

# Panasonic

## THEA MODULAR CATALOGUE





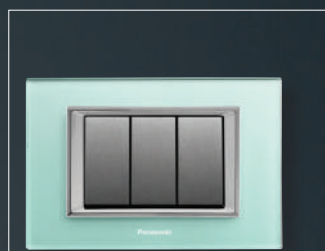
## Panasonic Thea Modular So modular, so popular!

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Modular Introduction

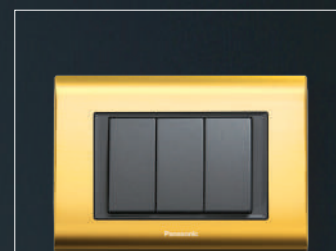


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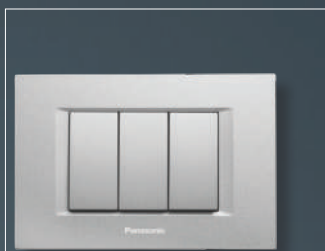
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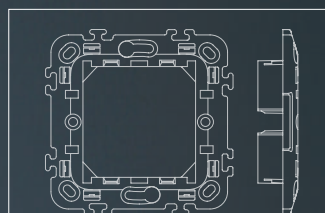
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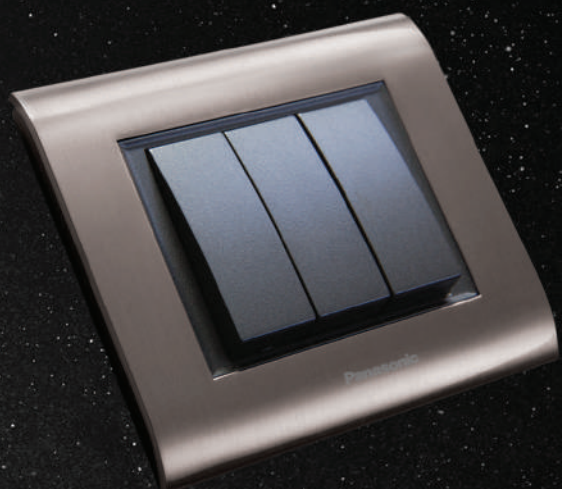
# Welcome to Thea Modular World...

Be ready to meet modular products that will make your life easier with advanced Panasonic technology and exclusive designs. One of the Thea Modular series bringing different needs together in the same frame is absolutely for you...

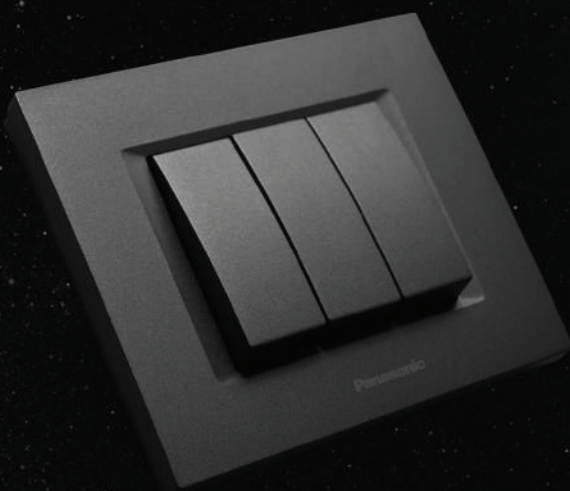


**Thea**  
ultima

**Panasonic**



**Thea**  
sistema



**Thea**  
optima

More  
function  
more design



Thea Modular series introduces the advantages of modular system to the users. With Thea Ultima, Thea Sistema and Thea Optima having modular mechanisms and different forms, Thea Modular series brings freedom of choice to the living spaces.

**Panasonic**

**Thea**  
Modular



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**Thea**  
ultima



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**Thea**  
sistema



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**Thea**  
optima



Panasonic

# Connect to the technology with modular series



With USB connector, USB charger socket, connector for HDMI connection, VGA connector and RCA connector, Thea Modular adds the advantages of technology to make the life easier among the options it offers.

## 1 **Thea Modular USB Charger Socket**

A new period for charging without adapter starts with Thea Modular USB Charger Socket in hotel, home, office. Meet Thea Modular USB Charger Socket and get rid of the excesses. Thea Modular USB Charger Socket introduces you the direct charging comfort through USB cable without adapter. On the other side, 2 separate devices can be simultaneously charged with 5V 2A power output and 2 USB socket output of Thea Modular USB Charger Socket.

## 2 **Thea Modular RCA Connector**

Thea Modular RCA Connector eliminates the stress of searching for input on the devices for audio and image transfers. Now it's easier and more comfortable to connect to the device whatever you want with Thea Modular RCA Connector.



**Thea**  
Modular



### 3 Thea Modular Connector for HDMI Connection

Thea Modular Connector for HDMI Connection brings the facilities to your office, meeting room, hotel or home. Thanks to Thea Modular Connector for HDMI Connection you will meet the comfort of making the connection to projection device, computer or television from the closest and single point and you will get rid of the extra cables causing visual pollution. The only thing to do for that is to make connection inside the wall to Thea Modular Connector for HDMI Connection from the device required for HDMI connection.

### 4 Thea Modular VGA Connector

What about making VGA connections over the socket on your wall? Insert VGA cable to the Thea Modular VGA Connector and start the image transfer within seconds.

### 5 Thea Modular USB Connector

Stop searching for USB input on the television or screen with Thea Modular USB Connector! USB connection that you seek for all of your documents to reflect on the screen from your device in hotel, meeting room or home is as close as Thea Modular USB Connector socket on your wall. Mount Thea Modular USB Connector on the closest accessible point and make the necessary connection to the device you want to use from the modular set. Remove all challenges and obstacles from your life with Thea Modular USB Connector.

# A forward-looking perspective on modular design

## Frame

An exclusive and rich range of modular frame options provided by Ultima, Sistema and Optima models steer the decorations.

## Cover Plate / Rocker

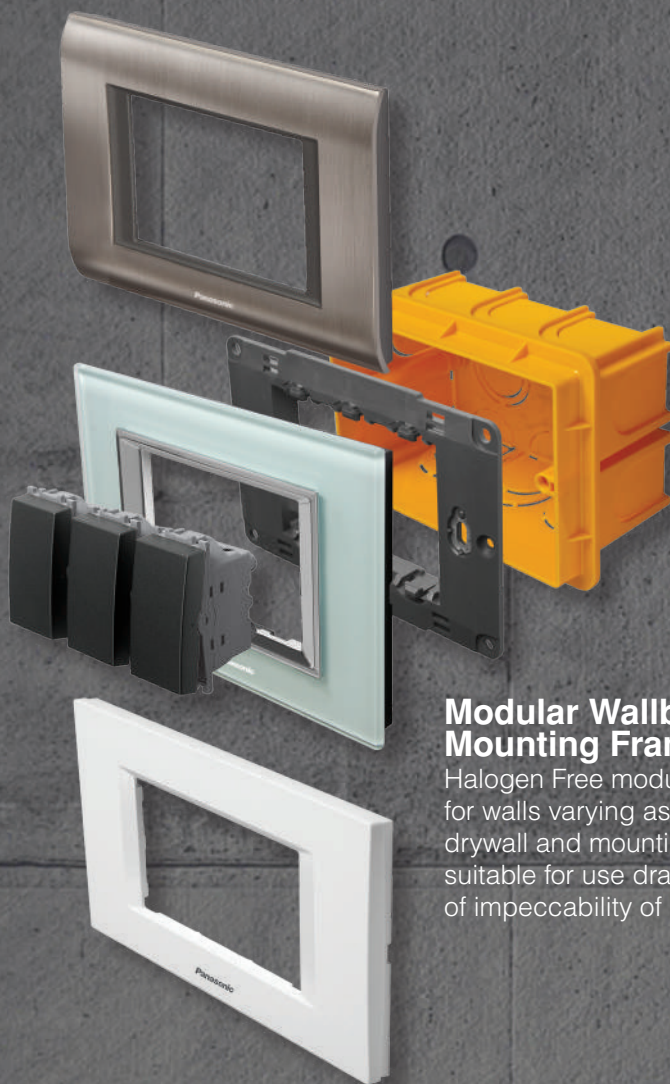
Different colored switching modules are distinctively combined in Italian style to appeal to those having a hard time to choose.

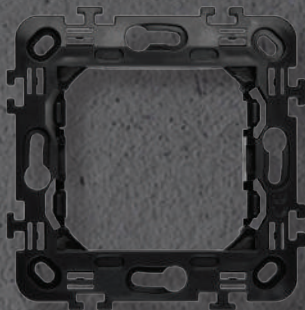
## Modular Mechanism

Modular mechanisms developed for switch, socket, TV/DATA, dimmer, electronic products depending on use serve for the maximum satisfaction of the users.

## Modular Wallbox and Mounting Frames

Halogen Free modular boxes suitable for walls varying as concrete and drywall and mounting frames suitable for use draw the borders of impeccability of modular series.



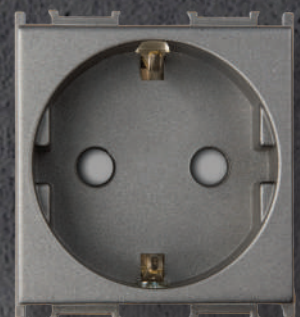
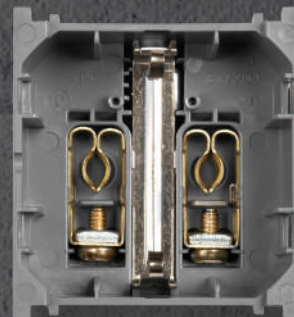


### 2M Mounting Frames

Metal mounting frames ensuring additional strength comparing to regular mounting frames for challenging assembly conditions. Complying with drywall and flush-mounted cases, the design developed for high-performance operation of all modular products.

### 2M Earthed Socket

16A, 250V double pole and earthing contact, safety shutter, screw connection.



### 1M Switch Mechanism

Modular mechanisms with screw connection suitable for 16AX, 250V.

Thea  
ultima

Chasing  
your dreams



**Panasonic**



Thea Ultima is able to make your dreams come true with its different color and material frame alternatives. Make a room for the privilege of using switch, dimmer, socket, TV, satellite, network socket modules together on eye-catching frames.

Thea  
ultima

# Modular design's outstanding colors

## Glass



White



Light Green



Black



Claret Red



Dore

Ultima offers alternatives with white, light green, black and claret red color options to the ones who want to catch the Italian sparkle coming with glass.

## Metallic



Gold



Chrome



Inox

Ultima Metallic frames bringing qualification to furniture and accessories of modern environments catches the integrity in details.



## Eloxal



Silver



Bronze



Black

Modern elegance is taking the center stage of living spaces with Ultima Eloxal frames.

## Wooden



Bamboo



Walnut



Wenge

Ultima Wooden frames offering wenge, walnut, bamboo alternatives add their own warmth to all spaces.



Thea  
sistema

For most impressive  
decorations





**Panasonic**



Metropolitan life continues to steer the decorations considered for living spaces. Thea Sistema offering most impressive design alternatives with 14 different color options, provides the benefit of modularity in living spaces.

# Designs having a voice colors above-the-line



## **Inox**

Sistema frames reflecting the power of zamak alloy determines the preferences with Inox option.

## **Inox Matt**

Modular system concept of Sistema makes dream come true with Inox Matt frames.

## **Chrome**

Spaces gain originality and reflect the style of the owner with Sistema Chrome frames.





### Chrome Matt

Sistema Chrome Matt option leaves visible excesses out of frame.



### Una

Sistema accompanies to the ones who say each space should have a story with Una frames.



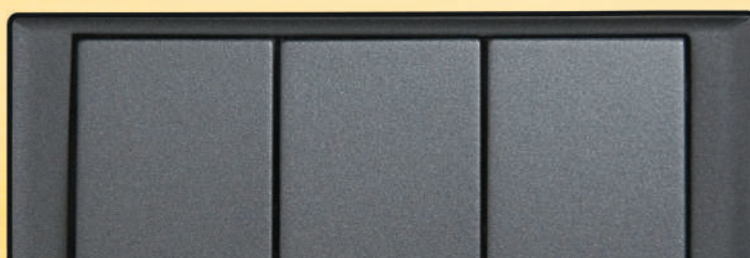
### Antique

Sistema makes an elegant and inspiring offer to the ones with special liking through Antique frames.



### Gold

Sistema Gold frames give a bright touch on living spaces that will leave a mark.



Thea  
optima

Simplicity taking  
the first step



**Panasonic**



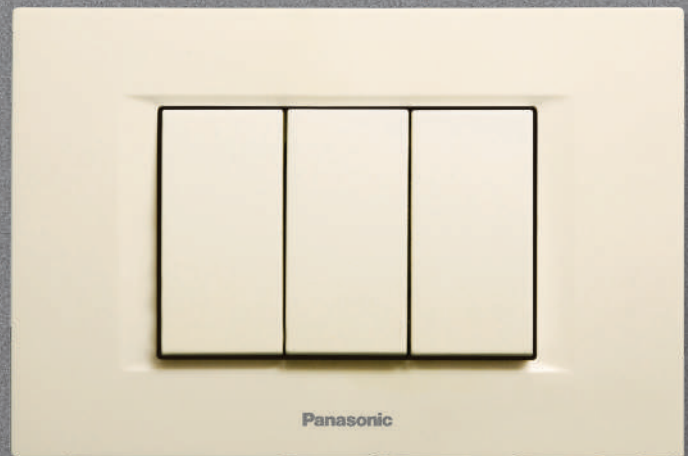
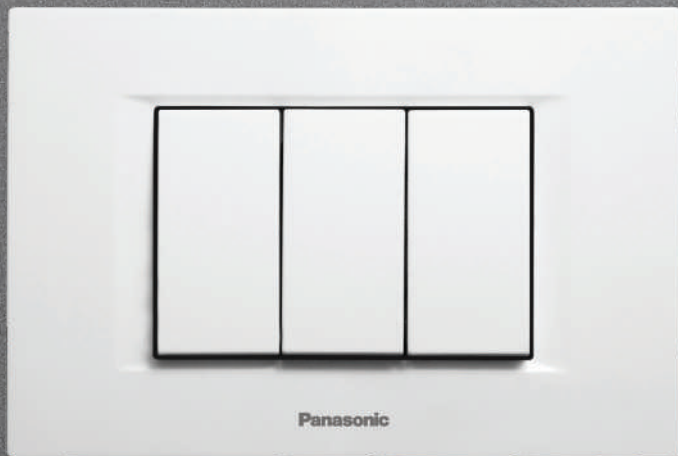
Simplicity taking the center stage with Optima, combining various switching modules. With dimmer products, TV, satellite, network socket solutions, shuttered modular sockets, Optima exhibits its difference.

Thea  
optima

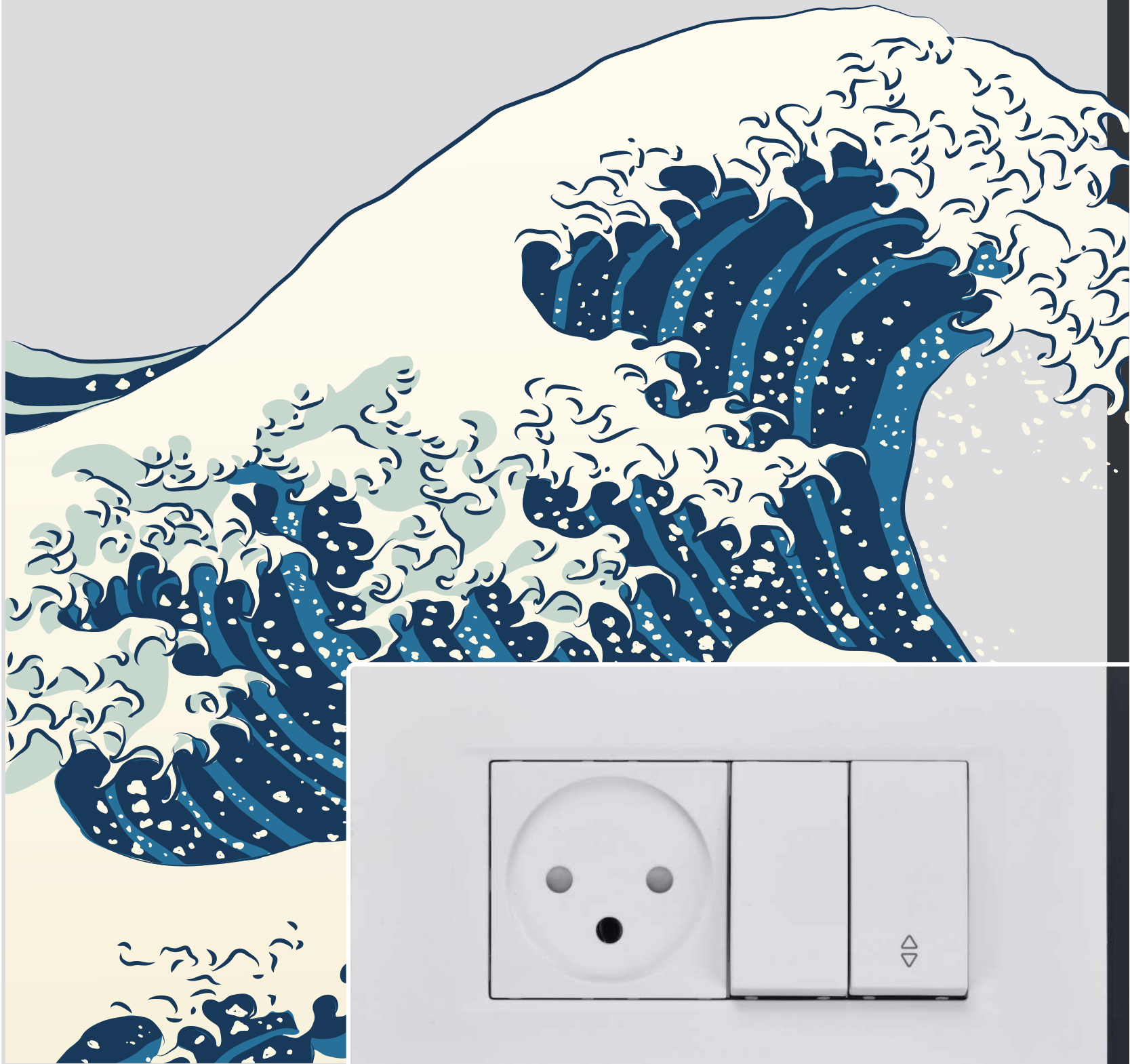
Optima style  
Optima simplicity



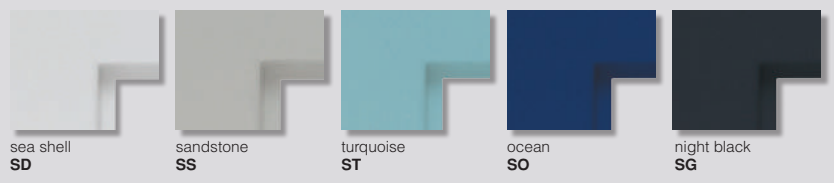
**Panasonic**



Discover the Optima touch with a catchy form on white and beige color options. Aesthetic attitude accompanying the feeling of comfort brings a modern and exclusive appearance to the living spaces. Thea invites the ones who prefer primarily minimal designs to the world of Optima in modular switch and socket applications.

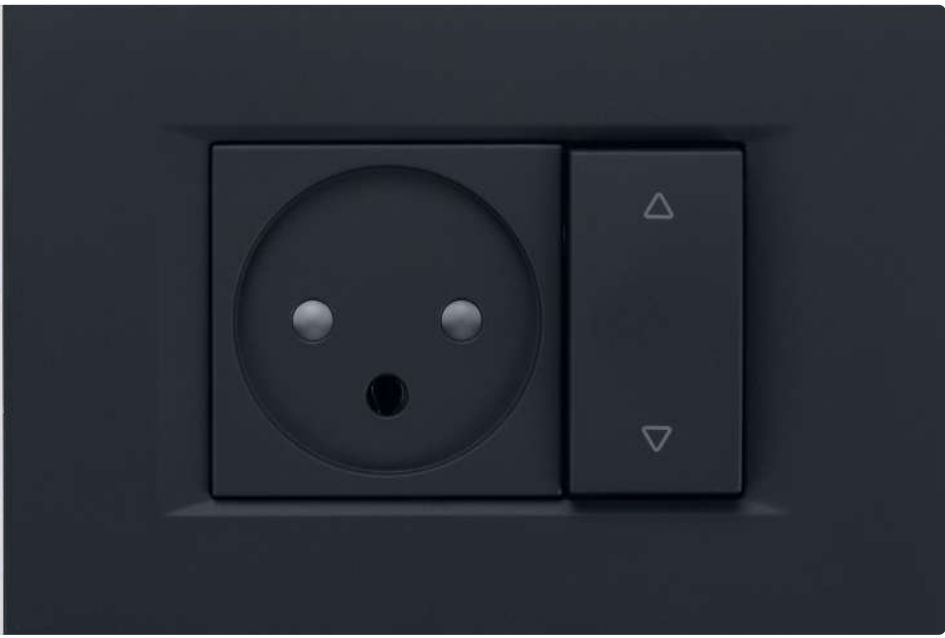


# Modular SoftTouch





Panasonic



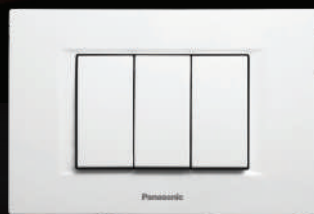
Elegant touch for modular design

Panasonic Soft Touch Modular is inspired by the magnificent work "The Great Wave of Kanagawa" by Japanese artist Katsushika Hokusai and brings the nobility of art to the walls of your home with its Night Black, Sea Shell, Sandstone, Turquoise and Ocean colour options, its soft texture and its modular structure that combines different uses.

Naive in design, elegant in texture.

Thea  
optima

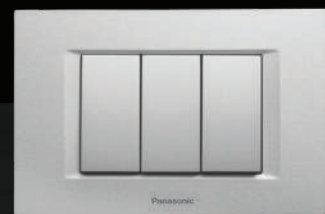
# Power of colors decoration privileges



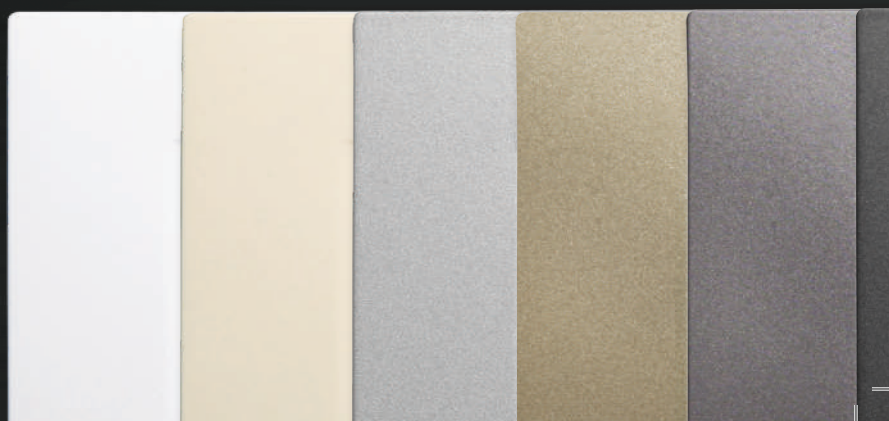
White



Beige

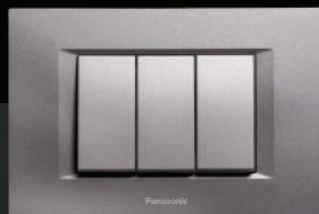


Metallic White

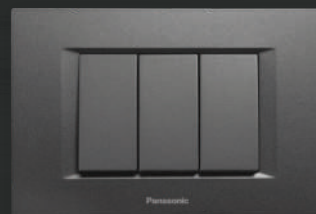




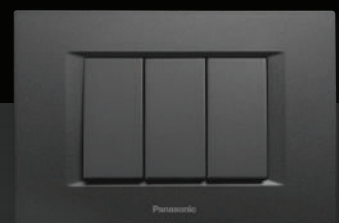
Dore



Hard Coal



Dark Gray



Black

Optima reflects the elegance of modular design on everyday life with White, Metallic White, Beige, Dore, Hard Coal, Dark Gray and Black color options. Optima largely meets the expectations with modern colors for modern decorations. Each preferred Optima serves for the happiness of the users.

## Switches

### Switch

Mechanism+Rocker 1M WVTT1001-9   Mechanism+Rocker 2M WVTT2001-9



16AX, 250V~  
Screw Terminal



### Switch, Illuminated

Mechanism+Rocker 1M WVTT1002-9   Mechanism+Rocker 2M WVTT2002-9



16AX, 250V~  
Screw Terminal



### Two-way Switch

Mechanism+Rocker 1M WVTT1003-9   Mechanism+Rocker 2M WVTT2003-9



16AX, 250V~  
Screw Terminal



### Two-way Switch, Illuminated

Mechanism+Rocker 1M WVTT1004-9   Mechanism+Rocker 2M WVTT2004-9



16AX, 250V~  
Screw Terminal



### Intermediate Switch

Mechanism+Rocker 1M WVTT1005-9   Mechanism+Rocker 2M WVTT2005-9



16AX, 250V~  
Screw Terminal



### Intermediate Switch, Illuminated

Mechanism+Rocker 1M WVTT1006-9   Mechanism+Rocker 2M WVTT2006-9



16AX, 250V~  
Screw Terminal



### 2-pole Switch

Mechanism+Rocker 1M WVTT1007-9   Mechanism+Rocker 2M WVTT2007-9



16AX, 250V~  
Screw Terminal



### 2-pole Switch, Illuminated

Mechanism+Rocker 1M WVTT1008-9   Mechanism+Rocker 2M WVTT2008-9



16AX, 250V~  
Screw Terminal



### One-way Push Button

Mechanism+Rocker 1M WVTT1016-9   Mechanism+Rocker 2M WVTT2016-9



16A, 250V~  
Screw Terminal



### Push Button, Illuminated

Mechanism+Rocker 1M WVTT1017-9   Mechanism+Rocker 2M WVTT2017-9



16A, 250V~  
Screw Terminal



### Push Button with Bell Symbol

Mechanism+Rocker 1M WVTT1019-9   Mechanism+Rocker 2M WVTT2019-9



16A, 250V~  
Screw Terminal

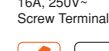


### Push Button with Bell Symbol, Illuminated

Mechanism+Rocker 1M WVTT1020-9   (250V~) Mechanism+Rocker 2M WVTT2020-9   (250V~)  
WVTT1046-9   (24V) WVTT2046-9   (24V)



16A, 250V~  
Screw Terminal



### Rocker Color Alternatives



WH BG


Type of Terminals and Electrical Cables		Solid Wire	Stranded Wire	Flexible Wire
	Screw Terminal	1,0-2,5mm <sup>2</sup>	1,0-2,5mm <sup>2</sup>	—
	Screw Terminal	1,5-2,5mm <sup>2</sup>	1,5-2,5mm <sup>2</sup>	—

Switches


**2-pole Switch**

**Rocker 1M**  
WVTR1018-4

**Rocker 2M**  
WVTR2007-4




16AX, 250V~  
Screw Terminal




**2-pole Switch, Illuminated**

**Rocker 1M**  
WVTR1021-4

**Rocker 2M**  
WVTR2021-4




16AX, 250V~  
Screw Terminal




**Shutter Control Switch**

**Mechanism+Rocker 1M**  
WVTT1023-9

**Mechanism+Rocker 2M**  
WVTT2023-9



10AX, 250V~  
Screw Terminal



**Shutter Control Push Button**

**Mechanism+Rocker 1M**  
WVTT1045-9

**Mechanism+Rocker 2M**  
WVTT2045-9



10A, 250V~  
Screw Terminal



**Emergency Push Button with Cord**

**Mechanism+Rocker 1M**  
WVTT1025-9



16A, 250V~  
Screw Terminal




**Blank Cover**

**Cover Plate 1M**  
WVTR1701-4



**Cable Outlet**

**Cover Plate 1M**  
WVTR1702-4



Dimmers

**PRO Dimmer R 6-100W**

**Mechanism+Cover Plate 1M**  
WVTT1520-9



230V~  
Screw Terminal



**PRO Dimmer R 20-300W**

**Mechanism+Cover Plate 1M**  
WVTT1565-9



230V~  
Screw Terminal



**PRO Dimmer RC 20-300W**

**Mechanism+Cover Plate 1M**  
WVTT1521-9




230V~  
Screw Terminal




**Rotary Dimmer 1-10V**

**Mechanism+Cover Plate 2M**  
WVTT2527-9




230V~  
Screw Terminal




**Universal Dimmer 3-150W** NEW

**Mechanism+Cover Plate 2M**  
WVTT2529-4





230V~  
Screw Terminal



Rocker/Cover Plate Color Alternatives



Type of Terminals and Electrical Cables	Solid Wire	Stranded Wire	Flexible Wire
 Screw Terminal	1.0-2.5mm <sup>2</sup>	1.0-2.5mm <sup>2</sup>	—
 Screw Terminal	1.5-2.5mm <sup>2</sup>	1.5-2.5mm <sup>2</sup>	—

## Sockets

### Socket 2P

Mechanism+Cover Plate 1M  
WVTT1211-9



16A, 250V~  
Screw Terminal, Safety Shutter



### Italian Type Socket

Mechanism+Cover Plate 1M  
WVTT1232-9



13A - 16A, 250V~  
Screw Terminal, Safety Shutter



### Euro-American Socket

Mech. + Cover Plate 1M Mech. + Cover Plate 1M  
WVTT1225-9   WVTT1230-9



13A - 16A, 250V~  
Screw Terminal



13A - 16A, 250V~  
Screw Terminal, Safety Shutter



### Socket 2P+E

Mech. + Cover Plate 2M Mech. + Cover Plate 2M  
WVTT2212-9   WVTT2212-9RD



16A, 250V~  
Screw Terminal, Safety Shutter



### Socket 2P+E with Lid

Mechanism+Cover Plate 2M  
WVTT2210-9



16A, 250V~  
Screw Terminal, Safety Shutter



### Combi Socket

Mechanism+Cover Plate 2M  
WVTT2224-9



6A - 10A - 13A, 250V~  
Screw Terminal, Safety Shutter



### USB Charger Socket

Mechanism+Cover Plate 2M  
WVTT2231-9



2A, 230V~  
Screw Terminal



### Shaver Socket

Mechanism+Cover Plate 3M  
WVTT3233-9



20VA, 110 / 230V~  
Screw Terminal



### C Type 5V-3A 18W Socket NEW

Mechanism+Cover Plate 1M  
WVTT1242-4



16A, 250V~  
Screw Terminal, Safety Shutter

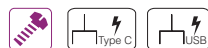


### A+C Type 5V-3A 15W Socket NEW

Mechanism+Cover Plate 1M  
WVTT1241-9



16A, 250V~  
Screw Terminal, Safety Shutter



### Cover Plate Color Alternatives



WH

BG

#### Type of Terminals and Electrical Cables

		Solid Wire	Stranded Wire	Flexible Wire
	Screw Terminal	1,0-2,5mm <sup>2</sup>	1,0-2,5mm <sup>2</sup>	—
	Screwless Terminal	1,5-2,5mm <sup>2</sup>	1,5-2,5mm <sup>2</sup>	—
	Screwless Terminal	1,5-2,5mm <sup>2</sup>	1,5-2,5mm <sup>2</sup>	—

Data and Television Sockets

**Phone Socket (CAT3)**

Mechanism+Cover Plate 1M  
WVTT1402-9



**Data Socket (CAT5)**

Mechanism+Cover Plate 1M  
WVTT1404-9



**Data Socket (CAT6)**

Mechanism+Cover Plate 1M  
WVTT1405-9



**British Type Phone Jack**

Mechanism+Cover Plate 1M  
WVTT1418-9



**USB Connector**

Mechanism+Cover Plate 1M  
WVTT1419-9



**TV Socket, Terminated**

Mechanism+Cover Plate 1M  
WVTT1451-9



**TV Socket, Through-pass**

Mechanism+Cover Plate 1M  
WVTT1453-9   (8dB)  
WVTT1452-9   (12dB)



**TV Socket, Lossless**

Mechanism+Cover Plate 1M  
WVTT1454-9



**SAT Socket, Terminated**

Mechanism+Cover Plate 1M  
WVTT1458-9



**SAT Socket, Through-pass (10 dB)**

Mechanism+Cover Plate 1M  
WVTT1459-9



Cover Plate Color Alternatives



WH

BG

## Data and Television Sockets

### TV-SAT Socket, Terminated

Mechanism+Cover Plate 1M  
WVTT1460-9



### TV-SAT Socket, Terminated

Mechanism+Cover Plate 2M  
WVTT2460-9



### TV-SAT Socket, Through-pass

Mechanism+Cover Plate 2M  
WVTT2462-9   (8dB)  
WVTT2461-9   (11dB)



## Multimedia Sockets

### Connector for HDMI Connection

Mechanism+Cover Plate 1M  
WVTT1470-9



### VGA Connector

Mechanism+Cover Plate 1M  
WVTT1471-9    
WVTT1473-9   (with Terminal)



### RCA Connector

Mechanism+Cover Plate 1M  
WVTT1472-9



### Volume Control Switch

Mechanism+Cover Plate 2M  
WVTT2561-9    
WVTT2564-9   (with Transformer)



### Audio Channel Selection Switch

Mechanism+Cover Plate 2M  
WVTT2563-9

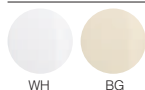


### Audio Socket

Mechanism+Cover Plate 1M  
WVTT1560-9



### Cover Plate Color Alternatives



WH BG



Electronic Products

**Analog Thermostat**

Mechanism+Cover Plate 2M

WVTT2541-9



230V~



**Motion Detector**

Mechanism+Cover Plate 1M

WVTT1550-9



230V~, 1100W/VA



**Buzzer (Ding-Dong)**

Mechanism+Cover Plate 1M

WVTT1704-9



230V~, 25mA



**Hotel DND/MUR Switch**

Mechanism+Cover Plate 2M

WVTT2014-9



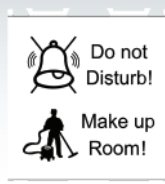
16AX, 250V~  
Screw Terminal



**Do not Disturb/Make-up Room Indicator**

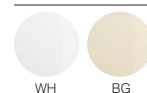
Mechanism+Cover Plate 2M

WVTT2705-9NC



230V~, 2,5W Power Consumption

Cover Plate Color Alternatives



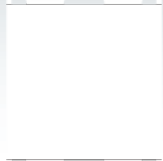
WH

BG

## Direction Indicators

### Orientation Lamp - White

Mechanism+Cover Plate 2M  
WVTT2724-9WH



230V~, 5W Power Consumption

### Orientation Lamp - Red

Mechanism+Cover Plate 2M  
WVTT2724-9RD



230V~, 5W Power Consumption

### Orientation Lamp - Green

Mechanism+Cover Plate 2M  
WVTT2724-9GR



230V~, 5W Power Consumption

### Orientation Lamp - Blue

Mechanism+Cover Plate 2M  
WVTT2724-9BU



230V~, 5W Power Consumption

### Direction Indicator - Arrow

Mechanism+Cover Plate 2M  
WVTC0707-9NC



230V~, 5W Power Consumption

### Direction Indicator - Warning

Mechanism+Cover Plate 2M  
WVTC0709-9NC



230V~, 5W Power Consumption

### Direction Indicator - Exit

Mechanism+Cover Plate 2M  
WVTC0710-9NC



230V~, 5W Power Consumption

### Direction Indicator - Male/Female

Mech. + Cover Plate 2M    Mech. + Cover Plate 2M  
WVTC0718-9NC (M)    WVTC0719-9NC (F)




230V~, 5W Power Consumption




## Switches (Mechanism and Rockers)

### Switch

<b>Mechanism</b> WVTM1001-9NC	<b>Rocker 1M</b> WVTR1001-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2001-4 <input type="checkbox"/>
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16AX, 250V~  
Screw Terminal




### Switch, Illuminated

<b>Mechanism</b> WVTM1002-9NC (250V~) WVTM1042-9NC (Red Illum.) WVTM1047-9NC (24V)	<b>Rocker 1M</b> WVTR1002-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2002-4 <input type="checkbox"/>
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16AX, 250V~  
Screw Terminal




### Two-way Switch

<b>Mechanism</b> WVTM1003-9NC	<b>Rocker 1M</b> WVTR1003-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2003-4 <input type="checkbox"/>
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16AX, 250V~  
Screw Terminal




### Two-way Switch, Illuminated

<b>Mechanism</b> WVTM1004-9NC (250V~) WVTM1049-9NC (24V)	<b>Rocker 1M</b> WVTR1004-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2004-4 <input type="checkbox"/>
--	---	---




16AX, 250V~  
Screw Terminal




### Intermediate Switch

<b>Mechanism</b> WVTM1005-9NC	<b>Rocker 1M</b> WVTR1005-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2005-4 <input type="checkbox"/>
----------------------------------	---	---




16AX, 250V~  
Screw Terminal




### Intermediate Switch, Illuminated

<b>Mechanism</b> WVTM1006-9NC	<b>Rocker 1M</b> WVTR1006-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2006-4 <input type="checkbox"/>
----------------------------------	---	---




16AX, 250V~  
Screw Terminal




### 2-pole Switch

<b>Mechanism</b> WVTM1043-9NC	<b>Rocker 1M</b> WVTR1001-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2001-4 <input type="checkbox"/>
----------------------------------	---	---




16AX, 250V~  
Screw Terminal




### 2-pole Switch, Illuminated

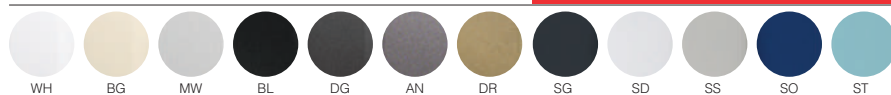
<b>Mechanism</b> WVTM1044-9NC	<b>Rocker 1M</b> WVTR1002-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2002-4 <input type="checkbox"/>
----------------------------------	---	---



16AX, 250V~  
Screw Terminal



### Cover Plate Color Alternatives




### Type of Terminals and Electrical Cables

Type of Terminals and Electrical Cables	Solid Wire	Stranded Wire	Flexible Wire
Screw Terminal	1.0-2.5mm <sup>2</sup>	1.0-2.5mm <sup>2</sup>	—
Screw Terminal	1.5-2.5mm <sup>2</sup>	1.5-2.5mm <sup>2</sup>	—


Switches (Mechanism and Rockers)

**One-way Push Button**

<b>Mechanism</b> WVTM1016-9NC	<b>Rocker 1M</b> WVTR1016-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2016-4 <input type="checkbox"/>
----------------------------------	---	---




16A, 250V~  
Screw Terminal




**One-way Push Button, Illuminated**

<b>Mechanism</b> WVTM1017-9NC (250V~) WVTM1048-9NC (24V)	<b>Rocker 1M</b> WVTR1017-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2017-4 <input type="checkbox"/>
--	---	---




16A, 250V~  
Screw Terminal




**Push Button with Bell Symbol**

<b>Mechanism</b> WVTM1016-9NC	<b>Rocker 1M</b> WVTR1019-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2019-4 <input type="checkbox"/>
----------------------------------	---	---




16A, 250V~  
Screw Terminal




**Push Button with Bell Symbol, Illuminated**

<b>Mechanism</b> WVTM1020-9NC	<b>Rocker 1M</b> WVTR1020-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2020-4 <input type="checkbox"/>
----------------------------------	---	---




16A, 250V~  
Screw Terminal




**Push Button with Key Symbol**

<b>Mechanism</b> WVTM1016-9NC	<b>Rocker 1M</b> WVTR1018-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2018-4 <input type="checkbox"/>
----------------------------------	---	---




16A, 250V~  
Screw Terminal




**Push Button with Key Symbol, Illuminated**

<b>Mechanism</b> WVTM1017-9NC	<b>Rocker 1M</b> WVTR1021-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2021-4 <input type="checkbox"/>
----------------------------------	---	---




16A, 250V~  
Screw Terminal




**Shutter Control Switch**

<b>Mechanism</b> WVTM1023-9NC	<b>Rocker 1M</b> WVTR1023-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2023-4 <input type="checkbox"/>
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10AX, 250V~  
Screw Terminal




**Shutter Control Push Button**

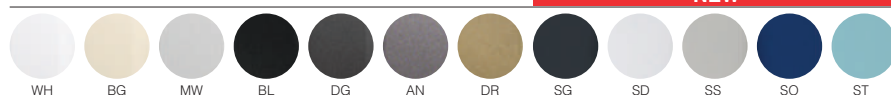
<b>Mechanism</b> WVTM1045-9NC	<b>Rocker 1M</b> WVTR1045-4 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR2045-4 <input type="checkbox"/>
----------------------------------	---	---





10A, 250V~  
Screw Terminal



Cover Plate Color Alternatives




Type of Terminals and Electrical Cables	Solid Wire	Stranded Wire	Flexible Wire
 Screw Terminal	1.0-2.5mm <sup>2</sup>	1.0-2.5mm <sup>2</sup>	—
 Screw Terminal	1.5-2.5mm <sup>2</sup>	1.5-2.5mm <sup>2</sup>	—



## Switches (Mechanism and Rockers)

**Emergency Push Button with Cord**

**Mechanism+Rocker 1M**  
WVTT1025-9





16A, 250V~  
Screw Terminal



**Double One-way Push Button**

**Mechanism** WVTM1013-9NC

**Rocker 1M** WVTR1013-4





10A, 250V~  
Screw Terminal


**Blank Cover**

**Cover Plate 1M**  
WVTR1701-4



**Cable Outlet**

**Cover Plate 1M**  
WVTR1702-4



## Dimmers

**PRO Dimmer R 6-100W**

**Mechanism+Cover Plate 1M**  
WVTT1520-9



230V~  
Screw Terminal




**PRO Dimmer R 20-300W**

**Mechanism+Cover Plate 1M**  
WVTT1565-9



230V~  
Screw Terminal




**PRO Dimmer RC 20-300W**

**Mechanism+Cover Plate 1M**  
WVTT1521-9




230V~  
Screw Terminal






**Rotary Dimmer 1-10V**

**Mechanism+Cover Plate 2M**  
WVTT2527-9




230V~  
Screw Terminal





**Universal Dimmer 3-150W** NEW

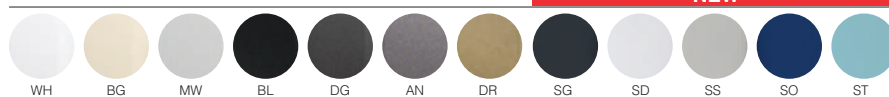
**Mechanism+Cover Plate 2M**  
WVTT2529-4





230V~  
Screw Terminal




### Cover Plate Color Alternatives



Type of Terminals and Electrical Cables		Solid Wire	Stranded Wire	Flexible Wire
	Screw Terminal	1.0-2.5mm <sup>2</sup>	1.0-2.5mm <sup>2</sup>	—
	Screw Terminal	1.5-2.5mm <sup>2</sup>	1.5-2.5mm <sup>2</sup>	—

Sockets (Mechanism and Rockers)

Socket 2P

Mechanism+Cover Plate 1M  
WVTT1211-9



16A, 250V~  
Screw Terminal, Safety Shutter



Italian Type Socket

Mechanism+Cover Plate 1M  
WVTT1232-9



13A - 16A, 250V~  
Screw Terminal, Safety Shutter



Euro-American Socket

Mech. + Cover Plate 1M    Mech. + Cover Plate 1M  
WVTT1225-9     WVTT1230-9



13A - 16A, 250V~  
Screw Terminal



13A - 16A, 250V~  
Screw Terminal, Safety Shutter



Socket 2P+E

Mech. + Cover Plate 2M    Mech. + Cover Plate 2M  
WVTT2212-9     WVTT2212-9 RD



16A, 250V~  
Screw Terminal, Safety Shutter



Socket 2P+E with Lid

Mechanism+Cover Plate 2M  
WVTT2210-9

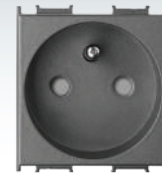


16A, 250V~  
Screw Terminal, Safety Shutter



Socket 2P+E (French Standard)

Mechanism+Cover Plate 2M  
WVTT2213-9



16A, 250V~  
Screw Terminal, Safety Shutter



Socket 2P+E (British Type)

Mechanism+Cover Plate 2M  
WVTT2226-9



6A - 10A - 13A, 250V~  
Screw Terminal, Safety Shutter



Combi Socket

Mechanism+Cover Plate 2M  
WVTT2224-9



6A - 10A - 13A, 250V~  
Screw Terminal, Safety Shutter



USB Charger Socket

Mechanism+Cover Plate 2M  
WVTT2231-9



2A, 230V~  
Screw Terminal



Shaver Socket

Mechanism+Cover Plate 3M  
WVTT3233-9



20VA, 110 / 230V~  
Screw Terminal



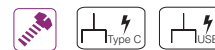
C Type 5V-3A 18W Socket NEW

Mechanism+Cover Plate 1M  
WVTT1242-4

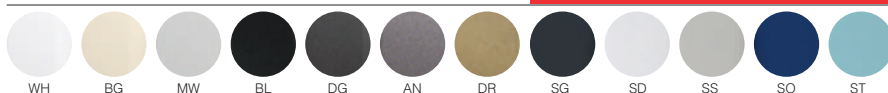


A+C 5V-3A 15W Socket NEW

Mechanism+Cover Plate 1M  
WVTT1241-9



Cover Plate Color Alternatives



NEW

Type of Terminals and Electrical Cables		Solid Wire	Stranded Wire	Flexible Wire
	Screw Terminal	1,0-2,5mm <sup>2</sup>	1,0-2,5mm <sup>2</sup>	—
	Screwless Terminal	1,5-2,5mm <sup>2</sup>	1,5-2,5mm <sup>2</sup>	—
	Screwless Terminal	1,5-2,5mm <sup>2</sup>	1,5-2,5mm <sup>2</sup>	—

## Data and Television Sockets

### Phone Socket (CAT3)

Mechanism+Cover Plate 1M  
WVTT1402-9



### Data Socket (CAT5)

Mechanism+Cover Plate 1M  
WVTT1404-9



### Data Socket (CAT6)

Mechanism+Cover Plate 1M  
WVTT1405-9



### British Type Phone Jack

Mechanism+Cover Plate 1M  
WVTT1418-9



### USB Connector

Mechanism+Cover Plate 1M  
WVTT1419-9



### TV Socket, Terminated

Mechanism+Cover Plate 1M  
WVTT1451-9



### TV Socket, Through-pass

Mechanism+Cover Plate 1M  
WVTT1453-9   (8dB)  
WVTT1452-9   (12dB)



### TV Socket, Lossless

Mechanism+Cover Plate 1M  
WVTT1454-9



### SAT Socket, Terminated

Mechanism+Cover Plate 1M  
WVTT1458-9



### SAT Socket, Through-pass (10 dB)

Mechanism+Cover Plate 1M  
WVTT1459-9



### Cover Plate Color Alternatives





Data and Television Sockets

**TV-SAT Socket, Terminated**

Mechanism+Cover Plate 1M  
WVTT1460-9



**TV-SAT Socket, Terminated**

Mechanism+Cover Plate 2M  
WVTT2460-9



**TV-SAT Socket, Through-pass**

Mechanism+Cover Plate 2M  
WVTT2462-9   (8dB)  
WVTT2461-9   (11dB)



Multimedia Sockets

**Connector for HDMI Connection**

Mechanism+Cover Plate 1M  
WVTT1470-9



**VGA Connector**

Mechanism+Cover Plate 1M  
WVTT1471-9    
WVTT1473-9   (with Terminal)



**RCA Connector**

Mechanism+Cover Plate 1M  
WVTT1472-9



**Volume Control Switch**

Mechanism+Cover Plate 2M  
WVTT2561-9    
WVTT2564-9   (with Transformer)



**Audio Channel Selection Switch**

Mechanism+Cover Plate 2M  
WVTT2563-9

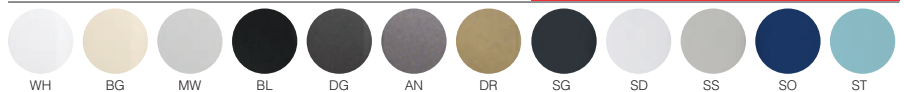


**Audio Socket**

Mechanism+Cover Plate 1M  
WVTT1560-9



Cover Plate Color Alternatives



## Electronic Products

### Analog Thermostat

Mechanism+Cover Plate 2M  
WVTT2541-9



230V~



### Motion Detector

Mechanism+Cover Plate 1M  
WVTT1550-9



230V~, 1100 W/WA



### Buzzer (Ding-Dong)

Mechanism+Cover Plate 1M  
WVTT1704-9



230V~, 25mA



### Energy Saver Mechanic Switch 5V

Mechanism 2M  
WVTM2577-9NC



5V DC, 150mA



### Energy Saver Mechanic Switch 5V

Mechanism 3M  
WVTM3577-9NC



5V DC, 150mA



### Energy Saver Mechanic Switch 230V

Mechanism 2M  
WVTM2576-9NC



230V~, 150mA



### Energy Saver Mechanic Switch 230V

Mechanism 3M  
WVTM3576-9NC



230V~, 150mA



### Energy Saver 13,56 MHz RF

Mechanism 2M  
WVTM2579-4NC



5V DC, 150mA



### Energy Saver 13,56 MHz RF

Mechanism 3M  
WVTM3579-4NC



5V DC, 150mA



### Energy Saver Cover Plate

Cover Plate 2M  
WVTR2721-4   (Optima) - (Sistema)  
WVTR2578-4   (Ultima)



Suitable Frames:  
2M Frame,  
3M Frame - 2 Modules,  
2x2M Frame,  
3x2M Frame,  
4x2M Frame



Available also in White and Beige colors.

### Energy Saver Cover Plate

Cover Plate 3M  
WVTR3721-4



Suitable Frames:  
3M Frame,  
4M Frame,  
7M Frame,



Available also in White and Beige colors.

### Cover Plate Color Alternatives



MW BL DG AN DR

Electronic Products

Hotel DND/MUR Switch

Mechanism+Rocker 2M  
WVTT2014-9

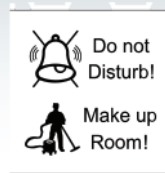


16AX, 250V~  
Screw Terminal



Do not Disturb/Make-up Room Indicator

Mechanism+Cover Plate 2M  
WVTT2705-9NC

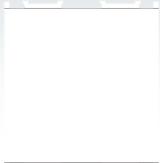


230V~, 2,5W Power Consumption

Direction Indicators

Orientation Lamp - White

Mechanism+Cover Plate 2M  
WVTT2724-9WH



230V~, 5W Power Consumption

Orientation Lamp - Red

Mechanism+Cover Plate 2M  
WVTT2724-9RD



230V~, 5W Power Consumption

Orientation Lamp - Green

Mechanism+Cover Plate 2M  
WVTT2724-9GR



230V~, 5W Power Consumption

Orientation Lamp - Blue

Mechanism+Cover Plate 2M  
WVTT2724-9BU



230V~, 5W Power Consumption

Direction Indicator - Arrow

Mechanism+Cover Plate 2M  
WVTC0707-9NC



230V~, 5W Power Consumption

Direction Indicator - Warning

Mechanism+Cover Plate 2M  
WVTC0709-9NC



230V~, 5W Power Consumption

Direction Indicator - Exit

Mechanism+Cover Plate 2M  
WVTC0710-9NC



230V~, 5W Power Consumption

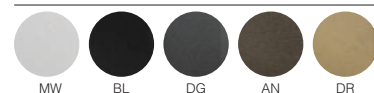
Direction Indicator - Male/Female

Mech. + Cover Plate 2M Mech. + Cover Plate 2M  
WVTC0718-9NC (M) WVTC0719-9NC (F)



230V~, 5W Power Consumption

Cover Plate Color Alternatives



## Mechanism/Rocker/Frame Alternatives

Mechanism    Cover Plate/Rocker    Frame    Complete




**ultima**



WVTF2843-5






**sistema**



WVTF1843-5







**optima**



WVTF0843-1



## Cover Plate/Rocker Color Alternatives



white WH	beige BG	metallic white MW	black BL	dark gray DG	hard coal AN	dore DR	night black SG	sea shell SD	sandstone SS	ocean SO	turquoise ST

NEW

Frame Color Alternatives

Metallic



inox **MI**

chrome **MC**

gold **MG**

Glass



white **GW**

light green **GG**

claret red **GC**

black **GB**

dore **GD**

Eloxal



silver **AS**

bronze **AR**

black **AB**

Wooden

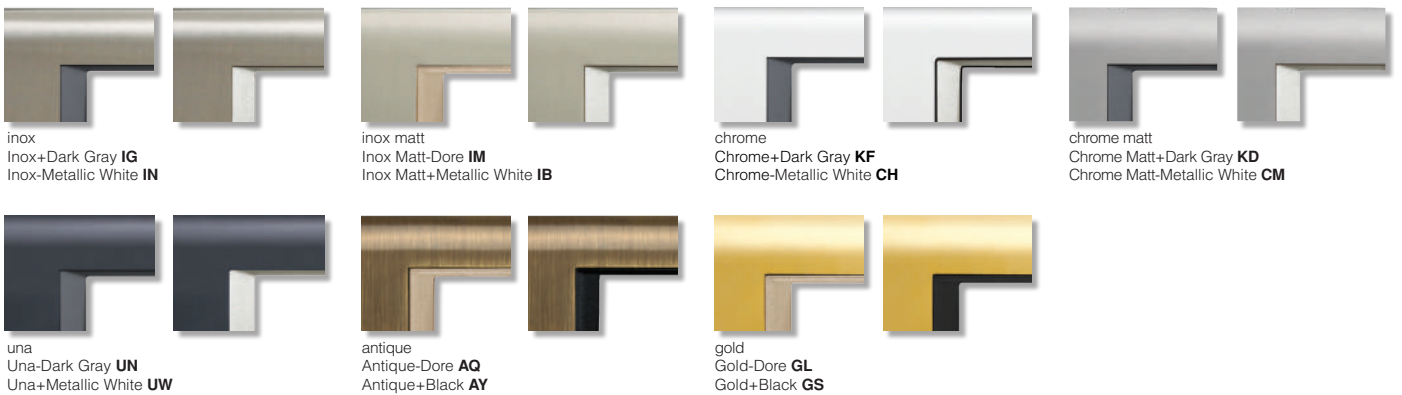


bamboo **WB**

wenge **WV**

walnut **WW**

Metallic



inox  
Inox+Dark Gray **IG**  
Inox-Metallic White **IN**

inox matt  
Inox Matt-Dore **IM**  
Inox Matt+Metallic White **IB**

chrome  
Chrome+Dark Gray **KF**  
Chrome-Metallic White **CH**

chrome matt  
Chrome Matt+Dark Gray **KD**  
Chrome Matt-Metallic White **CM**

una  
Una-Dark Gray **UN**  
Una+Metallic White **UW**

antique  
Antique-Dore **AQ**  
Antique+Black **AY**

gold  
Gold-Dore **GL**  
Gold+Black **GS**

Opaque



white  
**WH**

beige  
**BG**

Metallic



white  
**MW**

black  
**BL**

dark gray  
**DG**

hard coal  
**AN**

dore  
**DR**

## Ultima Frames

### Frames

**2M Frame**  
WVTF2840-5 □□



**3M Frame - 1 Module**  
WVTF2841-5 □□



**3M Frame**  
WVTF2843-5 □□



**3M Frame - 2 Modules**  
WVTF2842-5 □□



**4M Frame**  
WVTF2844-5 □□



**7M Frame**  
WVTF2847-5 □□



**2x2M Frame**  
WVTF2848-5 □□



**3x2M Frame**  
WVTF2849-5 □□



**4x2M Frame**  
WVTF2850-5 □□



\*Please be aware while choosing suitable frames for e.saver modules.

**Frame Codes**

Frame Colors	2M Frame	3M Frame	4M Frame	7M Frame
Wooden - American Walnut	WVTF2840-5WW	WVTF2843-5WW	WVTF2844-5WW	WVTF2847-5WW
Wooden - Bamboo	WVTF2840-5WB	WVTF2843-5WB	WVTF2844-5WB	WVTF2847-5WB
Wooden - Wenge	WVTF2840-5WV	WVTF2843-5WV	WVTF2844-5WV	WVTF2847-5WV
Eloxal - Bronze	WVTF2840-5AR	WVTF2843-5AR	WVTF2844-5AR	WVTF2847-5AR
Eloxal - Silver	WVTF2840-5AS	WVTF2843-5AS	WVTF2844-5AS	WVTF2847-5AS
Eloxal - Black	WVTF2840-5AB	WVTF2843-5AB	WVTF2844-5AB	WVTF2847-5AB
Glass - White	WVTF2840-5GW	WVTF2843-5GW	WVTF2844-5GW	WVTF2847-5GW
Glass - Claret Red	WVTF2840-5GC	WVTF2843-5GC	WVTF2844-5GC	WVTF2847-5GC
Glass - Black	WVTF2840-5GB	WVTF2843-5GB	WVTF2844-5GB	WVTF2847-5GB
Glass - Light Green	WVTF2840-5GG	WVTF2843-5GG	WVTF2844-5GG	WVTF2847-5GG
Glass - Dore	WVTF2840-5GD	WVTF2843-5GD	WVTF2844-5GD	WVTF2847-5GD
Metallic Chrome	WVTF2840-5MC	WVTF2843-5MC	WVTF2844-5MC	WVTF2847-5MC
Metallic Gold	WVTF2840-5MG	WVTF2843-5MG	WVTF2844-5MG	WVTF2847-5MG
Metallic Inox	WVTF2840-5MI	WVTF2843-5MI	WVTF2844-5MI	WVTF2847-5MI

Frame Colors	2X2M Frame	3X2M Frame	4X2M Frame
Wooden - American Walnut	WVTF2848-5WW	WVTF2849-5WW	WVTF2850-5WW
Wooden - Bamboo	WVTF2848-5WB	WVTF2849-5WB	WVTF2850-5WB
Wooden - Wenge	WVTF2848-5WV	WVTF2849-5WV	WVTF2850-5WV
Eloxal - Bronze	WVTF2848-5AR	WVTF2849-5AR	WVTF2850-5AR
Eloxal - Silver	WVTF2848-5AS	WVTF2849-5AS	WVTF2850-5AS
Eloxal - Black	WVTF2848-5AB	WVTF2849-5AB	WVTF2850-5AB
Glass - White	WVTF2848-5GW	WVTF2849-5GW	WVTF2850-5GW
Glass - Claret Red	WVTF2848-5GC	WVTF2849-5GC	WVTF2850-5GC
Glass - Black	WVTF2848-5GB	WVTF2849-5GB	WVTF2850-5GB
Glass - Light Green	WVTF2848-5GG	WVTF2849-5GG	WVTF2850-5GG
Glass - Dore	WVTF2848-5GD	WVTF2849-5GD	WVTF2850-5GD
Metallic Chrome	WVTF2848-5MC	WVTF2849-5MC	WVTF2850-5MC
Metallic Gold	WVTF2848-5MG	WVTF2849-5MG	WVTF2850-5MG
Metallic Inox	WVTF2848-5MI	WVTF2849-5MI	WVTF2850-5MI

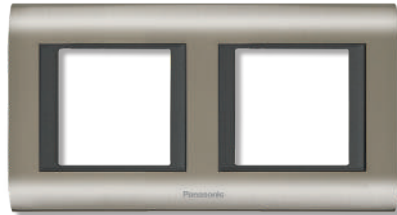
## Sistema Frames

### Frames

**2M Frame**  
WVTF1840-5



**2x2M Frame**  
WVTF1848-5



**3M Frame**  
WVTF1843-5



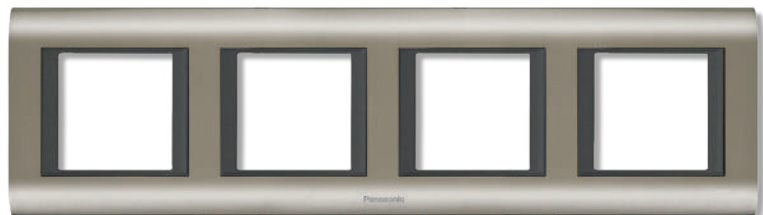
**3x2M Frame**  
WVTF1849-5



**4M Frame**  
WVTF1844-5



**4x2M Frame**  
WVTF1850-5



**7M Frame**  
WVTF1847-5



\*Please be aware while choosing suitable frames for e.saver modules.



**Frame Codes**

Frame Colors	2M Frame	3M Frame	4M Frame	7M Frame
Antique - Dore	WVTF1840-5AQ	WVTF1843-5AQ	WVTF1844-5AQ	WVTF1847-5AQ
Antique - Black	WVTF1840-5AY	WVTF1843-5AY	WVTF1844-5AY	WVTF1847-5AY
Chrome - Dark Gray	WVTF1840-5KF	WVTF1843-5KF	WVTF1844-5KF	WVTF1847-5KF
Chrome - Metallic White	WVTF1840-5CH	WVTF1843-5CH	WVTF1844-5CH	WVTF1847-5CH
Chrome Matt - Dark Gray	WVTF1840-5KD	WVTF1843-5KD	WVTF1844-5KD	WVTF1847-5KD
Chrome Matt - Metallic White	WVTF1840-5CM	WVTF1843-5CM	WVTF1844-5CM	WVTF1847-5CM
Gold - Dore	WVTF1840-5GL	WVTF1843-5GL	WVTF1844-5GL	WVTF1847-5GL
Gold - Black	WVTF1840-5GS	WVTF1843-5GS	WVTF1844-5GS	WVTF1847-5GS
Inox - Dark Gray	WVTF1840-5IG	WVTF1843-5IG	WVTF1844-5IG	WVTF1847-5IG
Inox - Metallic White	WVTF1840-5IN	WVTF1843-5IN	WVTF1844-5IN	WVTF1847-5IN
Inox Matt - Dore	WVTF1840-5IM	WVTF1843-5IM	WVTF1844-5IM	WVTF1847-5IM
Inox Matt - Metallic White	WVTF1840-5IB	WVTF1843-5IB	WVTF1844-5IB	WVTF1847-5IB
Una - Dark Gray	WVTF1840-5UN	WVTF1843-5UN	WVTF1844-5UN	WVTF1847-5UN
Una - Metallic White	WVTF1840-5UW	WVTF1843-5UW	WVTF1844-5UW	WVTF1847-5UW

Frame Colors	2X2M Frame	3X2M Frame	4X2M Frame
Antique - Dore	WVTF1848-5AQ	WVTF1849-5AQ	WVTF1850-5AQ
Antique - Black	WVTF1848-5AY	WVTF1849-5AY	WVTF1850-5AY
Chrome - Dark Gray	WVTF1848-5KF	WVTF1849-5KF	WVTF1850-5KF
Chrome - Metallic White	WVTF1848-5CH	WVTF1849-5CH	WVTF1850-5CH
Chrome Matt - Dark Gray	WVTF1848-5KD	WVTF1849-5KD	WVTF1850-5KD
Chrome Matt - Metallic White	WVTF1848-5CM	WVTF1849-5CM	WVTF1850-5CM
Gold - Dore	WVTF1848-5GL	WVTF1849-5GL	WVTF1850-5GL
Gold - Black	WVTF1848-5GS	WVTF1849-5GS	WVTF1850-5GS
Inox - Dark Gray	WVTF1848-5IG	WVTF1849-5IG	WVTF1850-5IG
Inox - Metallic White	WVTF1848-5IN	WVTF1849-5IN	WVTF1850-5IN
Inox Matt - Dore	WVTF1848-5IM	WVTF1849-5IM	WVTF1850-5IM
Inox Matt - Metallic White	WVTF1848-5IB	WVTF1849-5IB	WVTF1850-5IB
Una - Dark Gray	WVTF1848-5UN	WVTF1849-5UN	WVTF1850-5UN
Una - Metallic White	WVTF1848-5UW	WVTF1849-5UW	WVTF1850-5UW

## Optima Frames

### Frames

**2M Frame**  
WVTF0840-1



**3M Frame - 1 Module**  
WVTF0841-1



**IP55 Frame 3M**  
WVTF0860-1 WH/BG



**3M Frame**  
WVTF0843-1



**3M Frame - 2 Modules**  
WVTF0842-1



**IP55 Frame 4M**  
WVTF0861-1 WH/BG



**4M Frame**  
WVTF0844-1



**7M Frame**  
WVTF0847-1



**2x2M Frame**  
WVTF0848-1



**3x2M Frame**  
WVTF0849-1



**4x2M Frame**  
WVTF0850-1



\*Please be aware while choosing suitable frames for e.saver modules.

**Frame Codes**

Frame Colors	2M Frame	3M Frame	1/3M Frame	2/3M Frame
Hard Coal	WVTF0840-1AN	WVTF0843-1AN	WVTF0841-1AN	WVTF0842-1AN
Dore	WVTF0840-1DR	WVTF0843-1DR	WVTF0841-1DR	WVTF0842-1DR
Dark Gray	WVTF0840-1DG	WVTF0843-1DG	WVTF0841-1DG	WVTF0842-1DG
Beige	WVTF0840-1BG	WVTF0843-1BG	WVTF0841-1BG	WVTF0842-1BG
Metallic White	WVTF0840-1MW	WVTF0843-1MW	WVTF0841-1MW	WVTF0842-1MW
Opaque White	WVTF0840-1WH	WVTF0843-1WH	WVTF0841-1WH	WVTF0842-1WH
Black	WVTF0840-1BL	WVTF0843-1BL	WVTF0841-1BL	WVTF0842-1BL

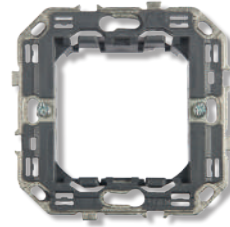
Frame Colors	4M Frame	7M Frame	2X2M Frame	3X2M Frame
Hard Coal	WVTF0844-1AN	WVTF0847-1AN	WVTF0848-1AN	WVTF0849-1AN
Dore	WVTF0844-1DR	WVTF0847-1DR	WVTF0848-1DR	WVTF0849-1DR
Dark Gray	WVTF0844-1DG	WVTF0847-1DG	WVTF0848-1DG	WVTF0849-1DG
Beige	WVTF0844-1BG	WVTF0847-1BG	WVTF0848-1BG	WVTF0849-1BG
Metallic White	WVTF0844-1MW	WVTF0847-1MW	WVTF0848-1MW	WVTF0849-1MW
Opaque White	WVTF0844-1WH	WVTF0847-1WH	WVTF0848-1WH	WVTF0849-1WH
Black	WVTF0844-1BL	WVTF0847-1BL	WVTF0848-1BL	WVTF0849-1BL

Frame Colors	4X2M Frame
Hard Coal	WVTF0850-1AN
Dore	WVTF0850-1DR
Dark Gray	WVTF0850-1DG
Beige	WVTF0850-1BG
Metallic White	WVTF0850-1MW
Opaque White	WVTF0850-1WH
Black	WVTF0850-1BL

## Mounting Frames



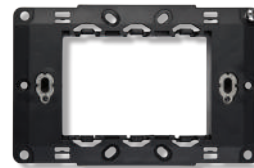
WVTC0730-4NC Mounting Frame 2M  
WVTC0731-4NC Mounting 2M-Hollow Wall



WVTC0732-4NC Mounting Frame 2M-Metal



WVTC0733-4NC Mounting Frame 2/3M  
WVTC0737-4NC Mounting Frame 2/3M With Claw



WVTC0734-4NC Mounting Frame 3M

## Wall Mount Boxes



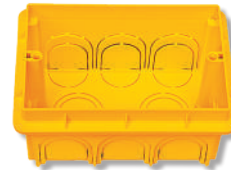
WVTC0784-4NC  
2M Wall Mount Box H.F. - Hollow Wall



WVTC0785-4NC  
3M Wall Mount Box H.F. - Hollow Wall



WVTC0780-4NC  
2M Wall Mount Box H.F.



WVTC0781-4NC  
3M Wall Mount Box H.F.



WVTC0735-4NC Mounting Frame 4M



WVTC0736-4NC Mounting Frame 7M



WVTC0786-4NC  
4M Wall Mount Box H.F. - Hollow Wall



WVTC0787-4NC  
7M Wall Mount Box H.F. - Hollow Wall

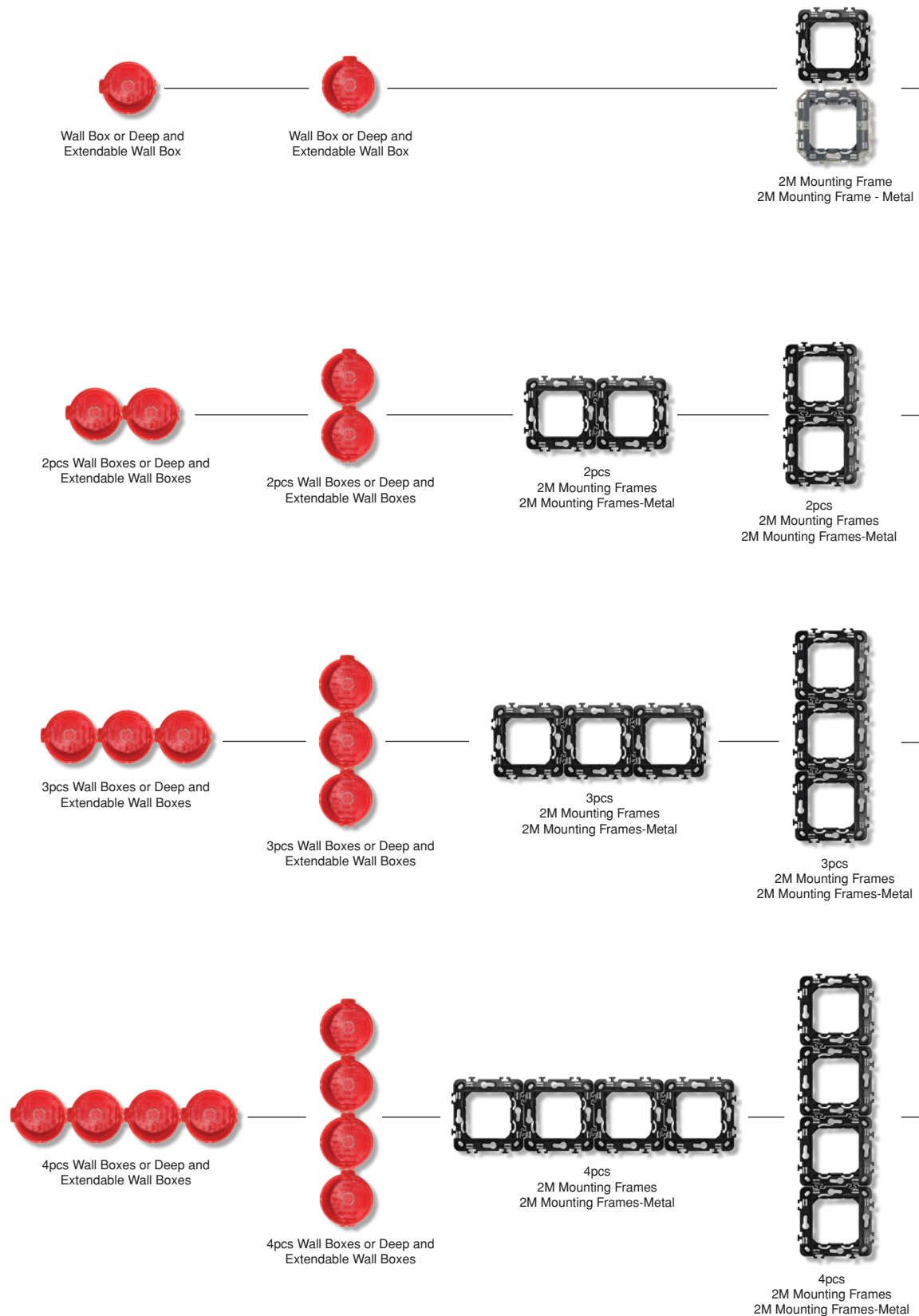


WVTC0782-4NC  
4M Wall Mount Box H.F.



WVTC0783-4NC  
7M Wall Mount Box H.F.

## Assembling for Wall Box



## Order Codes and Product Name

<b>WVTC0730-4NC</b>	Mounting Frame 2M	<b>WVTC0737-4NC</b>	Mounting Frame 2/3M with Claw
<b>WVTC0731-4NC</b>	Mounting Frame 2M- Hollow wall	<b>WVTC0734-4NC</b>	Mounting Frame 3M
<b>WVTC0732-4NC</b>	Mounting Frame 2M-Metal	<b>WVTC0735-4NC</b>	Mounting Frame 4M
<b>WVTC0733-4NC</b>	Mounting Frame 2/3M	<b>WVTC0736-4NC</b>	Mounting Frame 7M



2X1M Switch



2M Frame



2M



4X1M Switch



2X2M Frame(2-Gang Frame)



2X2M Horizontal Frame



4X1M Switch



2X2M Frame  
(2-Gang Frame)



2X2M Vertical Frame  
(2-Gang Frame)



6X1M Switch



3X2M Frame (3-Gang Frame)



3X2M Horizontal Frame



6X1M Switch



3X2M Frame  
(3-Gang Frame)



3X2M Vertical Frame  
(3-Gang Frame)



8X1M Switch



4X2M Frame(4-Gang Frame)



4X2M Horizontal Frame



8X1M Switch



4X2M Frame  
(4-Gang Frame)



4X2M Vertical Frame  
(4-Gang Frame)

## Assembling for Hollow Wall Mounting Box



2M Wall Mount Box H.F. - Hollow Wall



2M Mounting Frame  
2M Mounting Frame-Metal  
2M Mounting Frame-Hollow wall



3M Wall Mount Box H.F. - Hollow Wall



2/3M Mounting Frame



3M Wall Mount Box H.F. - Hollow Wall



3M Mounting Frame



4M Wall Mount Box H.F. - Hollow Wall



4M Mounting Frame



7M Wall Mount Box H.F. - Hollow Wall



7M Mounting Frame

## Order Codes and Product Name

<b>WVTC0784-4NC</b>	2M Wall Mount Box H.F.- Hollow Wall
<b>WVTC0785-4NC</b>	3M Wall Mount Box H.F.- Hollow Wall
<b>WVTC0786-4NC</b>	4M Wall Mount Box H.F.- Hollow Wall
<b>WVTC0787-4NC</b>	7M Wall Mount Box H.F.- Hollow Wall





2X1M Switch



2M Frame



2M



2X1M Switch



2/3M Frame



2/3M



1M Switch



1/3M Frame



1/3M



3X1M Switch



3M Frame



3M



4X1M Switch



4M Frame



4M



7X1M Switch



7M Frame



7M

## Assembling for Modular Box



2M Wall Mount Box H.F.



2M Mounting Frame  
2M Mounting Frame-Metal  
2M Mounting Frame-Hollow wall



3M Wall Mount Box H.F.



2/3M Mounting Frame



3M Wall Mount Box H.F.



3M Mounting Frame



4M Wall Mount Box H.F.



4M Mounting Frame



7M Wall Mount Box H.F.



7M Mounting Frame

## Order Codes and Product Name

<b>WVTC0780-4NC</b>	2M Wall Mount Box H.F.
<b>WVTC0781-4NC</b>	3M Wall Mount Box H.F.
<b>WVTC0782-4NC</b>	4M Wall Mount Box H.F.
<b>WVTC0783-4NC</b>	7M Wall Mount Box H.F.



2X1M Switch



2M Frame



2M



2X1M Switch



2/3M Frame



2/3M



1M Switch



1/3M Frame



1/3M



3X1M Switch



3M Frame



3M



4X1M Switch



4M Frame



4M



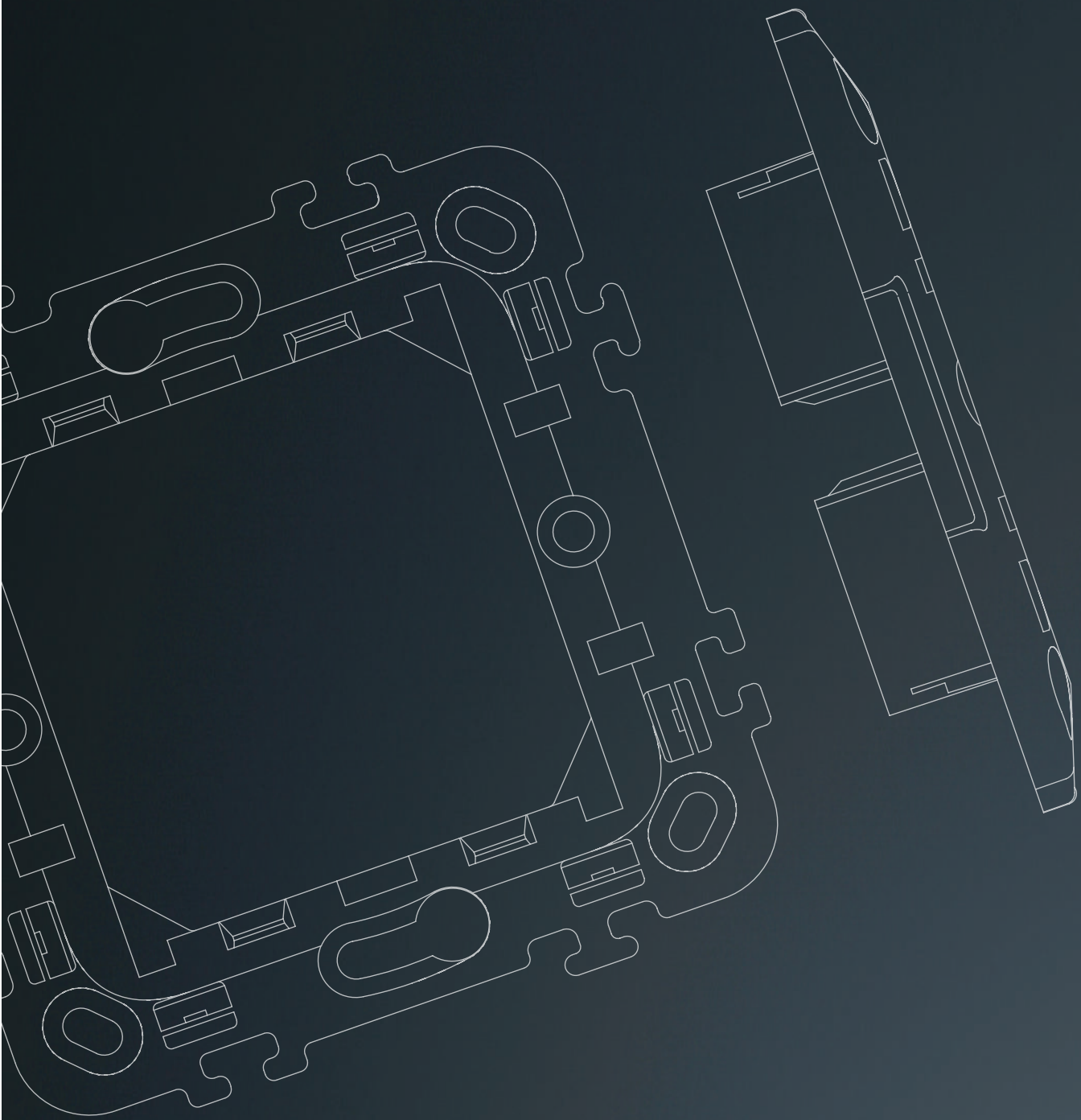
7X1M Switch



7M Frame




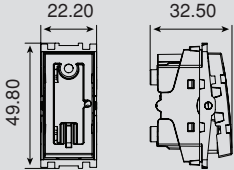
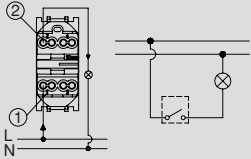

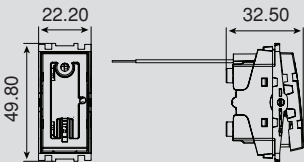
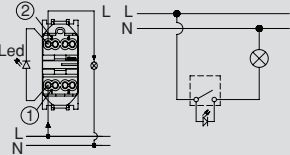

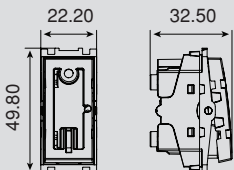
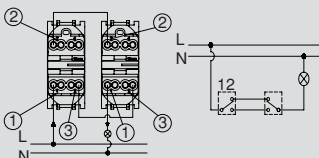

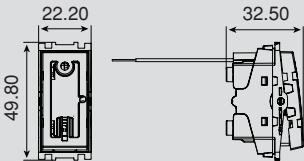
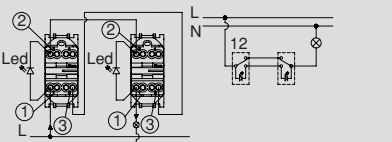

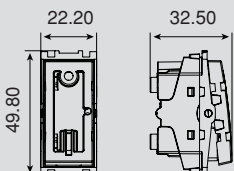
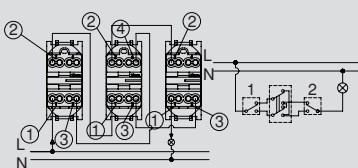

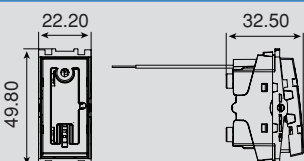
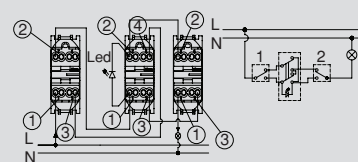

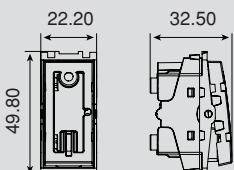
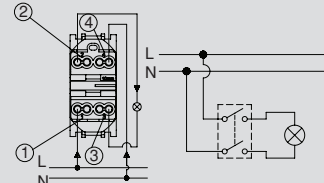
7M



## Technical specifications

- 62 - 71 Technical Specifications and Circuit Diagrams
  - 72 Ultima Frame Dimensions
  - 73 Sistema Frame Dimensions
  - 74 Optima Frame Dimensions
  - 75 Wall Box Dimensions
  - 76 Mounting Frame Dimensions

## Technical Drawings and Circuit Diagrams

	<b>Technical Specifications</b>	<b>Switch</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>Controls a lamp or a lamp group from a point.</li> <li>16AX, 250V~</li> <li>One-way</li> <li>Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>One-Way Switch, Illuminated</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>Controls a lamp or a lamp group from a point.</li> <li>16AX, 250V~</li> <li>One-way</li> <li>Illuminated indicator</li> <li>Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Two-Way Switch</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>Controls a lamp or a lamp group from two different points.</li> <li>16AX, 250V~</li> <li>Two-way</li> <li>Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Two-Way Switch, Illuminated</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>Controls a lamp or a lamp group from two different points.</li> <li>16AX, 250V~</li> <li>Two-way</li> <li>Illuminated indicator</li> <li>Screw connection</li> </ul>		 <p data-bbox="1260 1335 1509 1401">In case the load to be controlled by the product is a load generating in-rush like LED lamp and CFL lamp, please read the warnings part.</p>
	<b>Technical Specifications</b>	<b>Intermediate Switch</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>Controls a lamp or a lamp group from more than two points.</li> <li>16AX, 250V~</li> <li>Two-way</li> <li>Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Intermediate Switch, Illuminated</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>Controls a lamp or lamp group from more than two points.</li> <li>16AX, 250V~</li> <li>Two-way</li> <li>Illuminated indicator</li> <li>Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Two-Pole Switch</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>Two poles enable simultaneous disconnection of switches, phase and neutral.</li> <li>16AX, 250V~</li> <li>Double pole, one-way</li> <li>Screw connection</li> </ul>		

## Technical Drawings and Circuit Diagrams

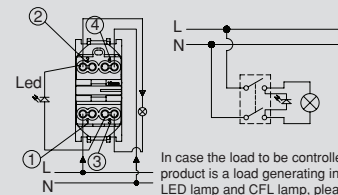
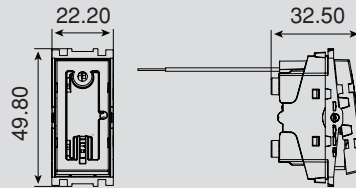


### Technical Specifications

### Two-Pole Switch, Illuminated

### Circuit Diagram

- Two poles enable simultaneous disconnection of switches, phase and neutral.
- 16AX, 250V~
- Double pole, single way
- Illuminated indicator
- Screw connection



In case the load to be controlled by the product is a load generating in-rush like LED lamp and CFL lamp, please read the warnings part.

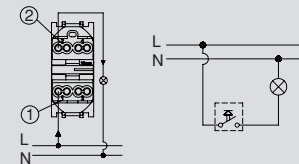
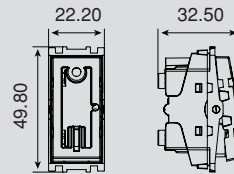


### Technical Specifications

### One-Way Push Button

### Circuit Diagram

- Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.
- 16A, 250V~
- One-way
- Push button, instant trigger
- Screw connection

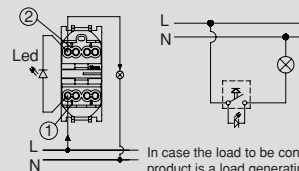
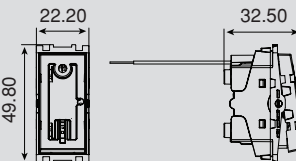


### Technical Specifications

### One-Way Push Button, Illuminated

### Circuit Diagram

- Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.
- 16A, 250V~
- One-way
- Push button, instant trigger
- Illuminated indicator
- Screw connection



In case the load to be controlled by the product is a load generating in-rush like LED lamp and CFL lamp, please read the warnings part.

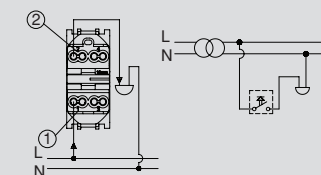
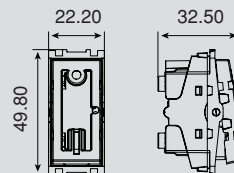


### Technical Specifications

### Push Button with Key Symbol

### Circuit Diagram

- Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.
- 16A, 250V~
- One-way
- Push button, instant trigger
- Screw connection

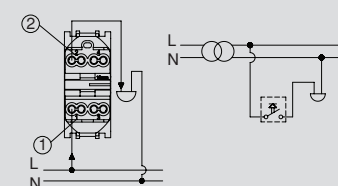
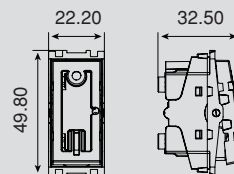


### Technical Specifications

### Push Button with Bell Symbol

### Circuit Diagram

- Controls the door bell.
- 16A, 250V~
- One-way
- Push button, instant trigger
- Screw connection

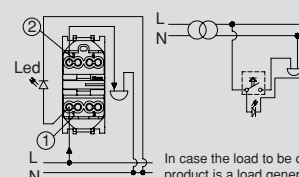
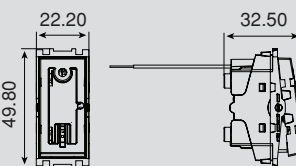


### Technical Specifications

### Push Button with Bell Symbol, Illuminated

### Circuit Diagram

- Controls the door bell.
- 16A, 250V~
- Push button, instant trigger
- Illuminated indicator
- Screw connection



In case the load to be controlled by the product is a load generating in-rush like LED lamp and CFL lamp, please read the warnings part.

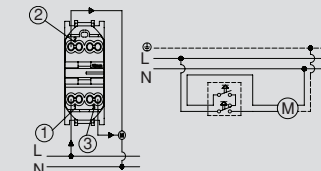
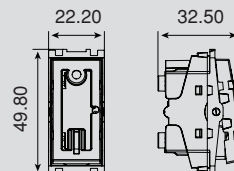


### Technical Specifications

### Shutter Control Switch

### Circuit Diagram

- Controls up and down movement of shutters, by controlling shutter motors via single button
- 10AX, 250V~
- Two way, three positions
- Screw connection



## Technical Drawings and Circuit Diagrams

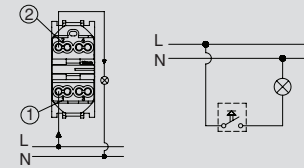
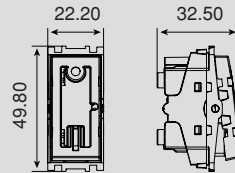


### Technical Specifications

### Emergency Push Button with Cord

### Circuit Diagram

- Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.
- 16AX, 250V~
- One-way
- Push button, instant trigger
- Screw connection

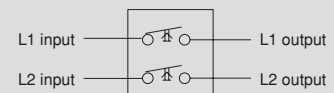
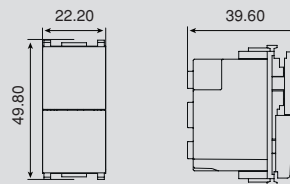


### Technical Specifications

### Double One-way Push Button

### Circuit Diagram

- Generates two different control signals for external trigger circuits such as motion detectors or automated systems.
- Two independent phase inputs allow connection of multiple different phases.
- 10AX, 250V~
- Double pole, single way
- Screw connection

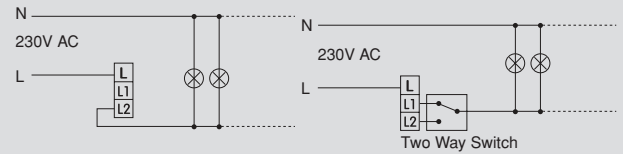
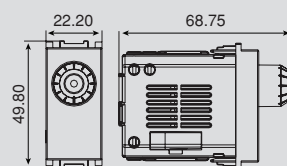


### Technical Specifications

### Pro Dimmer R 300W 1M

### Circuit Diagram

- R type dimmer
- 300W maximum output power (R type load)
- 20W minimum output power
- Feature to use as two-way
- Feature to switch on/off at the set level of dimming

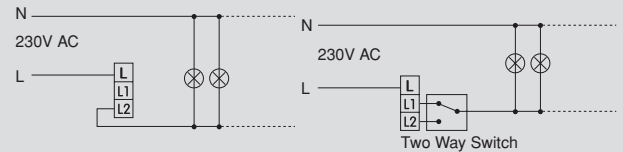
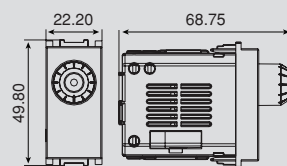


### Technical Specifications

### Pro Dimmer R 6-100W/VA

### Circuit Diagram

- R type dimmer
- 100W maximum output power (R type load)
- 6W minimum output power
- Feature to use as two-way
- Feature to switch on/off at the set level of dimming

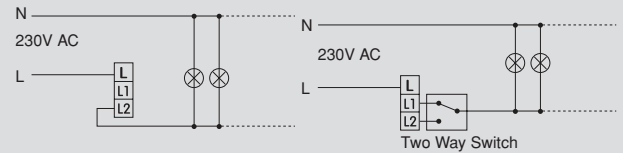
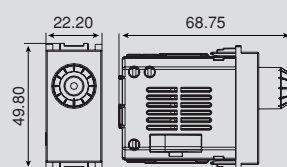


### Technical Specifications

### Pro Dimmer RC 20-300W/VA

### Circuit Diagram

- RC type dimmer
- 300W maximum output power (R type load) 300VA maximum output power 300VA (C type load)
- 20W minimum output power
- Feature to use as two-way
- Feature to switch on/off at the set level of dimming

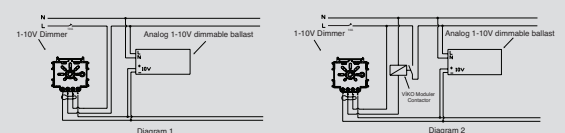
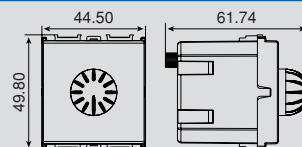


### Technical Specifications

### Rotary Dimmer 1-10V

### Circuit Diagram

- Operating temperature +5°C...+35°C
- 0.8V...11V control voltage
- Control current 50mA
- Switching current 5AX
- Fuse 500mA

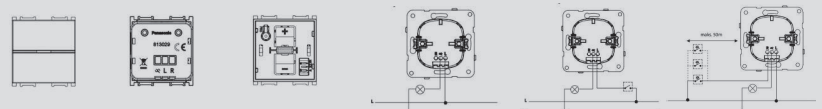


### Technical Specifications

### Universal Dimmer


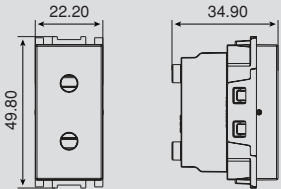
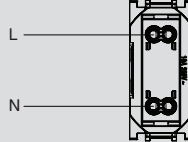

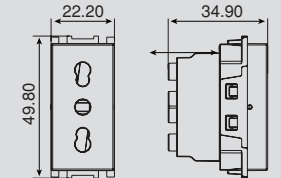
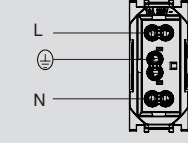

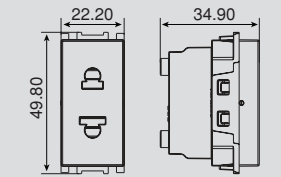
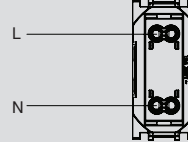

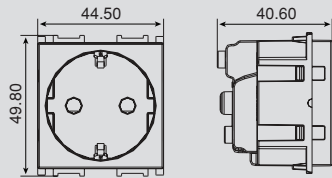
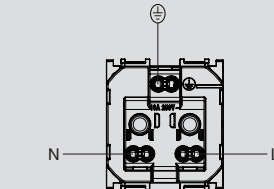

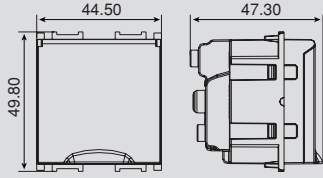
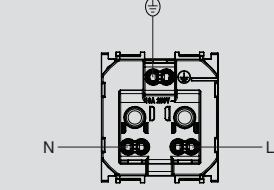

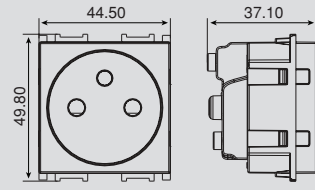
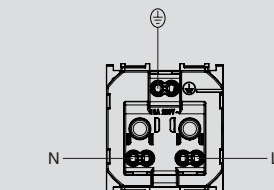

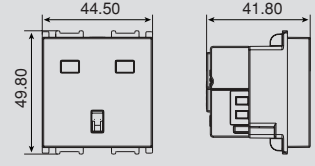
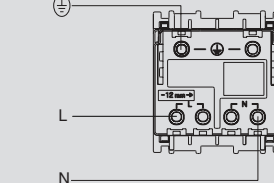
### Circuit Diagram

- Operating Voltage 230 Vac +/- %10, 50Hz
- Switching Type Either Leading or Trailing Edge selected by
- Operating temperature 0°C...+35°C
- Load Types - Incandescent Lamps - HV Halogen Lamps - LV Halogen Lamps with Electronic Transformer - LV Halogen Lamps with Ferromagnetic Transformer - Dimmable LED & Dimmable CFL
- Protections Short circuit & Overload
- Compliant Standarts EN 60669-2-1, EN 60669-1
- Control Type Push Button





## Technical Drawings and Circuit Diagrams

	<b>Technical Specifications</b>	<b>Socket 2P, Safety Shutter</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>• 16A, 250V~</li> <li>• 2P</li> <li>• Safety Shutter</li> <li>• Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Italian Type Socket</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>• 13A-16A</li> <li>• 2P+E</li> <li>• Safety Shutter</li> <li>• Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Euro-American Socket</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>• 13A-16A</li> <li>• 2P</li> <li>• Safety Shutter option</li> <li>• Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Socket 2P+E, Safety Shutter</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>• 16A, 250V~</li> <li>• 2P+E</li> <li>• Safety Shutter</li> <li>• Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Socket 2P+E with Lid, Safety Shutter</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>• 16A, 250V~</li> <li>• 2P+E</li> <li>• Safety Shutter</li> <li>• Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Socket 2P+E French Type, Safety Shutter</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>• 16A, 250V~</li> <li>• 2P+E</li> <li>• Safety Shutter</li> <li>• Screw connection</li> </ul>		
	<b>Technical Specifications</b>	<b>Socket 2P+E British Type, Safety Shutter</b>	<b>Circuit Diagram</b>
	<ul style="list-style-type: none"> <li>• 6A-10A-13A</li> <li>• 2P+E</li> <li>• Safety Shutter</li> <li>• Quick connection</li> </ul>		

## Technical Drawings and Circuit Diagrams

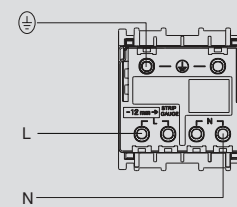
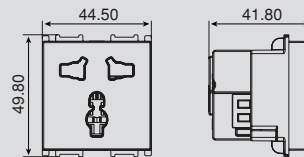


### Technical Specifications

### Combi Socket

### Circuit Diagram

- 6A-10A-13A
- 2P+E
- Safety Shutter
- Quick connection

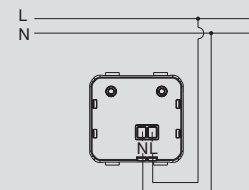
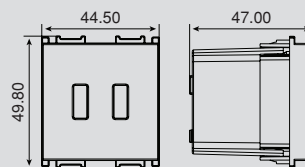


### Technical Specifications

### USB Charger Socket

### Circuit Diagram

- 2A, 250V~
- 5VDC output voltage
- Operating temperature +10°C...+55°C
- Safety Shutter
- Screw connection

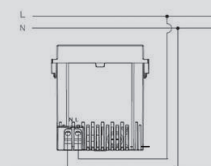
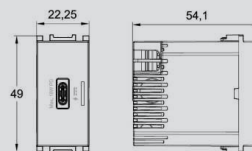


### Technical Specifications

### C Type Socket

### Circuit Diagram

- 230VAC +/- 10% 50Hz
- 5VDC 3A / 9VDC 2A
- -10°C...+40°C
- Screw connection
- Over Voltage Protection
- Over Current Protection
- Over Temperature protection
- Short Current Protection

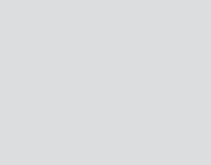
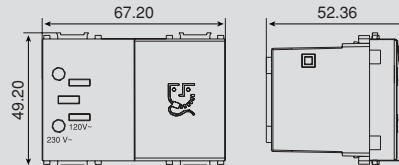


### Technical Specifications

### Shaver Socket

### Circuit Diagram

- 230V~, 50/60Hz
- 230V~/ 120V~ output voltage
- 20VA maximum load
- IP21 protection class

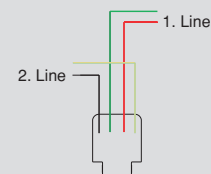
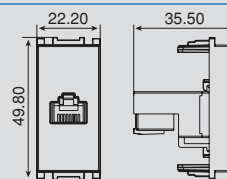


### Technical Specifications

### Phone Socket (RJ11)

### Circuit Diagram

- Connector structure complying with RJ11 standard has four contacts.
- Two telephone lines can be connected.
- Green and red wires are used for the 1st line, and yellow and black wires for the 2nd line.

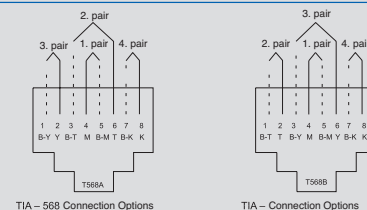
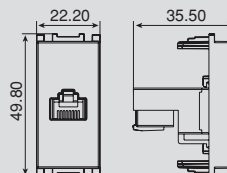


### Technical Specifications

### Data Socket (RJ45)

### Circuit Diagram

- RJ45 connector complying with standards EIA/TIA 568 A and B
- Pins on it have been marked according to both 568 A and 568 B standards.

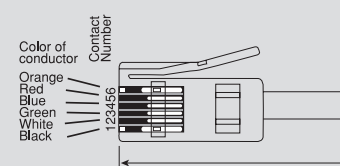
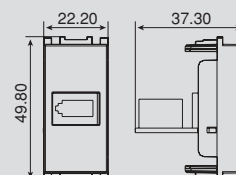


### Technical Specifications

### British Type Phone Socket

### Circuit Diagram

- Pins on it have been marked according to both 431A and 631A standards.



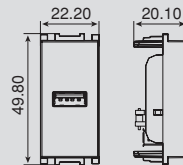
## Technical Drawings and Circuit Diagrams



### Technical Specifications

### USB Connector

### Circuit Diagram



### Technical Specifications

### TV Socket

### Circuit Diagram

- Shielded. Shielded, does not get affected by airborne radio signals.
- Screw type mounting.

#### TV Socket, Through-pass

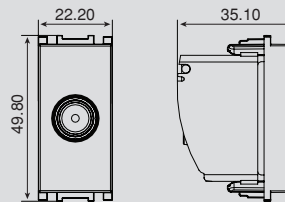
- Used for broadcast distribution to multiple TV receivers where broadcast is received from UHF/VHF bands to the center via an antenna system and then distributed via inter-socket or inter-floor -in multi-storey buildings- transition.

#### TV Socket, Terminated

- Used in star-connected systems for Internet, cable TV or central satellite broadcasts. May also be used at the end of the shared antenna systems.

#### TV Socket, Lossless

- Used with independent Internet, cable TV or satellite broadcasting systems, and independent antennas.
- The sockets to be mounted after the amplifier must be 12 dB and 8 dB through-pass, terminated and lossless options to be compatible with 60-85 dBuV TV signal levels.



TV Socket (Through-pass)				
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz
IN-OUT (DB)	3,5	3,5	3,5	3,5

TV Socket (Terminated)				
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz
IN-OUT (DB)	1,6	1,7	1,8	2,0
IN-TAP (DB)	15	15	15	15,5

TV Socket (Lossless)				
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz
IN-TAP (DB)	3,5 dB	3,5 dB	3,5 dB	3,5 dB
IN-OUT (DB)	3,5 dB	5 dB	5 dB	5 dB



### Technical Specifications

### Satellite Socket with F Connector

### Circuit Diagram

- Used for receiving broadcast from the cable TV and UHF/VHF bands, and satellite.

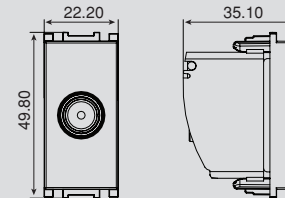
#### Satellite Socket with F Connector, Through-pass

- Used for broadcast distribution to multiple TV receivers where broadcast is received from UHF/VHF bands to the center via an antenna system and then distributed via inter-socket or inter-floor -in multi-storey buildings- transition.

#### Satellite Socket with F Connector, Terminated

- Used in star-connected systems for Internet, cable TV or central satellite broadcasts. May also be used at the end of the shared antenna systems.

- The sockets to be mounted after the amplifier must be (10dB) transitive and terminated options to be compatible with 60-85 dBuV TV signal levels.



TV - SAT (Through-pass)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1,2 GHz	1,6 GHz	2,0 GHz	2,25 GHz	2,4 GHz
SAT IN-OUT (DB)	≤ 11,5	≤ 11,5	≤ 11,5	≤ 12	≤ 12,5	≤ 14	≤ 14	≤ 14	≤ 14,5
TV IN-OUT (DB)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5					

SAT (Terminated)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1,2 GHz	1,6 GHz	2,0 GHz	2,25 GHz	2,4 GHz
SAT IN-OUT (DB)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5



### Technical Specifications

### TV-SAT Socket

### Circuit Diagram

- Shielded. Shielded, does not get affected by airborne radio signals.

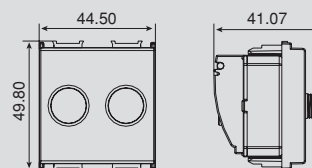
- Used for receiving broadcast from the Internet, interactive applications, cable TV, and UHF/VHF bands.

#### TV-SAT Socket, Through-pass

- Used for broadcast distribution to multiple TV receivers where broadcast is received from UHF/VHF bands to the center via an antenna system and then distributed via inter-socket or inter-floor -in multi-storey buildings- transition.

#### TV-SAT Socket, Terminated

- Used in star-connected systems for Internet, cable TV or central satellite broadcasts. May also be used at the end of the shared antenna systems.
- The sockets to be mounted after the amplifier must be (8dB and 11dB) transitive and terminated options to be compatible with 60-85 dBuV TV signal levels.



TV - SAT (Through-pass)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1,2 GHz	1,6 GHz	2,0 GHz	2,25 GHz	2,4 GHz
SAT IN-OUT (DB)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5
TV IN-OUT (DB)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5					

TV - SAT (Terminated)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1,2 GHz	1,6 GHz	2,0 GHz	2,25 GHz	2,4 GHz
SAT IN-OUT (DB)	≤ 11,5	≤ 11,5	≤ 11,5	≤ 12	≤ 12,5	≤ 14	≤ 14	≤ 14	≤ 14,5
SAT IN-TAP (DB)	≤ 2,5	≤ 2,5	≤ 2,5	≤ 2,5	≤ 3	≤ 3,8	≤ 4,5	≤ 5	≤ 5,5
TV IN-OUT (DB)	≤ 1,6	≤ 1,7	≤ 1,8	≤ 2,0					
TV IN-TAP (DB)	≤ 15	≤ 15	≤ 15	≤ 15,5					

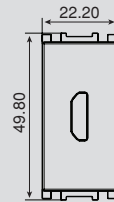
## Technical Drawings and Circuit Diagrams



Technical Specifications

Connector for HDMI Connection

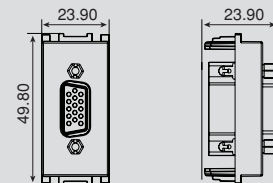
Circuit Diagram



Technical Specifications

VGA Connector

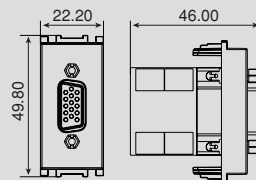
Circuit Diagram



Technical Specifications

VGA Connector (PCB)

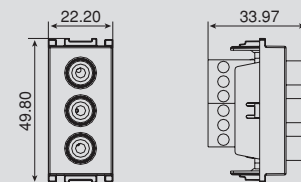
Circuit Diagram



Technical Specifications

RCA Connector

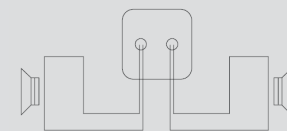
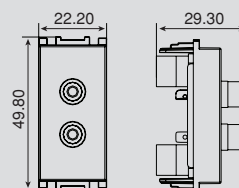
Circuit Diagram



Technical Specifications

Audio Socket

Circuit Diagram

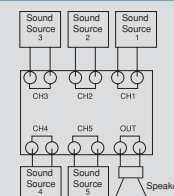
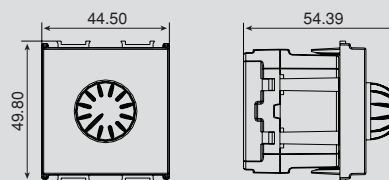


Technical Specifications

Audio Channel Selection Switch

Circuit Diagram

- 5 channel selection

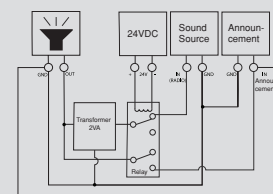
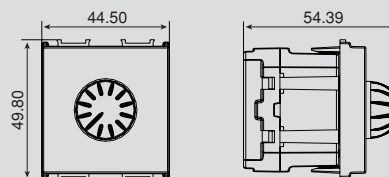


Technical Specifications

Volume Control Switch with Transformer

Circuit Diagram

- 11-grade sound adjustment
- 2VA transformer
- Suitable for systems with line transformer
- 4x100W speakers with line transformer
- Suitable for deep cases
- Built-in relay unit for 100V sound systems and emergency announcements.



## Technical Drawings and Circuit Diagrams

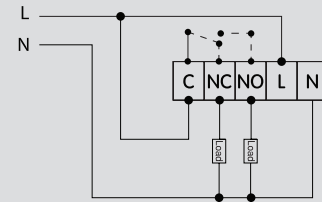
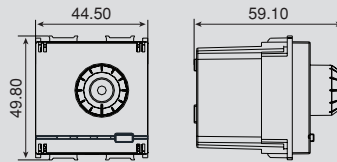


### Technical Specifications

### Analog Thermostat

### Circuit Diagram

- 230V~, 50/60Hz
- Maximum output current:  
\* Changeover/normaly open contact NO:  
6(2)A 230V AC
- \* Changeover/normaly closed contact NC:  
4(1)A 230V AC
- Temperature control range of  $\pm 1^{\circ}\text{C}$   
between  $+10^{\circ}\text{C} \dots +30^{\circ}\text{C}$
- Shortest switching time 1 minute
- Operating temperature  $-5^{\circ}\text{C} \dots +40^{\circ}\text{C}$
- Complies with standards EN 60730-1  
and EN 60730-2-9

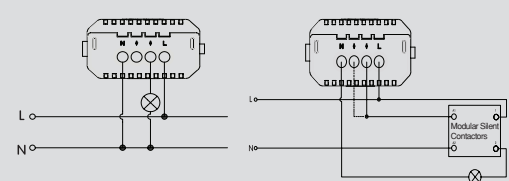
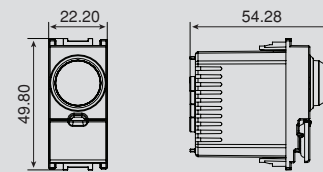


### Technical Specifications

### Motion Detector

### Circuit Diagram

- 230V~, 50/60Hz
- $120^{\circ}$  horizontal sensing angle
- Time setting from 10 seconds to 10 minutes
- Operating temperature  $0^{\circ}\text{C} \dots +38^{\circ}\text{C}$
- Assembly height between 1 m and 2 m
- Suitable for use with the loads at the  
1100W / 1100VA values.
- Daylight setting between 0 lux - 250 lux values
- Sensing Range: 10 m max.

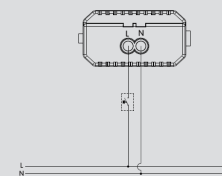
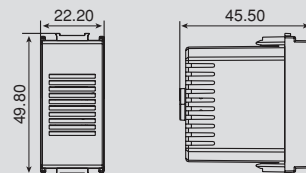


### Technical Specifications

### Buzzer (Ding-Dong)

### Circuit Diagram

- 230V~, 50/60Hz
- 85dB minimum sound volume

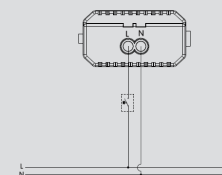
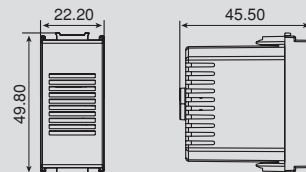


### Technical Specifications

### Buzzer

### Circuit Diagram

- 230V~, 50/60Hz
- 85dB minimum sound volume

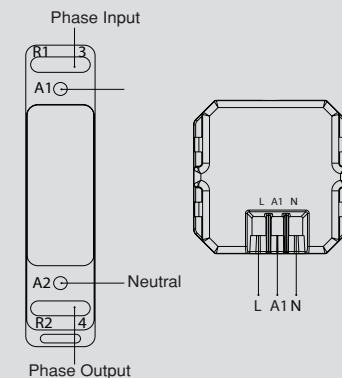
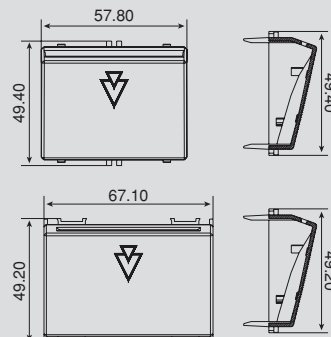


### Technical Specifications

### Energy Saver with Mechanical Switch

### Circuit Diagram

- When a proper card is inserted into Energy Saver reader slot, it sends energy to relay coils to activate the electricity in the room.
- When the card is removed from the slot, room electricity is cut within  $15 \pm 3$  seconds. When the card is inserted into its slot, pilot lighting LED goes off.
- 250V~ operating voltage
- 0.5A maximum switching current
- Minimum diameter of connection cable is  $0.50 \text{ mm}^2$ , maximum length is 25 m
- $15 \pm 3$  seconds shutting down delay
- Complies with standard EN60669-2-1
- Suitable for usage with all card types
- The product Energy Saver Mechanical Switch 220V~ can only be used with suitable contactors.



## Technical Drawings and Circuit Diagrams

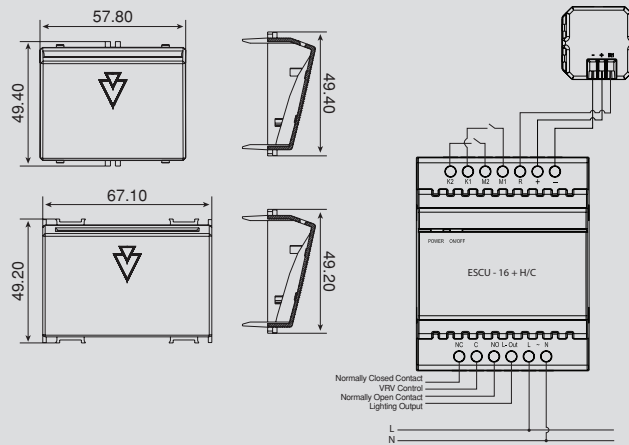


### Technical Specifications

### Energy Saver with Mechanical Switch

### Circuit Diagram

- When a proper card is inserted into Energy Saver reader slot, it sends signal to relay unit to activate the electricity in the room.
- When the card is removed from the slot, room electricity is cut within  $15 \pm 3$  seconds. Delay is made by relay unit. When the card is inserted into its slot, pilot lighting LED goes off (if LED is still on, it means that the card isn't sensed).
- 5V DC- operating voltage
- 16A maximum switching current
- Minimum diameter of connection cable is  $0,50 \text{ mm}^2$ , maximum length is 25 m
- $15 \pm 3$  seconds shutting down delay
- Complies with standard EN60669-2-1
- Suitable for usage with all card types
- The product Energy Saver Mechanical Switch 5V is suitable for usage with ESCU type relay.
- Connection cables between energy saver card reader and relay unit should be spanned within a different channel away from indoor 230V installation cables and cables with shielding feature should be used.

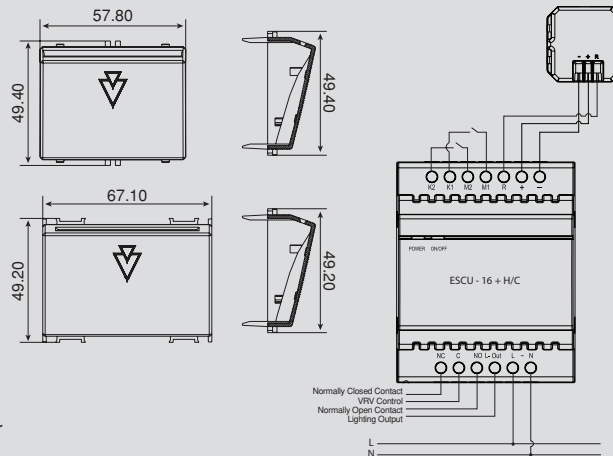


### Technical Specifications

### Energy Saver (13,56 MHz RF Single Protocol)

### Circuit Diagram

- When a proper card is inserted into Energy Saver reader slot, it sends signal to relay unit to activate the electricity in the room.
- When the card is removed from the slot, room electricity is cut within 15 seconds. Delay is made by relay unit. When the card is inserted into its slot, pilot lighting LED goes off (if LED is still on, it means that the card isn't sensed).
- 5V DC- operating voltage
- 16A maximum switching current
- Minimum diameter of connection cable is  $0,50 \text{ mm}^2$ , maximum length is 25 m
- $15 \pm 3$  seconds shutting down delay
- Complies with standard EN60669-2-1
- Suitable for usage with cards complying with standard ISO/IEC 14443A
- The product Energy Saver 13,56 MHz RFID is suitable for usage with ESCU type relay.
- Connection cables between Energy Saver card reader and relay unit should be spanned within a different channel away from indoor 230V installation cables and cables with shielding feature should be used.

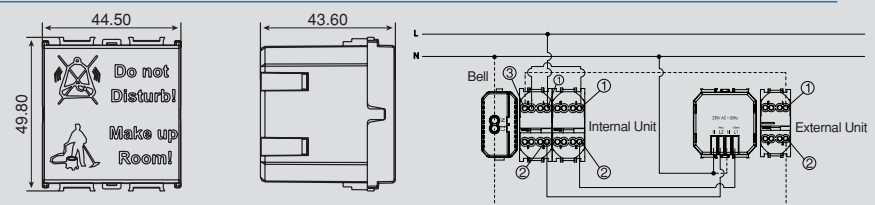


### Technical Specifications

### Do not Disturb/Make-up Room Indicator

### Circuit Diagram

- 230V~
- 2,5W power consumption

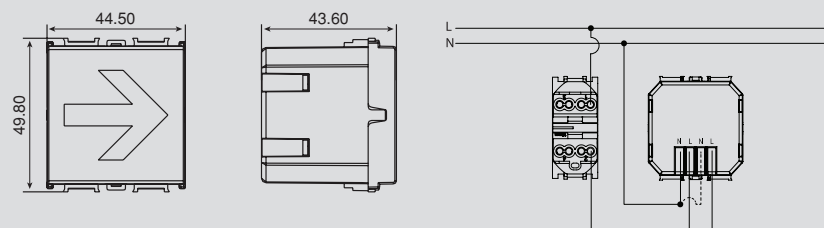


### Technical Specifications

### Direction Indicator - Arrow

### Circuit Diagram

- 230V~
- 5W power consumption

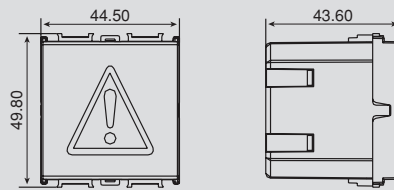


## Technical Drawings and Circuit Diagrams

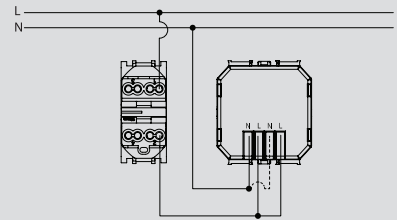
### Technical Specifications

- 230V~
- 5W power consumption

### Direction Indicator - Warning



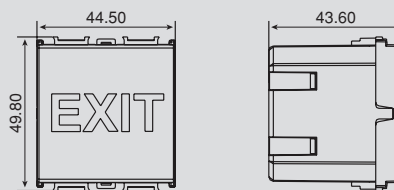
### Circuit Diagram



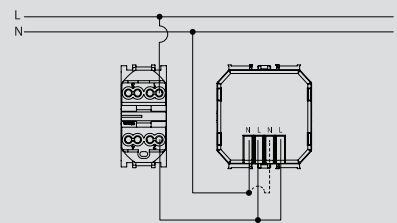
### Technical Specifications

- 230V~
- 5W power consumption

### Direction Indicator - Exit



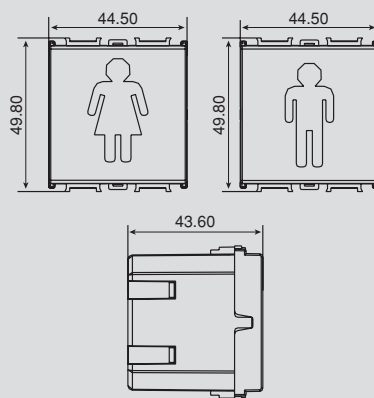
### Circuit Diagram



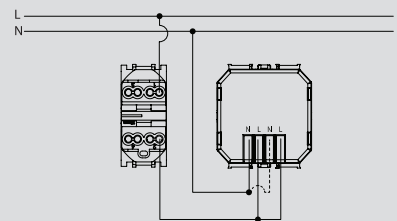
### Technical Specifications

- 230V~
- 5W power consumption

### Direction Indicator - Male/Female

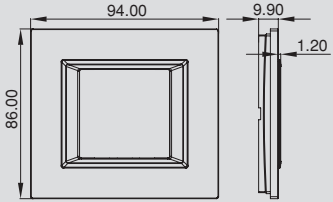


### Circuit Diagram

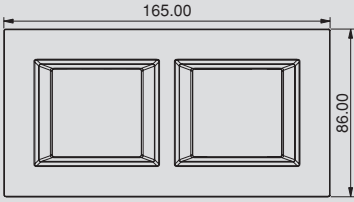


# Frame Dimensions

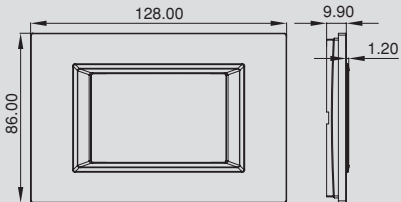
Ultima 2M Frame



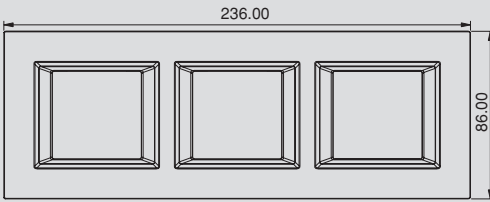
Ultima 2x2M Frame



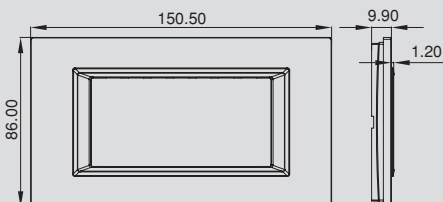
Ultima 3M Frame



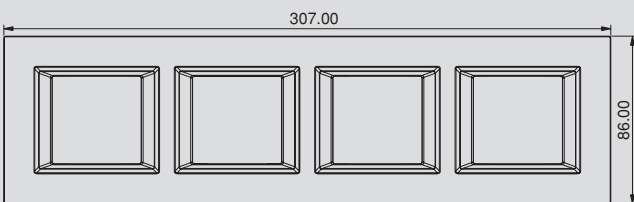
Ultima 3x2M Frame



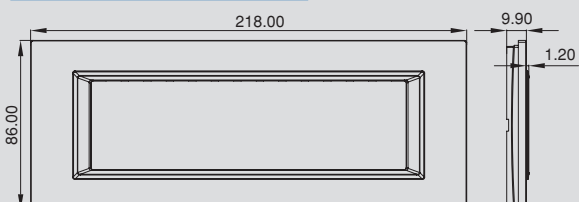
Ultima 4M Frame



Ultima 4x2M Frame



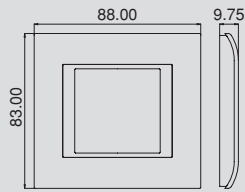
Ultima 7M Frame



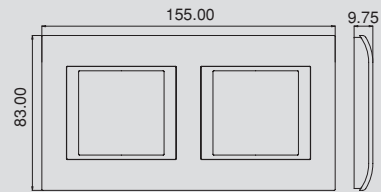


## Frame Dimensions

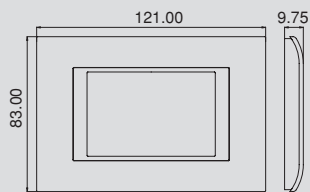
Sistema 2M Frame



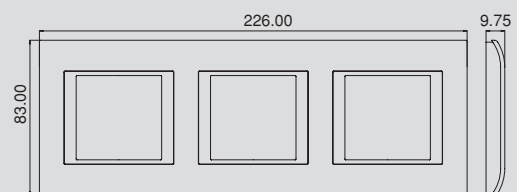
Sistema 2x2M Frame



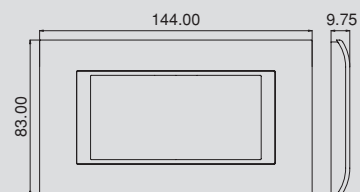
Sistema 3M Frame



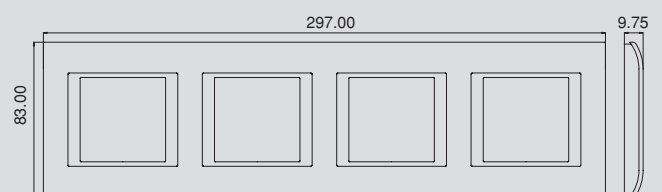
Sistema 3x2M Frame



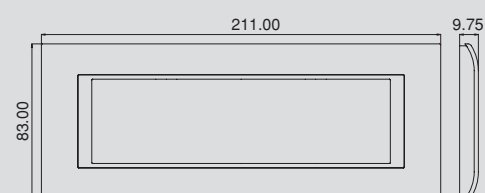
Sistema 4M Frame



Sistema 4x2M Frame

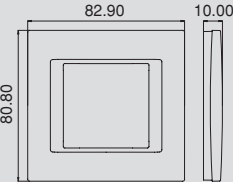


Sistema 7M Frame

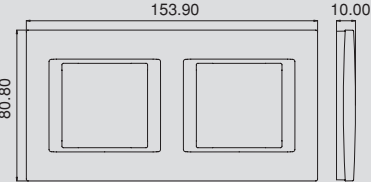


# Frame Dimensions

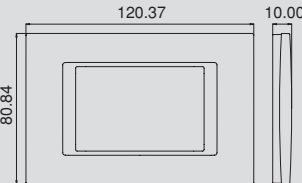
Optima 2M Frame



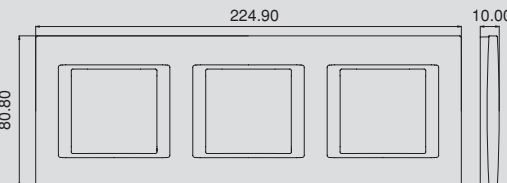
Optima 2x2M Frame



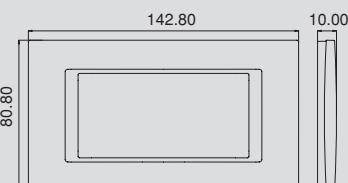
Optima 3M Frame



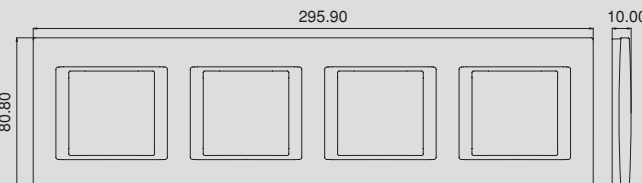
Optima 3x2M Frame



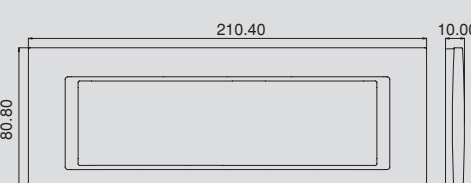
Optima 4M Frame



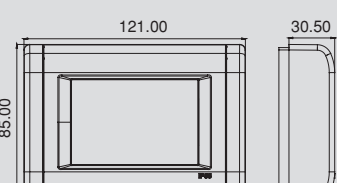
Optima 4x2M Frame



Optima 7M Frame

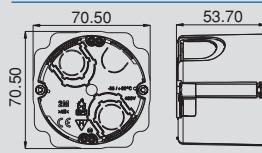


IP55 Frame

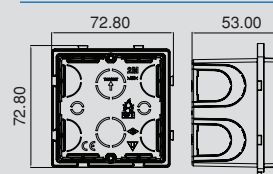


## Wall Box Dimensions

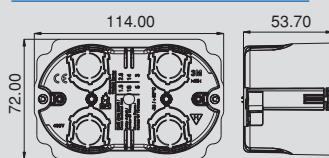
Hollow Wall Box 2M



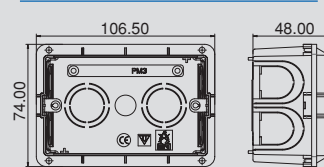
Wall Mount Box 2M



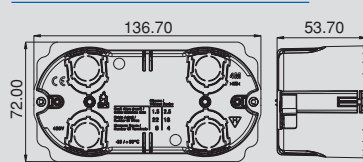
Hollow Wall Box 3M



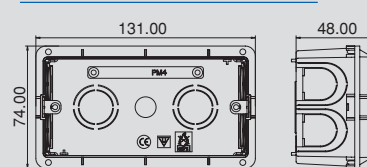
Wall Mount Box 3M



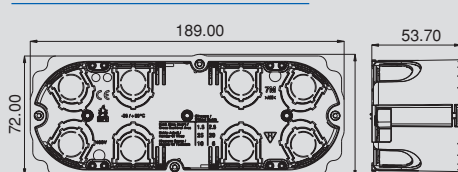
Hollow Wall Box 4M



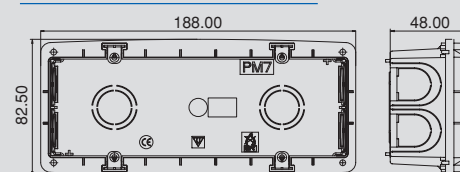
Wall Mount Box 4M



Hollow Wall Box 7M

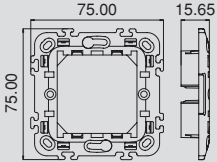


Wall Mount Box 7M

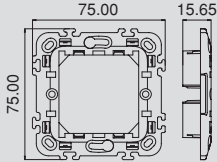


# Mounting Frame Dimensions

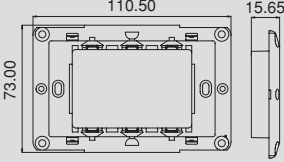
Mounting Frame 2M



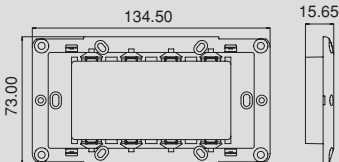
Metal Mounting Frame 2M



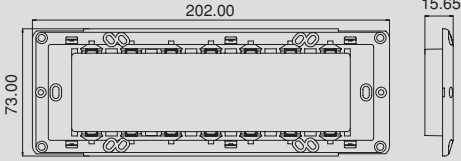
Mounting Frame 3M



Mounting Frame 4M



Mounting Frame 7M



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