: 950-2400 MHz
Operating temperature:	-5°C +40°C
Max. operating temperature:	60°C
Protection degree:	IP20
Max. installation altitude:	2.000 m
Mounting box type:	Flush 1 gang (min. deepness: 35mm) Surface 1 gang (min. deepness: 35mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

APPLICATION EXAMPLES





## SOCKET OUTLETS - SHAVER SUPPLY UNIT



## REFERENCE STANDARDS

**BS EN 61558-2-5 (2010)**  
Safety for transformers, reactors, power supply units and combinations thereof. Particular requirements and tests for transformers for shavers. Power supply units for shavers and shaver supply units.

## MARKING



## VERSIONS



Shaver supply unit

## TECHNICAL CHARACTERISTICS

Max. load:	20VA
Rated voltage:	230V~ input 115V~/230V~ output
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-5°C +40°C
Glow Wire test:	850°C
Max. installation altitude:	2.000 m
Cabling capacity of the terminals:	2x2,5mm <sup>2</sup> 1x4mm <sup>2</sup>
Mounting box type:	Flush 2 gang (min. deepness: 45mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES



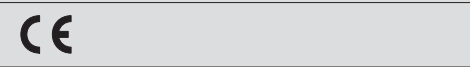
ELECTRONIC - DIMMER CONTROL DEVICE  
AND FAN CONTROL SWITCH






REFERENCE STANDARDS

**BS EN 60669-2-1 (2004) + A12 (2010)**  
Switches for household and similar fixed  
electrical installations. Particular requirements.  
Electronic switches.

MARKING



VERSIONS

	One way 500W - 1.000W
	Two way 500W - 1.000W
	Fan control 80W

TECHNICAL CHARACTERISTICS

Rated load:	500W - 1.000W / 80W
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Operating temperature:	-5°C +40°C
Protection degree:	IP20
Glow Wire test:	850°C
Max. installation altitude:	2.000 m
Mounting box type:	Flush 1 gang (min. deepness: 35mm) Surface 1 gang (min. deepness: 25mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

APPLICATION EXAMPLES



ACCESSORIES



REFERENCE STANDARDS

BS 5733 (1995)  
IEC 60670

MARKING



VERSIONS

-  Surface mounting box - 1 gang  
(Internal depth 35mm)
-  Surface mounting box - 2 gang  
(Internal depth 35mm)
-  Blank plates - 1 gang
-  Blank plates - 2 gang
-  Blank plates - 1 gang  
with 1 hole
-  Blank plates - 1 gang  
with 2 holes

TECHNICAL CHARACTERISTICS

Operating temperature:	-5°C +40°C
Max. operating temperature:	60°C
Protection degree:	IP20
Glow Wire test:	850°C
Max. installation altitude:	2.000 m
Material:	Engineering plastic
Colour:	White RAL 9016

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

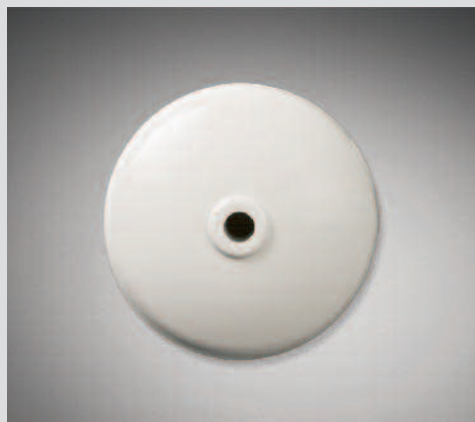
Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

APPLICATION EXAMPLES





## CEILING ROSE



## REFERENCE STANDARDS

BS 67: 1987

## MARKING



## VERSIONS



Ceiling rose

## TECHNICAL CHARACTERISTICS

Rated current:	6A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20
Operating temperature according to the reference standard:	-5°C +40°C
Max. operating temperature:	60°C
Glow Wire test:	850°C
Max. weight load:	5kg
Cabling capacity of the terminals:	3x1mm <sup>2</sup> 2x1,5mm <sup>2</sup> 1x2,5mm <sup>2</sup>
Mounting box type:	Flush 1 gang (min. deepness: 25mm) Surface 1 gang (min. deepness: 25mm)
Material:	Engineering plastic
Colour:	White RAL 9016 Ivory RAL 1015

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistance	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES



## CONTROL DEVICES



## REFERENCE STANDARDS

**EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations.  
*Part 1: general requirements.*

## VERSIONS

	Switches - 1 gang - single pole - one way - two way - intermediate switch - bell push - push button
	Switches - 2 gang - single pole - one way - two way - push button
	Switches - 1 gang - double pole - one way - two way

## TECHNICAL CHARACTERISTICS

Rated current:	<b>10A - 10AX</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>650°C/850°C</b>
Operating testing	<b>40.000 operations at rated current 100.000 operations for mechanical life</b>
Max. installation altitude:	<b>2.000 m</b>
Mounting box type: (German standard)	<b>Flush 1-2 gang (min. depth: 40mm) Surface 1-2 gang (min. depth: 40mm)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White Silver Black</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## APPLICATION EXAMPLES





SOCKET-OUTLETS






TECHNICAL CHARACTERISTICS

Rated current:	16A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-15°C +35°C
Max operating temperature:	60°C
Glow Wire test:	650°C/850°C
Max installation altitude:	2000m
Material:	Engineering plastic
Cabling capacity of the terminal:	15A: 1mm² ÷ 4mm² 16A: 1mm² ÷ 4mm²
Colour:	White - Silver - Black - Red

APPLICATION EXAMPLES



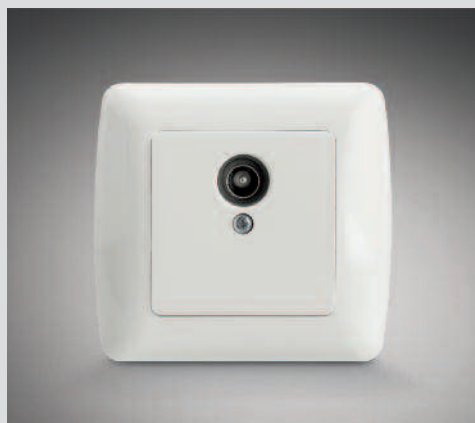
AVAILABLE STANDARDS

		
GERMAN STANDARD - 16A Unshuttered socket IEC 60884 - 1 : 2002	GERMAN STANDARD - 16A Shuttered socket IEC 60884 - 1 : 2002	FRENCH STANDARD - 16A Shuttered socket NCF 61-314

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

## SOCKET OUTLETS: TV - TEL & DATA



### VERSIONS

	<b>TV-Sat sockets</b> - TV end-line socket - TV-FM end line socket - TV-FM-SAT end line socket - SAT socket outlet end line - TV-FM on-line socket
	<b>Tel&amp;Data sockets</b> - 1 module RJ12 - 2 module RJ11 - 1 module RJ45 - 2 module RJ45

## REFERENCE STANDARDS

<b>EN 50083 - 3 : 2002</b> Cabled distribution systems for television and sound signals.
<b>TIA/EIA TSB40A CAT 5e/6</b> <b>TIA/EIA 568-A CAT 5e/6</b> <b>ISO/IEC 11801 CAT 5e/6</b>

## MARKING



## TECHNICAL CHARACTERISTICS

Frequency:	<b>TV: 5-862 Mhz</b> <b>SAT: 950-2400 Mhz</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-15°C +35°C</b>
Max. operating temperature:	<b>60°C</b>
Material:	<b>Engineering plastic</b>
Max installation altitude:	<b>2000m</b>
Colour:	<b>White - Black - Silver</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

## APPLICATION EXAMPLES



# KOMPAS Series



## ELECTRONICS: DIMMER AND FAN CONTROL SWITCHES



## REFERENCE STANDARDS

**BS EN 60669-2-1 (2004) + A12 (2010)**  
Switches for household and similar fixed electrical installations. Particular requirements. Electronic switches.

## MARKING



## VERSIONS



- 400W 220V 1 way switch  
- 400W 220V 2 way switch  
- 500 VA 2 way switch



600 VA fan control

## TECHNICAL CHARACTERISTICS

Rated load: **400VA-600W-800W**

Rated voltage: **250V~**

Frequency: **50Hz**

Insulating voltage: **250V~**

Protection degree: **IP20D**

Max. operating temperature: **60°C**

Operating temperature: **-5°C +40°C**

Glow Wire test: **650°/850°C**

Max. installation altitude: **2.000 m**

Wiring capacity of the terminals: **1,5mm² ÷ 2,5mm²**

Material: **Engineering plastic**

Colour: **White - Black - Silver**

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

## APPLICATION EXAMPLES










FRONT PLATES & FRAMES



VERSIONS

	Single frontplate
	Double frontplate
	Triple frontplate
	Connection box
	Blank plate

TECHNICAL CHARACTERISTICS

Glow wire test:	650°C
Material:	Engineering plastic
Front plates colour:	White Anthracite Silver Brass Copper
Frame colour:	White

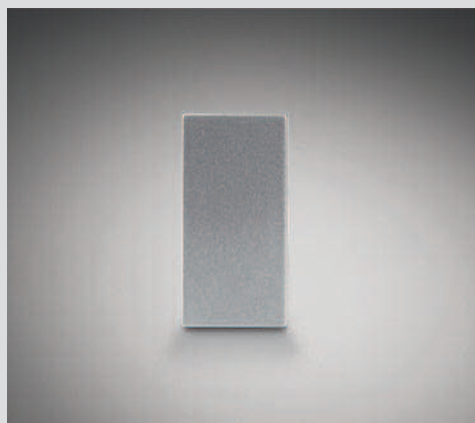
BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant




APPLICATION EXAMPLES



## CONTROL DEVICE



## VERSIONS

	Single module: - single pole 1 way switch - single pole 2 way switch - single pole intermediate switch - single pole push button - double pole switch
	Single module: - single pole 1 way switch - single pole 2 way switch - single pole push button - double pole switch
	Double module: - single pole 1 way switch - single pole 2 way switch - single pole intermediate switch - single pole push button - single pole shutter switch - double pole switch
	Double module: - single pole 1 way switch - single pole 2 way switch - single pole push button - double pole switch

## REFERENCE STANDARDS

**EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations.  
*Part 1: general requirements.*

## MARKING



## TECHNICAL CHARACTERISTICS

Rated current:	<b>10A-10AX-16A-20A</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-15°C +35°C</b>
Max operating temperature:	<b>60°C</b>
Glow Wire test:	<b>650°C/850°C</b>
Max installation altitude:	<b>2000m</b>
Cabling capacity of the terminals:	<b>10AX: 2x 1mm² ÷ 25mm²</b> <b>16A: 1mm² ÷ 4mm²</b> <b>20A: 1,5mm² ÷ 6mm²</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White</b> <b>Anthracite</b> <b>Silver</b> <b>Brass</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

## APPLICATION EXAMPLES





SOCKET-OUTLETS



TECHNICAL CHARACTERISTICS

Rated current:	6A-10A-15A-16A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-15°C +35°C
Max operating temperature:	60°C
Glow Wire test:	650°C/850°C
Max installation altitude:	2000m
Material:	Engineering plastic
Cabling capacity of the terminal:	15A: 1mm² ÷ 4mm² 16A: 1mm² ÷ 4mm²
Colour:	White Anthracite Silver Brass Red

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

APPLICATION EXAMPLES





AVAILABLE STANDARDS

<p>ITALIAN STANDARD P17/11 - 16A Shuttered socket CEI 23-50</p>	<p>GERMAN STANDARD - 16A Shuttered socket IEC 60884 - 1 : 2002</p>	<p>FRENCH STANDARD - 16A Shuttered socket NCF 61-314</p>	<p>BRITISH STANDARD - 15A Shuttered socket BS 546</p>
<p>EURO-AMERICAN STANDARD - 16A Shuttered socket</p>	<p>EURO-AMERICAN 16A Shuttered socket</p>	<p>INTERNATIONAL 16A Unshuttered socket</p>	

## SOCKET OUTLETS: TV - TEL & DATA



### VERSIONS

	TV sockets - 1 gang male - 1 gang female
	Tel&Data sockets - 1 gang RJ11 - 1 gang RJ45 cat. 5 - 1 gang RJ45 cat. 6 - 2 gang french telephone

## REFERENCE STANDARDS

<b>EN 50083 - 3 : 2002</b> Cabled distribution systems for television and sound signals.
<b>TIA/EIA TSB40A CAT 5e/6</b> <b>TIA/EIA 568-A CAT 5e/6</b> <b>ISO/IEC 11801 CAT 5e/6</b>

## MARKING



## TECHNICAL CHARACTERISTICS

Frequency:	<b>TV: 5-862 Mhz</b> <b>SAT: 950-2400 Mhz</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-15°C +35°C</b>
Max. operating temperature:	<b>60°C</b>
Material:	<b>Engineering plastic</b>
Max installation altitude:	<b>2000m</b>
Colour:	<b>White</b> <b>Anthracite</b> <b>Silver</b> <b>Brass</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

## APPLICATION EXAMPLES



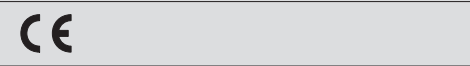
ELECTRONICS: DIMMER AND FAN CONTROL SWITCHES



REFERENCE STANDARDS

**BS EN 60669-2-1 (2004) + A12 (2010)**  
Switches for household and similar fixed electrical installations. Particular requirements. Electronic switches.

MARKING



VERSIONS

	- 600W 220V 1 way - 800W 220V 1 way
	AOO VA fan control

TECHNICAL CHARACTERISTICS

Rated load:	400VA-600W-800W
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Max. operating temperature:	60°C
Operating temperature:	-5°C +40°C
Glow Wire test:	650°/850°C
Max. installation altitude:	2.000 m
Wiring capacity of the terminals:	1,5mm² ÷ 2,5mm²
Material:	Engineering plastic
Colour:	White Anthracite Silver Brass

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

APPLICATION EXAMPLES






FRONT PLATES & FRAMES




VERSIONS



Front plates

1-2-3-4-6 gang



Frames

1-2-3-4-6 gang

TECHNICAL CHARACTERISTICS

Glow wire test:	650°C
Material:	Engineering plastic
Front plates colour:	White Anthracite Silver Brass Copper
Frame colour:	White

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

APPLICATION EXAMPLES



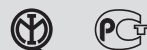
## ■ CONTROL DEVICE



## ■ REFERENCE STANDARDS

**EN 60669-1**  
Switches for household and similar fixed-electrical installations  
Part 1: general requirements

## ■ QUALITY MARKS



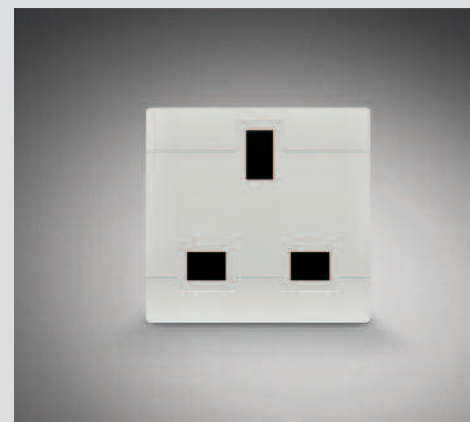
## ■ VERSIONS

	Single pole switches
	Double pole switches
	Reversing switches
	Two-way switches
	Single pole push button
	Double pole push button

## ■ TECHNICAL CHARACTERISTICS

Rated current:	<b>2A - 10A - 16A - 16AX - 20AX</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-15°C +35°C</b>
Max operating temperature:	<b>60°C</b>
Glow Wire test:	<b>650°C/750°C</b>
Material:	<b>Engineering plastic</b>
Cabling capacity of the terminals:	<b>2A: 0,5mm²÷1mm² 10A: 1mm²÷2,5mm² 16A: 1mm²÷4mm² 20A: 1mm²÷6mm²</b>
Glow Wire test:	<b>650°C/850°C</b>
Halogen free:	<b>Yes</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>Grey RAL 7035</b>

## ■ DOMESTIC SOCKET-OUTLETS



## ■ VERSIONS

	Socket-outlet - European Standard
	Socket-outlet - International Standard

## ■ AVAILABLE STANDARDS

<b>ITALIAN STANDARD P10 - 10A</b> Shuttered socket CEI 23-50	<b>ITALIAN STANDARD P11 - 16A</b> Shuttered socket CEI 23-50	<b>ITALIAN STANDARD P17/11 - 16A</b> Shuttered socket Bivalente CEI 23-50	<b>ITALIAN STANDARD P30 - 16A</b> Shuttered socket CEI 23-50	<b>PLURISTANDARD</b> Shuttered socket	<b>GERMAN STANDARD - 16A</b> Shuttered socket DIN VDE 0620
<b>FRENCH STANDARD - 16A</b> Shuttered socket NFC 61-314	<b>BRITISH STANDARD - 13A</b> Shuttered socket BS 1363-2	<b>BRITISH STANDARD - 15A</b> Shuttered socket BS 546	<b>ARGENTINIAN STANDARD - 10A</b> Unshuttered IRAM 2071	<b>ARGENTINIAN STANDARD - 20A</b> Unshuttered IRAM 2071	<b>EURO-AMERICAN STANDARD - 15A</b> Shuttered socket
<b>NEW ZEALAND STANDARD - 10A</b> Unshuttered socket AS/NZS 3112	<b>SOUTH AFRICAN STANDARD - 16A</b> Shuttered socket SANS 164:1 (2006)	<b>BRAZILIAN STANDARD - 10A</b> Unshuttered socket ABNT NBR 14136:2002	<b>INDIAN STANDARD - 6/16A</b> Shuttered socket IS 1293:1988		

## ■ QUALITY MARKS



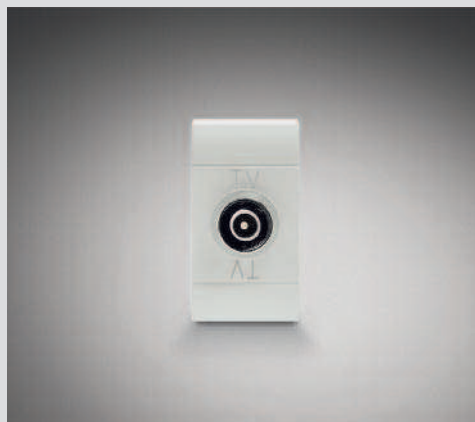
## ■ TECHNICAL CHARACTERISTICS

Rated current:	<b>10A-13A-15A-16A-20A</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-155°C +35°C</b>
Max operating temperature:	<b>60°C</b>
Glow Wire test:	<b>650°C/750°C</b>
Material:	<b>Engineering plastic</b>
Cabling capacity of the terminal:	<b>10A: 1mm²÷2,5mm² 13A: 1,5mm²÷4mm² 15A: 1,5mm²÷4mm² 16A: 1mm²÷4mm² 20A: 1mm²÷6mm²</b>
Glow Wire test:	<b>650°C/850°C</b>
Halogen free:	<b>Yes</b>
Colour:	<b>Grey RAL 7035 Red</b>



## EVOLUTION Series

## TV/SAT OUTLETS (Ø 9,5mm)



## REFERENCE STANDARDS




**CEI EN 50083**  
Communal aerial installations.

**IEC 60169**  
Radio-frequency connectors.

## QUALITY MARKS

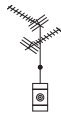
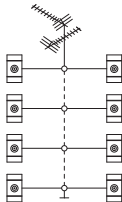
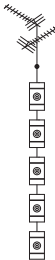


## VERSIONS

	TV outlets Male - Direct - Terminal - Attenuation 12 dB
	Coax/sat/cat. F outlets - Direct
	TV/SAT outlets

## TECHNICAL CHARACTERISTICS

Frequency:	<b>TV: 5-862 Mhz</b> <b>SAT: 950-2400 Mhz</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-15°C +35°C</b>
Max. operating temperature:	<b>60°C</b>
Material:	<b>Engineering plastic</b>
Halogen free:	<b>Yes</b>
Colour:	<b>Grey RAL 7035</b>

Direct	Terminal	Attenuation 12dB
		

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

## APPLICATION EXAMPLES



# UNIBOX Series



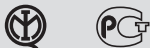
## ENCLOSURE FOR WIRING ACCESSORIES



## REFERENCE STANDARDS

**EN 60670-1**  
Boxes and enclosures for electrical accessories  
for household and similar fixed electrical installations.  
*Part 1: general requirements.*

## QUALITY MARKS



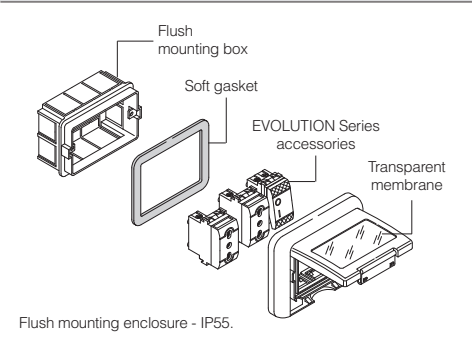
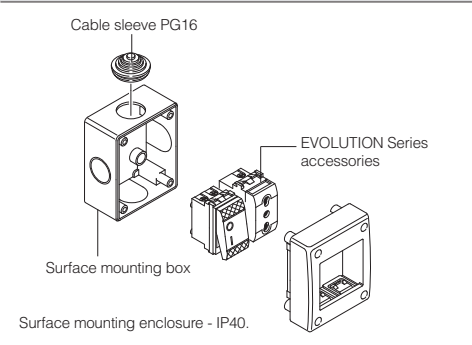
## VERSIONS

	Surface mounting enclosure - IP40
	Surface mounting enclosure - IP55
	Flush mounting enclosure - IP55

## TECHNICAL CHARACTERISTICS

Protection degree:	<b>IP40-IP55</b>
Operating temperature according to the reference standard:	<b>-5°C +35°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>650°C</b>
Material:	<b>Engineering plastic</b>
IK degree at 20°C:	<b>IK06</b>
Colour:	<b>Grey RAL 7035 Anthracite RAL 7021 (flush mounting version)</b>

## INSTALLATION CHARACTERISTICS<



## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Resistant	Resistant

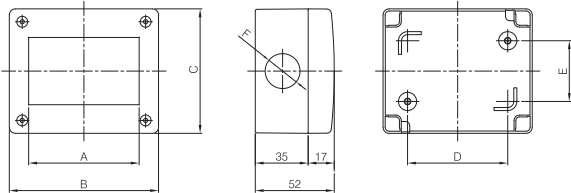
## APPLICATION EXAMPLES



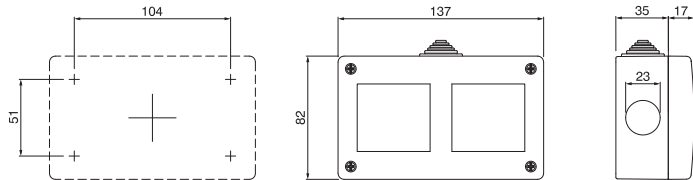
DIMENSIONS

SURFACE MOUNTING ENCLOSURE - IP40

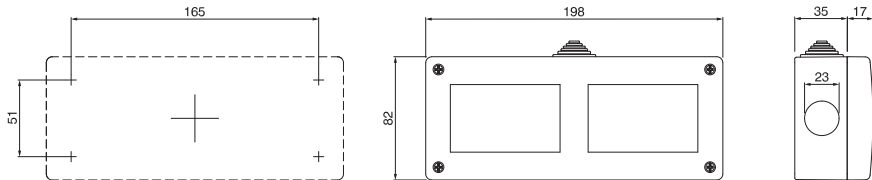
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	1	2	3
A	modules	modules	modules
B	68	68	98
C	82	82	82
D	40	40	66
E	40	40	40
F	N°4 Ø23	N°4 Ø23	N°4 Ø23



COD. 136.4124

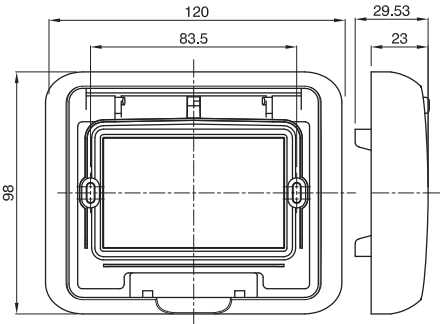


COD. 136.4126

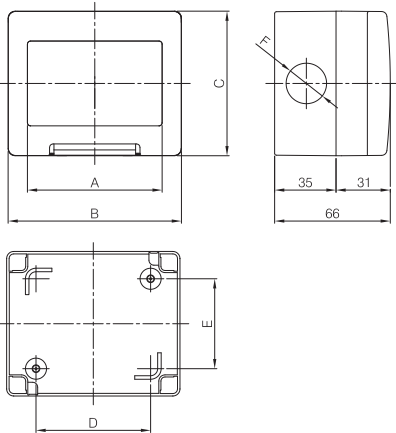


(Dimensions in mm)

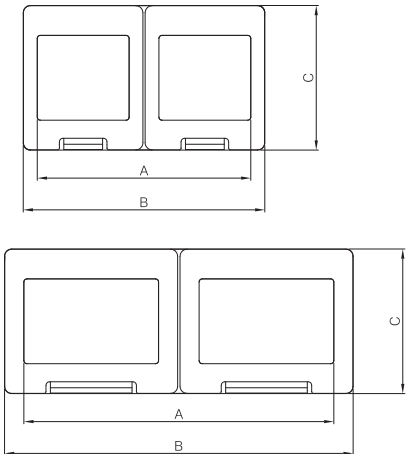
FLUSH MOUNTING ENCLOSURE - IP55



SURFACE MOUNTING ENCLOSURE - IP55



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	1	2	3	4 (2+2)	6 (3+3)
A	modules	modules	modules	modules	modules
B	68	68	98	137	198
C	82	82	82	82	82
D	40	40	66	104	164.7
E	40	40	40	40	40
F	N°4 Ø23	N°4 Ø23	N°4 Ø23	N°11 Ø23	N°11 Ø23



(Dimensions in mm)



ENCLOSURES



VERSIONS

	Empty 1-module enclosure - flush mounting - surface mounting
	Empty 2-module enclosure - flush mounting - surface mounting
	Pole side by side enclosure
	Pole-top enclosure
	3-module flush-mounting box adapter IP55

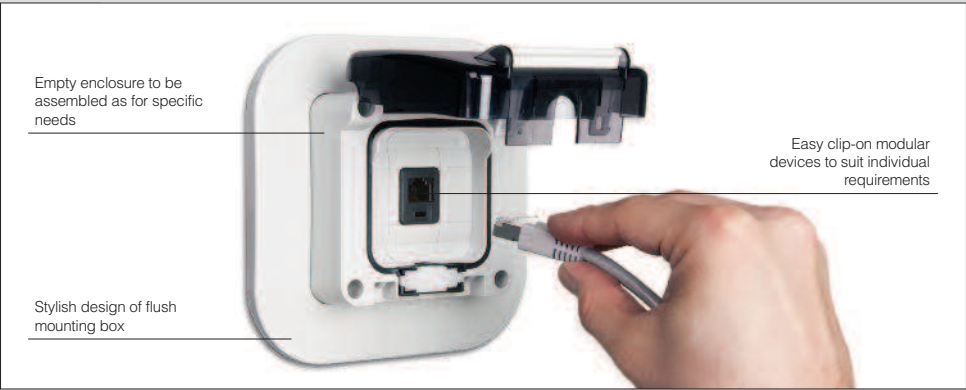
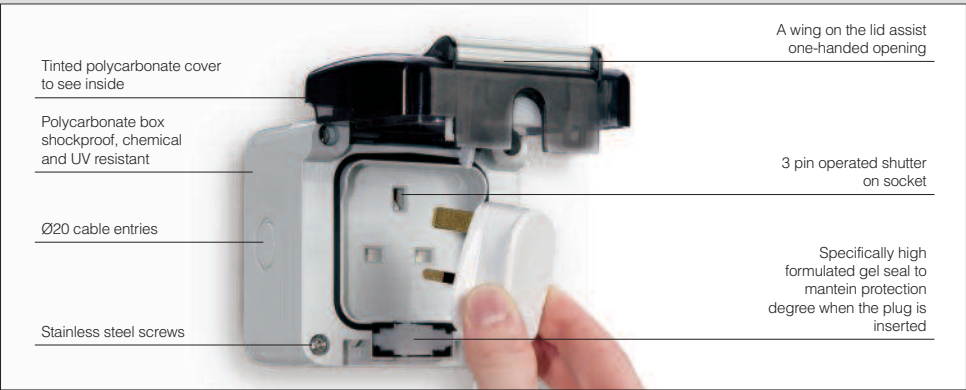
REFERENCE STANDARDS

**EN 60670-1 (2005-10)**  
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations.  
*Part 1: general requirements.*

TECHNICAL CHARACTERISTICS

Protection degree:	<b>IP66 (*)</b>
Operating temperature:	<b>-5°C +60°C</b>
Installation temperature:	<b>-20°C +60°C</b>
Glow Wire test:	<b>650°C</b>
Halogen free:	<b>Si</b>
Material:	<b>Engineering plastic</b>
IK degree at 20°C:	<b>IK07</b>
Cable inlets:	<b>M20</b>
Colour:	<b>Base: grey RAL 7035 Cover: smoke-tinted transparent</b>

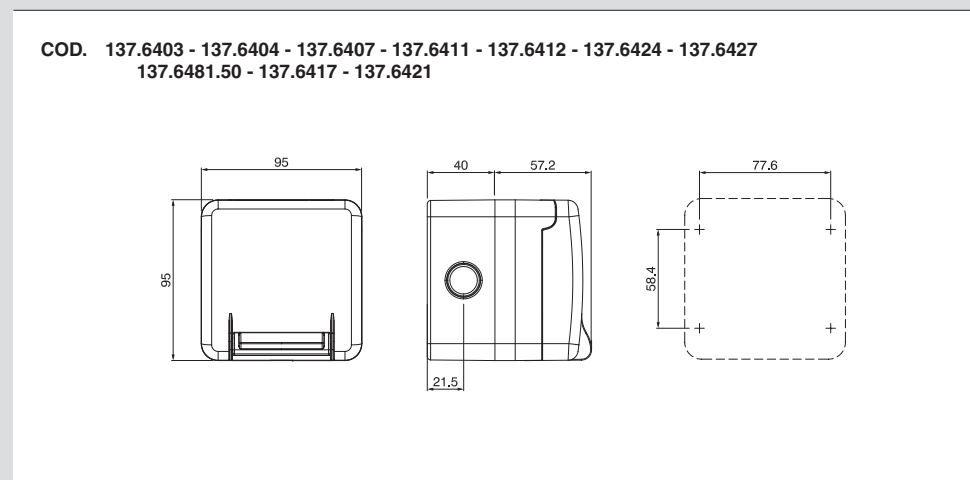
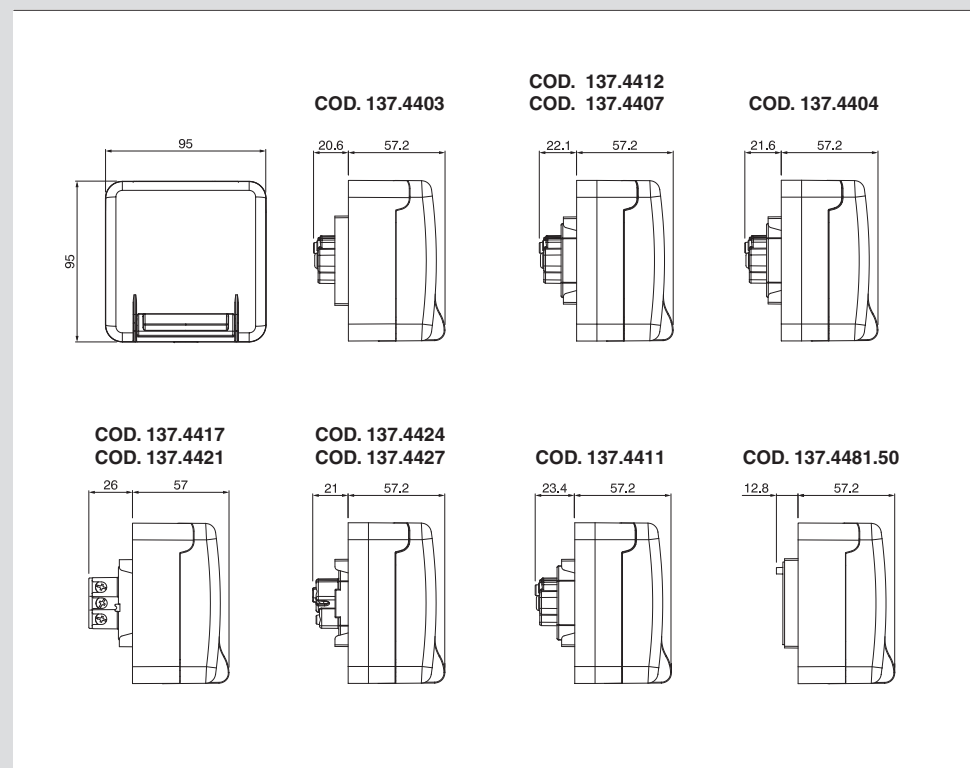
(\*) IP55 for 3-module flush-mounting box adapter flange.



APPLICATION EXAMPLES

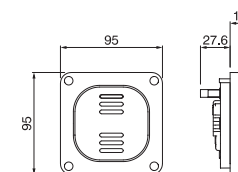


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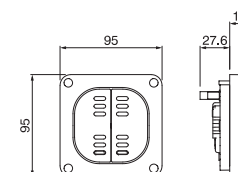


(Dimensions in mm)

**COD. 137.3011**    **137.3012**  
**137.3211**    **137.3212**  
**137.3311B**    **137.3311P**  
**137.3462**    **137.3312P**  
**137.3111**    **137.3112**

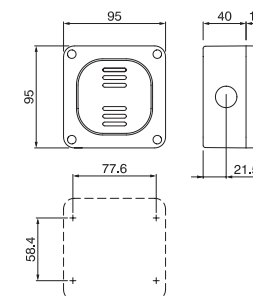


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**137.3321**

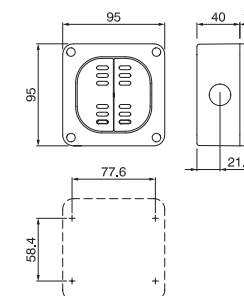


(Dimensions in mm)

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**137.5111**    **137.5112**



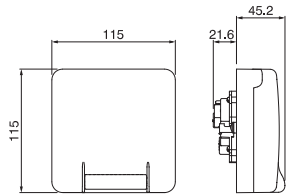
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**137.5321**



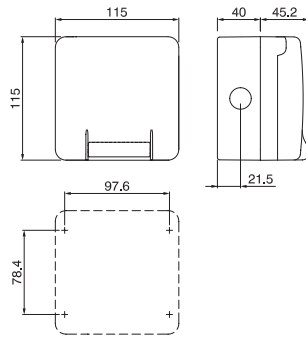


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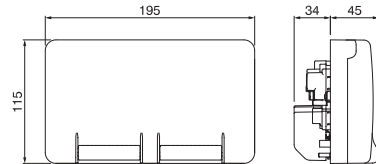
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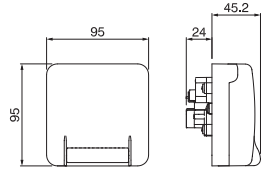
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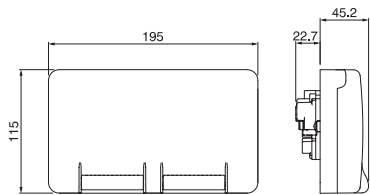
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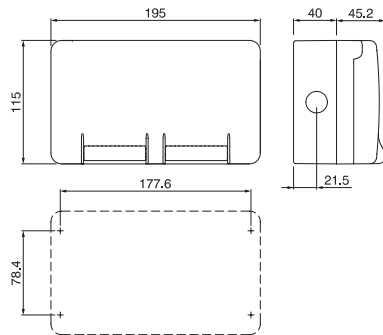
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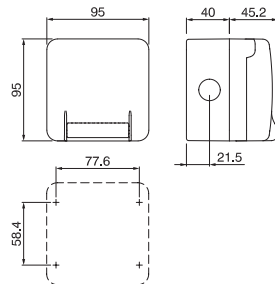
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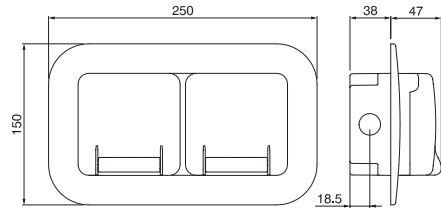
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COD. 137.6001



COD. 137.4002



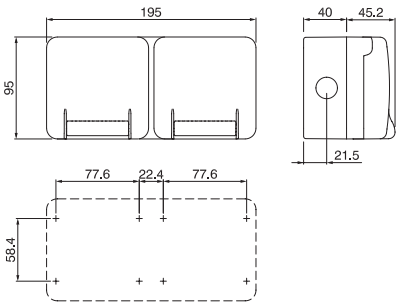
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(Dimensions in mm)

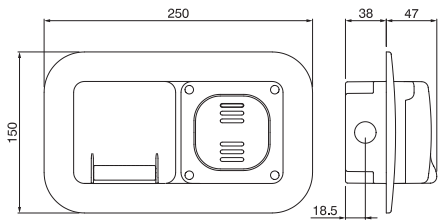
# PROTECTA Series

## DIMENSIONS

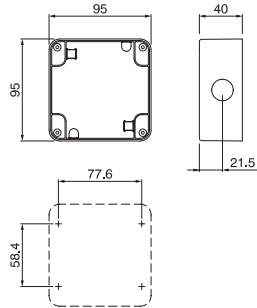
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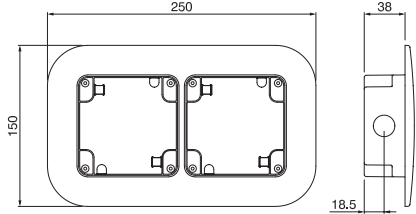
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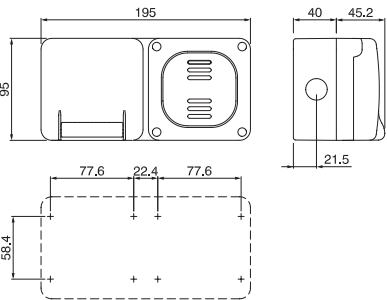
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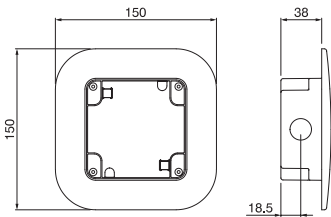
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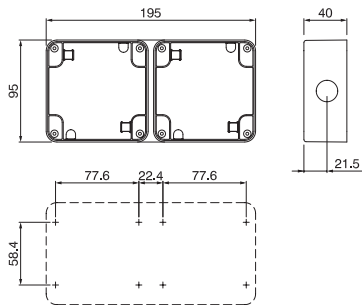
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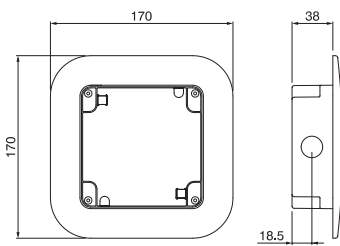
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COD. 137.102



COD. 137.123

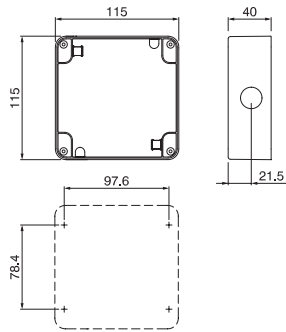


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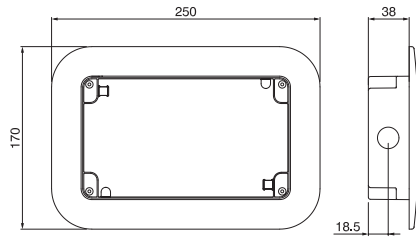
(Dimensions in mm)

DIMENSIONS

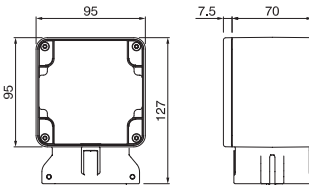
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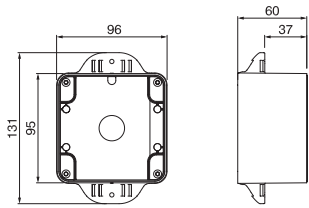
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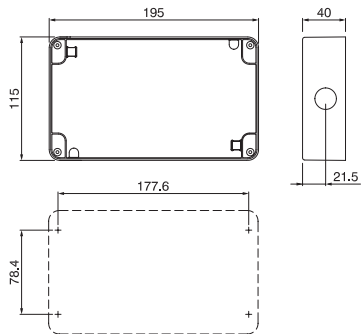
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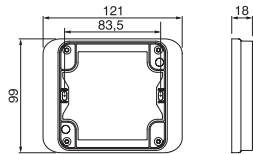
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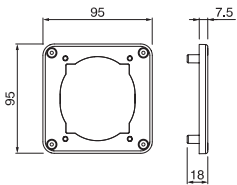
COD. 137.104



COD. 137.125



COD. 137.151



(Dimensions in mm)

(Dimensions in mm)

## CONTROL DEVICE - SINGLE POLE SWITCHES



## REFERENCE STANDARDS

**EN 60669-1**  
Switches for household and similar  
fixed-electrical installations.  
Part 2: general requirements.

## MARKING



## VERSIONS

	10AX 250V - Two way Switch - 1 gang
	10AX 250V - Two way Switch - 2 gang
	10AX 250V - Two way Switch - 3 gang
	10AX 250V - Two way Switch - 4 gang

## TECHNICAL CHARACTERISTICS

Rated current:	<b>10AX</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50 Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to reference standard:	<b>- 5°C +40°C</b>
Max operating temperature:	<b>60°C</b>
Cabling capacity of the terminals:	<b>4x1 mmq 3x1,5 mmq 2x2,5 mmq 1x4 mmq 1x6 mmq</b>
Glow Wire test: (for plastic elements)	<b>850°C</b>
Operating Testing:	<b>40.000 operations at rated current. 100.000 operations for mechanical life (SCAME additional test)</b>
Max installation altitude:	<b>2000 m</b>
Enclosures dimensions:	<b>1-2-3 gang switches: 82 x 82 x 48.5 mm 4 gang switches: 137.5 x 79 x 48.5 mm</b>
Material:	<b>Steel for enclosure. Engineering plastic for device.</b>
Colour and version:	<b>Steel for metallic enclosure. White for rocker and socket plastic frame. Writings and symbols engraved by mould.</b>

## CONTROL DEVICE - DOUBLE POLE SWITCHES



## REFERENCE STANDARDS

**EN 60669-1**  
Switches for household  
and similar fixed-electrical installations.  
Part 1: general requirements.

## MARKING



## VERSIONS

	20A 250V - DP switch with neon - 1 gang
	45A 250V - DP switch with neon - 1 gang

## TECHNICAL CHARACTERISTICS

Rated current:	<b>20A – 45A</b>
Rated voltage:	<b>250 V~</b>
Frequency:	<b>50 Hz</b>
Insulating voltage:	<b>250 V~</b>
Protection degree:	<b>IP 20D</b>
Operating temperature according to reference standard:	<b>- 5°C +40°C</b>
Max operating temperature:	<b>60°C</b>
Cabling capacity of the terminals:	<b>20A switch: 3x2,5 mmq 2x4 mmq 1x6 mmq 45A switch: 4x4 mmq 3x6 mmq 1x16 mmq</b>
Glow Wire test: (For plastic elements)	<b>850°C</b>
Operating Testing:	<b>40.000 operations at rated current 100.000 operations for mechanical life (SCAME additional test)</b>
Max installation altitude:	<b>2000 m</b>
Enclosures dimensions:	<b>20A switch: 82 x 82 x 47 mm 45A switch: 82 x 82 x 49 mm</b>
Material:	<b>Steel for enclosure. Engineering plastic for device.</b>
Colour and version:	<b>Steel for metallic enclosure. White for rocker and socket plastic frame. Red for 45A DP switch plastic rocker cap. Writings and symbols engraved by mould.</b>

## CONTROL DEVICE - SPUR UNITS



## REFERENCE STANDARDS

**BS1363-4**  
13A plugs, socket-outlets, adaptors and connection units.  
Part 4: specification for 13A  
fused connection units switched and unswitched.

## VERSIONS

	13A, Spur unit with fuse, switch and neon
	13A, Spur unit with fuse and switch
	13A, Spur unit with fuse and neon
	13A, Spur unit with fuse

## TECHNICAL CHARACTERISTICS

Rated current:	<b>13A</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50 Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to reference standard:	<b>- 5°C +40°C</b>
Max operating temperature:	<b>60°C</b>
Cabling capacity of the terminals:	<b>3x2,5 mmq 2x4 mmq 1x6 mmq (stranded)</b>
Glow Wire test: (For plastic elements)	<b>850°C</b>
Max installation altitude:	<b>2000 m</b>
Enclosures dimensions:	<b>82 x 82 x 48.5 mm</b>
Fuse:	<b>Ceramic fuse to BS 1362, 13A 250V AC only</b>
Material:	<b>Steel for enclosure. Engineering plastic for device.</b>
Colour and version:	<b>Steel for metallic enclosure. White for rocker and socket plastic frame. Writings and symbols engraved by mould.</b>

## SOCKET OUTLETS - SWITCHED SOCKET OUTLETS



## REFERENCE STANDARDS

**BS 1363-2**  
13A plugs, socket-outlets and adaptor. Specification  
for 13A switched and unswitched socket-outlets.

**BS 546**  
Two-pole and Earthing-Pin plugs, socket-outlets and  
socket-outlet adaptors for AC (50-60 Hz) circuit up to 250V.

**EN 60669-1** (only for 45A DP switch)  
Switches for household and similar fixed-electrical installations.  
Part 1: general requirements.

## MARKING

(only for 45A DP switch)

## VERSIONS

	13A single switchsocket, double pole switch
	13A single switchsocket, double pole switch, with neon
	13A double switchsocket, double pole switch
	13A double switchsocket, double pole switch, with neon
	15A single switchsocket, single pole switch
	45A 250V DP switch with neon + 13A switch- socket, double pole switch, with neon

## TECHNICAL CHARACTERISTICS

Rated current:	<b>13A - 15A</b>
Rated voltage:	<b>250V~</b>
Frequency:	<b>50 Hz</b>
Insulating voltage:	<b>250V~</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to reference standard:	<b>- 5°C +40°C</b>
Max operating temperature:	<b>60°C</b>
Cabling capacity of the terminals:	<b>3x2,5 mmq 3x4 mmq 2x6 mmq (stranded)</b>
Glow Wire test: (For plastic elements)	<b>850°C</b>
Operating Testing:	<b>15.000 operations at rated current for 13A 5.000 operations at rated current for 5A and 15A</b>
Max installation altitude:	<b>2000 m.</b>
Enclosures dimensions:	<b>Single switchsocket: 82 x 82 x 47mm Double switchsocket: 137.5 x 79 x 47 mm Single switchsocket + 45A switch: 137.5 x 79 x 50 mm</b>
Material:	<b>Steel for enclosure. Engineering plastic for device.</b>
Colour and version:	<b>Steel for metallic enclosure: White for rocker and socket plastic frame. Red for 45A DP switch plastic cap. Writings and symbols engraved by mould</b>



# GEA Series

## FLOOR BOXES



## REFERENCE STANDARDS

### EN 60670-1

Boxes and enclosures for electrical accessories for household and similar fixed electrical installations.  
*Part 1: general requirements.*

### EN 60670-23

Boxes and enclosures for electrical accessories for household and similar fixed electrical installations.  
*Part 23: particular requirements for floor boxes and enclosures.*

## VERSIONS

	2 compartments (thermoplastic material) British Standard (BS) Modular (EVOLVE)
	3 compartments (thermoplastic material) British Standard (BS) Modular (EVOLVE)
	3 compartments (metal) British Standard (BS)
	3 compartments (metal) Modular (EVOLVE)

## TECHNICAL CHARACTERISTICS

Protection degree:	<b>IP20 (IP40 fully closed)</b>
Operating temperature according to the reference standard:	<b>-25°C +35°C</b>
Max operating temperature:	<b>60°C</b>
Glow wire test:	<b>650°C</b>
Lid material:	<b>Engineering plastic and metal</b>
Base material:	<b>Engineering plastic or metal</b>
IK degree at 20°C:	<b>IK10</b>
Halogen free:	<b>Yes</b>
Colour:	<b>Grey RAL 7024</b>
Type:	<b>Access floor boxes</b>

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

For specific substances please contact our technical service.

## THERMOPLASTIC BASE DETAILS

### Cable outlets

Rotating cable outlet, from fully closed up to 45 degrees.

### Metal removable separators

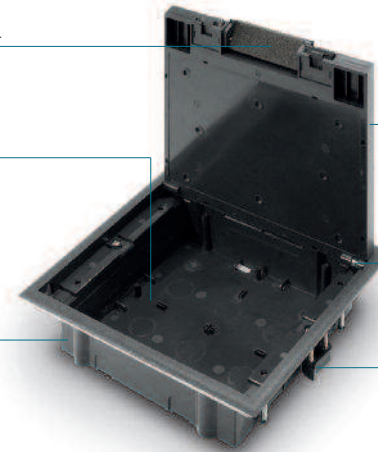
Ensure good separation between power and data

**Adjustable height**  
(76-110 mm)

**Walkable cover**  
Lid reinforced with 3 mm steel insert plate

**Hinge and lid**  
Lid will release by using a screwdriver. The lid can be rotated through 180 degrees to re-position the cable outlet in the opposite direction

**Swivel adjustable fixing**



## METAL BASE DETAILS

### Cable outlets

Rotating cable outlet, from fully closed up to 45 degrees.

### Hinge and lid

Lid will release by pushing the red button. The lid can be rotated through 180 degrees to re-position the cable outlet in the opposite direction

**Walkable cover**  
Lid reinforced with 3 mm steel insert plate

**Metal compartment separators**  
Ensure good separation between power and data

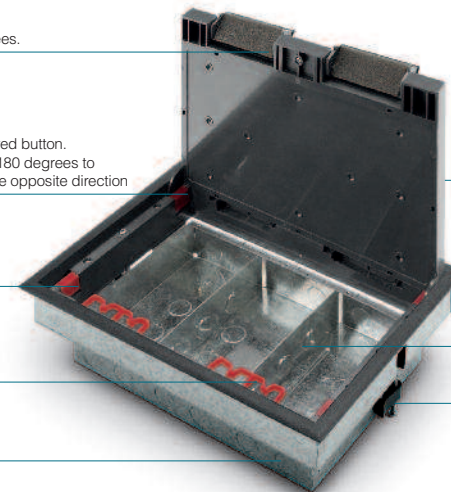
**Swivel adjustable fixing**

### Cable retainers

To hold cables and prevent them to damage

### Knockouts

On each side suitable for concrete installations.



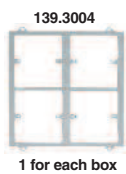
# GEA Series

## 2 COMPARTMENTS THERMOPLASTIC FLOOR BOXES

COD. 139.2000



1 for each box



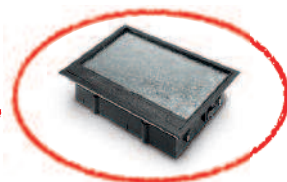
1 for each box

## 3 COMPARTMENTS THERMOPLASTIC FLOOR BOXES

COD. 139.5000



3 for each box



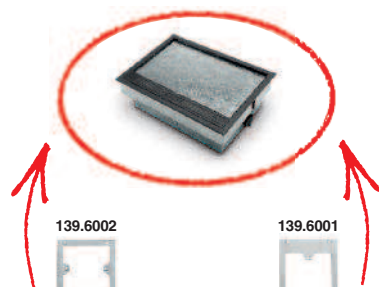
2 for each box



3 for each box

## 3 COMPARTMENTS METAL FLOOR BOXES

COD. 139.5500

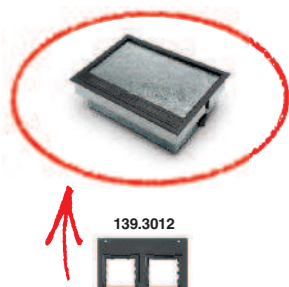


3 for each box



3 for each box

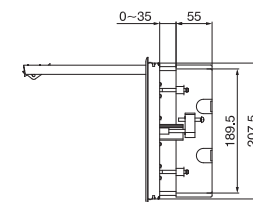
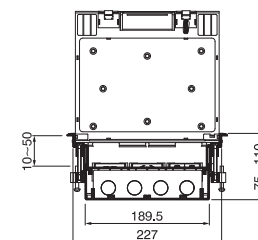
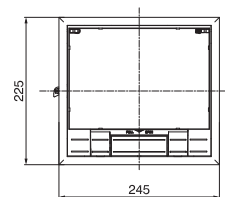
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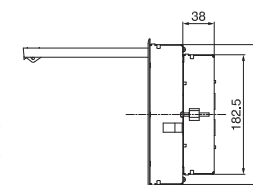
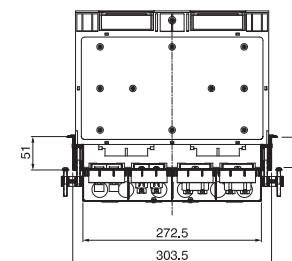
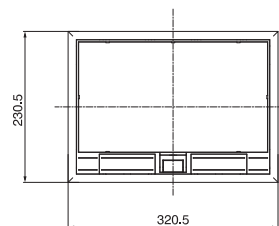
2 for each box

## DIMENSIONS

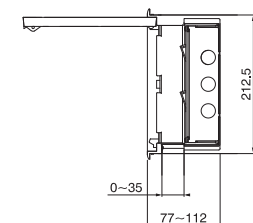
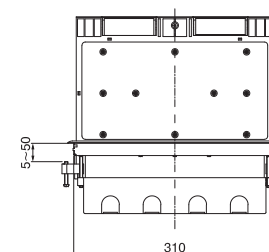
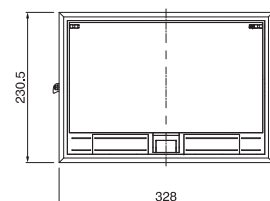
COD. 139.2000



COD. 139.5500 / 139.5600



COD. 139.5000



(Dimensions in mm)

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