

# Panasonic

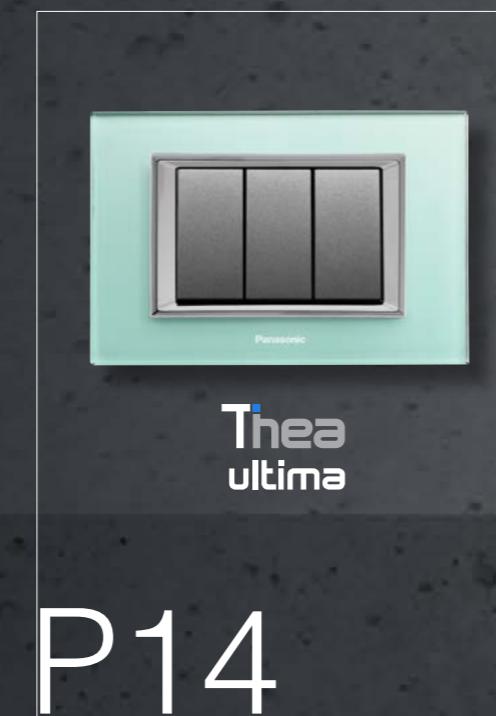
# Thea



2019 - 2020  
Panasonic  
Modular  
Catalogue

Panasonic

Modular Introduction



technical pages



P60

# 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...



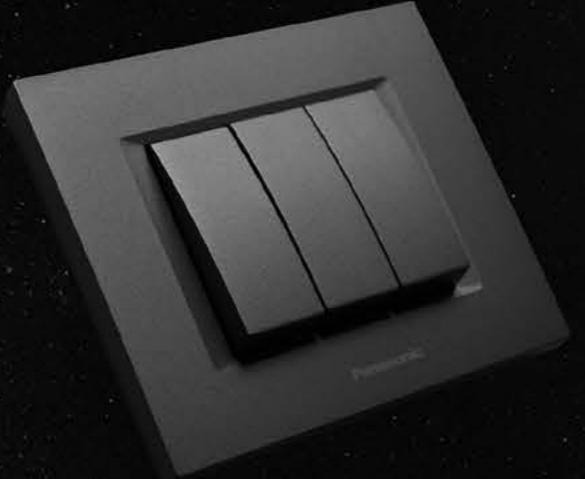
Thea  
ultima

Ultima modular series distinguishing itself with Glass, Eloxal, Metallic and Wooden frames brings Panasonic quality, modernity and comfort to your living spaces.



Thea  
sistema

Sistema modular series, the world of frames with zamak alloys, is inviting you to draw all the attention. Panasonic interprets the privileges of modular products again with its own concept.



Thea  
optima

Discover Panasonic quality and refined elegance behind this simple appearance. Hard-edged frames open the doors of modular world widely.

More  
function  
more design



**Thea**  
Modular



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

**Thea**  
**ultima**



**Thea**  
**sistema**



**Thea**  
**optima**



# Connect to the technology with modular series



Thea's approach to design communes with modular concept. With USB connector, USB charger, HDMI connector, VGA connector and RCA connector, Thea adds the advantages of technology to make the life easier among the options it offers.

#### 1 Thea Modular USB Charger

A new period for charging without adapter starts with Thea Modular USB charger in hotel, home, office. Meet Thea Modular USB charger and get rid of the excesses. Thea Modular USB charger 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.

#### 2 Thea Modular RCA Connector

New member of Thea family, 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.

#### 3 Thea Modular HDMI Connector

New modular HDMI module of Thea family brings the facilities to your office, meeting room, hotel or home. Thanks to Thea Modular HDMI Connector, 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 HDMI Connector 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 new Thea Modular VGA Connector and start the image transfer within seconds.

**Thea**  
Modular

# A forward-looking perspective on modular design



**Thea**  
Modular

## 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.



## 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.

## Modular Mechanism

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



## 2M Earthed Socket

16A, 250V double pole and earthing contact, child protection, screw connection.



## 1M Switch Mechanism

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

Chasing  
your dreams



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.

# Modular design's outstanding colors

## Glass



White



Light Green



Black



Claret Red

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.



For most impressive  
decorations



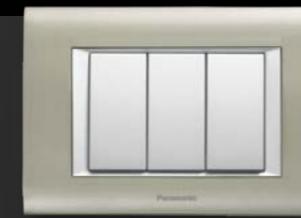
Metropolitan life continues to steer the decorations considered for living spaces. Thea Sistema offering most impressive design alternatives with 14 different color options, provides the benefit of modularity in living spaces.

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.

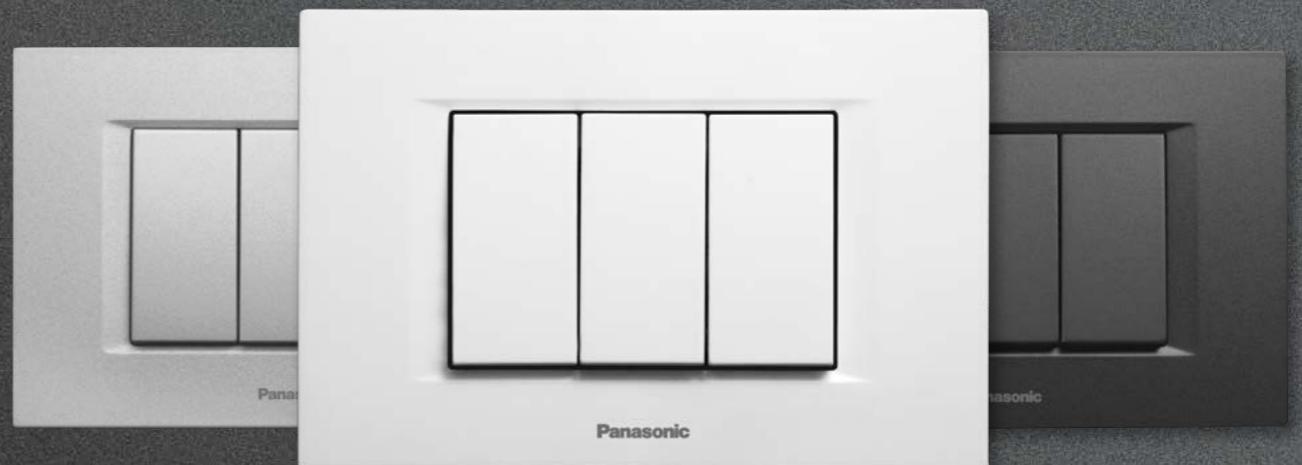


**Gold**

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



Simplicity taking  
the first step

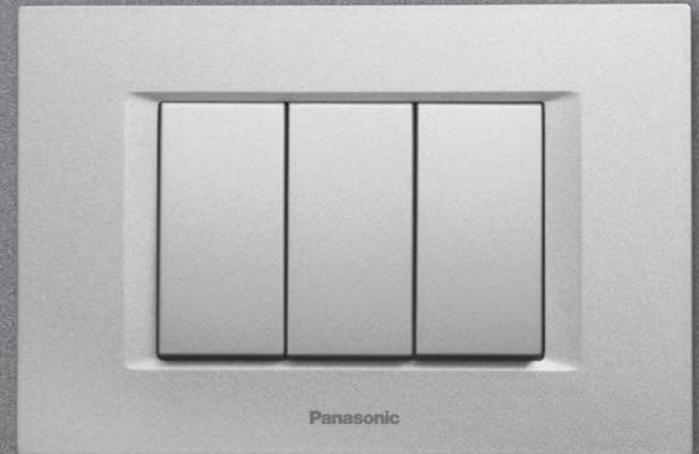
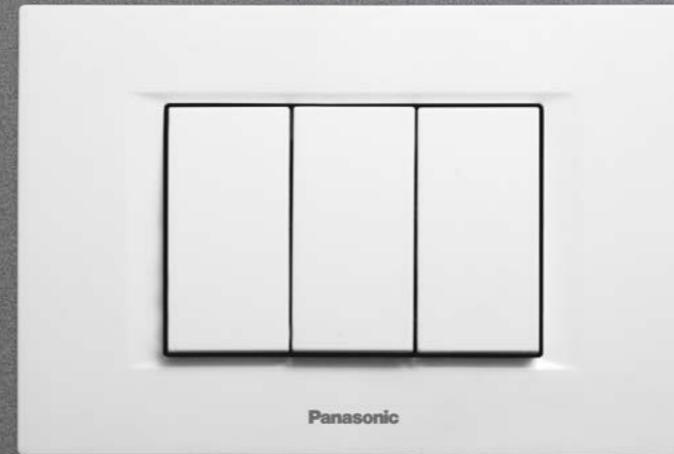


Simplicity taking the center stage with Optima, combining various switching modules. With dimmer products, TV, satellite, network socket solutions, child protected modular sockets, Optima exhibits its difference.

Panasonic

Thea  
optima

Optima style,  
Optima simplicity

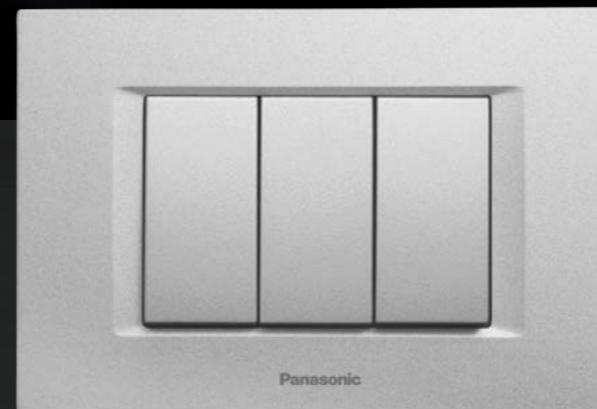


Discover the Optima touch with a catchy form on white and color options. Aesthetic attitude accompanying the feeling of comfort brings a modern and exclusive appearance to the living spaces. Thea invites the ones who prefer primarily minimal designs to the world of Optima in modular switch and socket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

Power of colors,  
decoration privileges



White

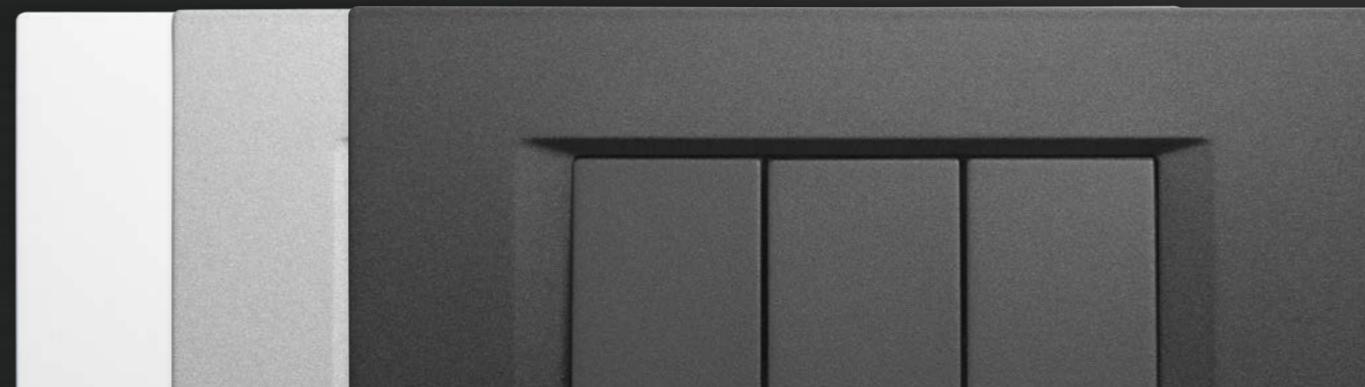


Metallic White

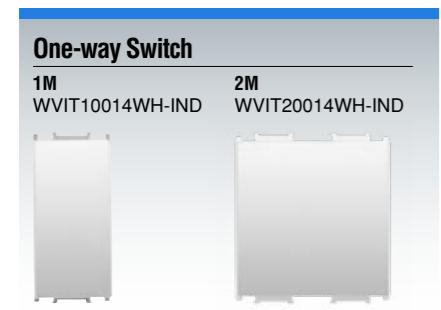


Black

Optima reflects the elegance of modular design on everyday life with White, Metallic White 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.

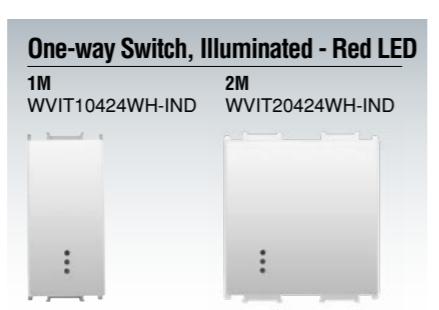


## Switches



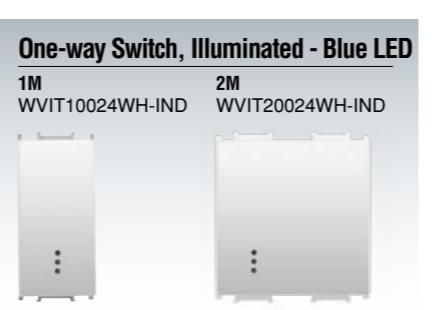
**One-way Switch**  
1M WVIT10014WH-IND 2M WVIT20014WH-IND

16AX, 250V~  
Screw Terminal



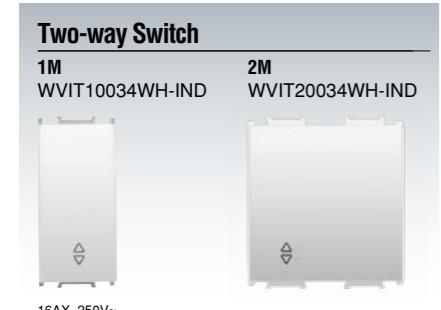
**One-way Switch, Illuminated - Red LED**  
1M WVIT10424WH-IND 2M WVIT20424WH-IND

16AX, 250V~  
Screw Terminal



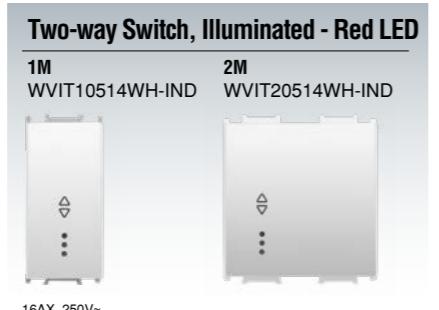
**One-way Switch, Illuminated - Blue LED**  
1M WVIT10024WH-IND 2M WVIT20024WH-IND

16AX, 250V~  
Screw Terminal



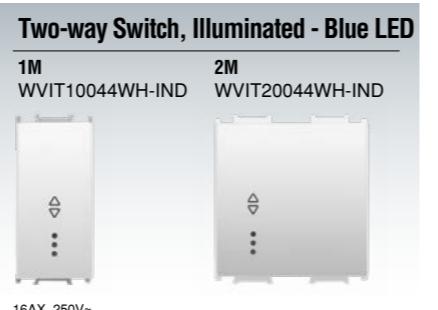
**Two-way Switch**  
1M WVIT10034WH-IND 2M WVIT20034WH-IND

16AX, 250V~  
Screw Terminal



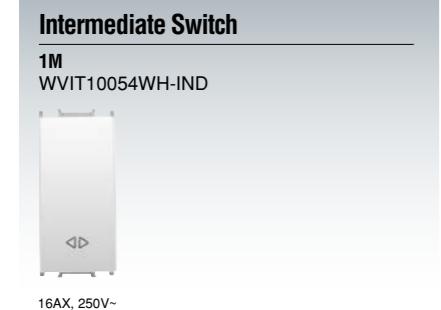
**Two-way Switch, Illuminated - Red LED**  
1M WVIT10514WH-IND 2M WVIT20514WH-IND

16AX, 250V~  
Screw Terminal



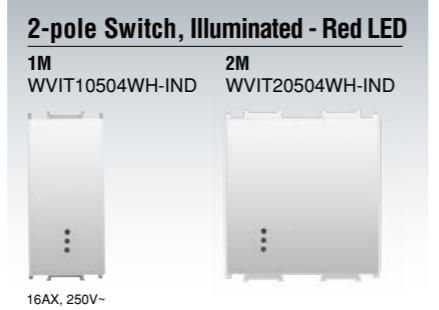
**Two-way Switch, Illuminated - Blue LED**  
1M WVIT10044WH-IND 2M WVIT20044WH-IND

16AX, 250V~  
Screw Terminal



**Intermediate Switch**  
1M WVIT10054WH-IND

16AX, 250V~  
Screw Terminal



**2-pole Switch, Illuminated - Red LED**  
1M WVIT10504WH-IND 2M WVIT20504WH-IND

16AX, 250V~  
Screw Terminal



**2-pole Switch, Illuminated - Blue LED**  
1M WVIT10084WH-IND 2M WVIT20084WH-IND

16AX, 250V~  
Screw Terminal



**Push Button**  
1M WVIT10194WH-IND

16A, 250V~  
Screw Terminal



**Push Button, Illuminated - Red LED**  
1M WVIT10524WH-IND 2M WVIT20524WH-IND

16A, 250V~  
Screw Terminal



**Push Button, Illuminated - Blue LED**  
1M WVIT10204WH-IND 2M WVIT20204WH-IND

16A, 250V~  
Screw Terminal

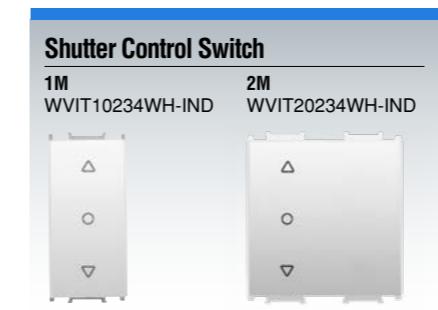


## Cover Plate Color Alternatives



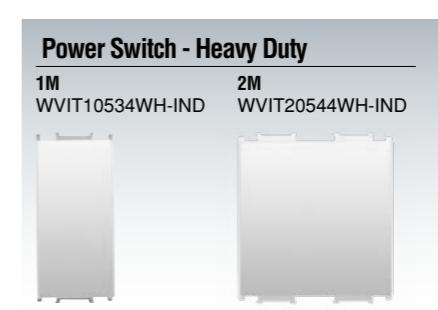
| Type of Terminals and Electrical Cables | Solid Wire                               | Stranded Wire          | Flexible Wire |
|---|--|------------------------|---------------|
|   | Screw Terminal<br>1,0-2,5mm <sup>2</sup> | 1,0-2,5mm <sup>2</sup> | —             |
|   | Screw Terminal<br>1,5-2,5mm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

## Switches



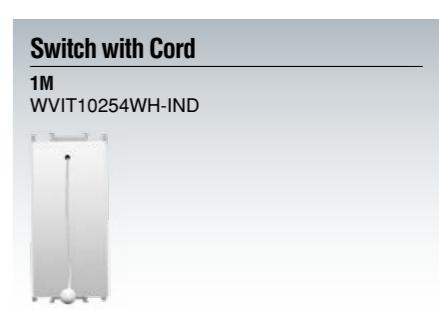
**Shutter Control Switch**  
1M WVIT10234WH-IND 2M WVIT20234WH-IND

10AX, 250V~  
Screw Terminal



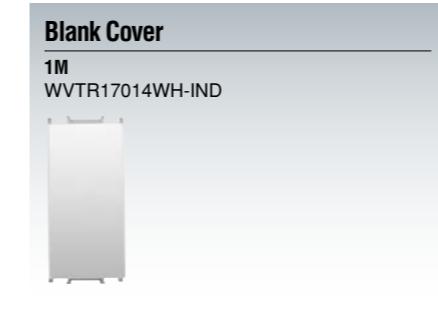
**Power Switch - Heavy Duty**  
1M WVIT10534WH-IND 2M WVIT20544WH-IND

25A, 250V~  
Screw Terminal

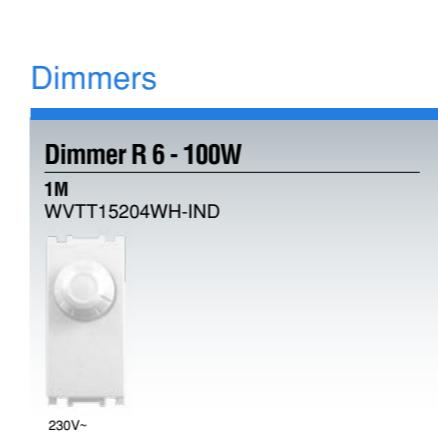


**Switch with Cord**  
1M WVIT10254WH-IND

10A, 250V~  
Screw Terminal



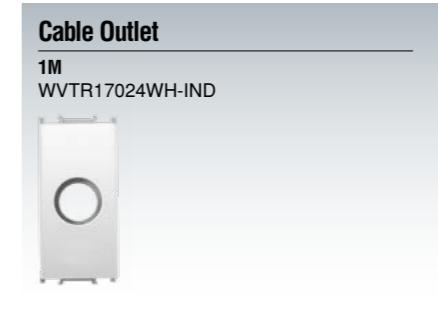
**Blank Cover**  
1M WVTR17014WH-IND



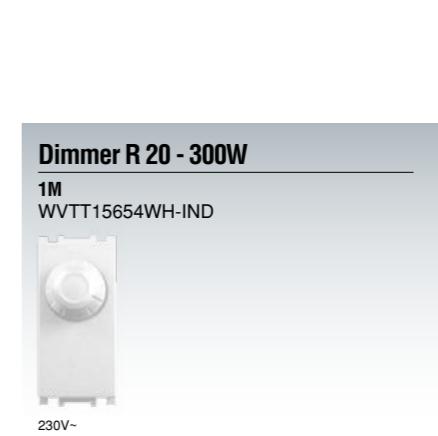
**Dimmer R 6 - 100W**

1M WVTT15204WH-IND

230V~  
Screw Terminal



**Cable Outlet**  
1M WVTR17024WH-IND



**Dimmer R 20 - 300W**

1M WVTT15654WH-IND

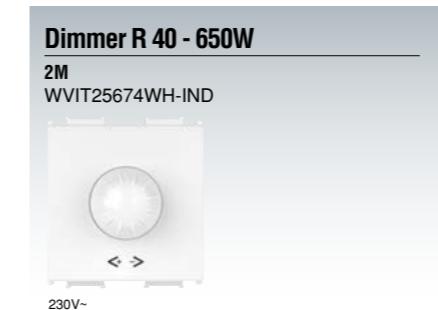
230V~  
Screw Terminal



**Dimmer RC 20 - 300W**

1M WVTT15214WH-IND

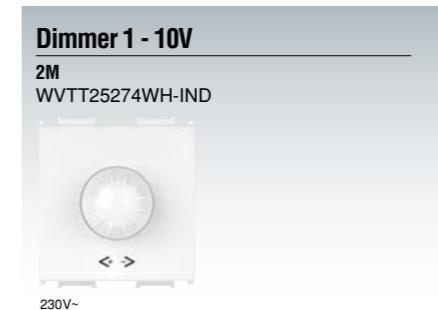
230V~  
Screw Terminal



**Dimmer R 40 - 650W**

2M WVIT25674WH-IND

230V~  
Screw Terminal



**Dimmer 1 - 10V**

2M WVTT25274WH-IND

230V~  
Screw Terminal

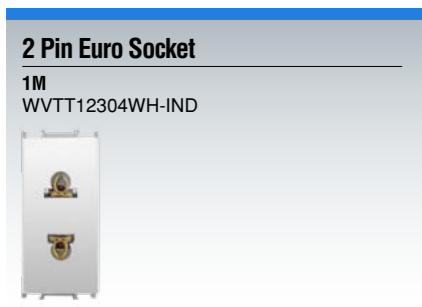


## Cover Plate Color Alternatives



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

## Sockets



**2 Pin Euro Socket**  
1M  
WVTT12304WH-IND



10A, 250V~  
Screw Terminal



**Multi Socket**  
2M  
WVIT22354WH-IND



10A, 250V~  
Screw Terminal, Child Protection



**Combi Socket**  
2M  
WVIT22374WH-IND



6A/10A/13A, 250V~  
Screw Terminal, Child Protection



**Twin Socket**  
2M  
WVIT22364WH-IND



6A/16A, 250V~  
Screw Terminal, Child Protection



**USB Charger**  
2M  
WVTT22314WH-IND



2A, 230V~  
Screw Terminal



**Shaver Socket**  
3M  
WVTT32334WH-IND



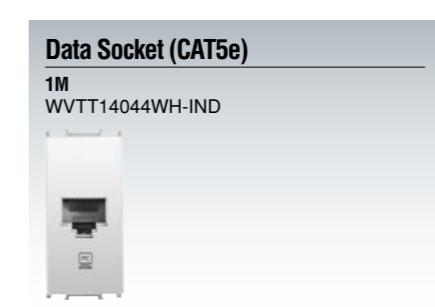
20VA, 110 / 230V~  
Screw Terminal



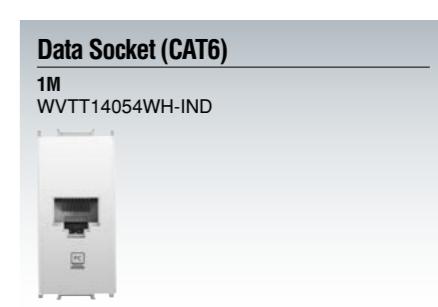
## Data and Television Sockets



**Telephone Socket**  
1M  
WVTT14024WH-IND



**Data Socket (CAT5e)**  
1M  
WVTT14044WH-IND



**Data Socket (CAT6)**  
1M  
WVTT14054WH-IND



## Fan Regulator



**Fan Regulator**  
2M  
WVIT25704WH-IND



230V~  
Screw Terminal



| 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> | —             |
| Screwless Terminal                      | 1,5-2,5mm <sup>2</sup> | 1,5-2,5mm <sup>2</sup> | —             |

## Cover Plate Color Alternatives



WH

MW

## Cover Plate Color Alternatives



WH

MW

## Multimedia Sockets

### HDMI Connector

1M  
WVTT14704WH-IND



### VGA Connector

1M  
WVTT14714WH-IND  
WVTT14734WH-IND (with Terminal)



### RCA Socket

1M  
WVTT14724WH-IND



## Direction Indicators

### Orientation Lamp - White

2M  
WVTT27244WH-IND



230V~, 5W Power Consumption

### Orientation Lamp - Red

2M  
WVTT27244RD-IND



230V~, 5W Power Consumption

### Orientation Lamp - Green

2M  
WVTT27244GR-IND



230V~, 5W Power Consumption

## Volume Control Switch

2M  
WVTT25614WH-IND



## Electronic Products

### Motion Detector

1M  
WVTT15504WH-IND



230V~, 1100W/VA



### Buzzer

1M  
WVTT17034WH-IND



230V~, 25mA



### DND/MUR Internal Switch

2M  
WVIT20144WH-IND



16AX, 250V~  
Screw Terminal



### Orientation Lamp - Blue

2M  
WVTT27244BU-IND



230V~, 5W Power Consumption

### Direction Indicator - Arrow

2M  
WVTC07074NC-IND



230V~, 5W Power Consumption

### Direction Indicator - Exit

2M  
WVTC07104NC-IND



230V~, 5W Power Consumption

### DND/MUR Outdoor Switch

2M  
WVTT27054NC-IND



230V~, 2,5W Power Consumption

### Energy Saver Card Reader

2M  
WVTT25764WH-IND (Optima) - (Sistema)  
WVTT25784WH-IND (Ultima)



### Energy Saver Card Reader

3M  
WVTT35764WH-IND



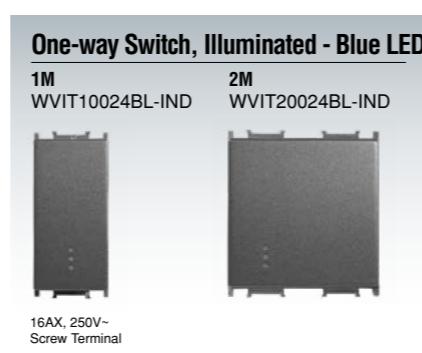
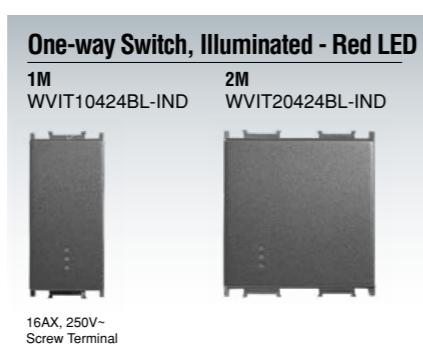
## Cover Plate Color Alternatives



## Cover Plate Color Alternatives



## Switches

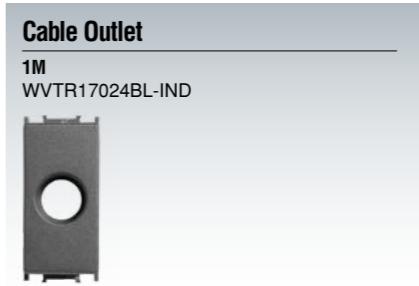
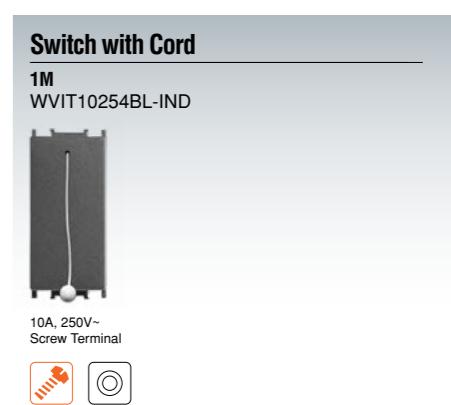
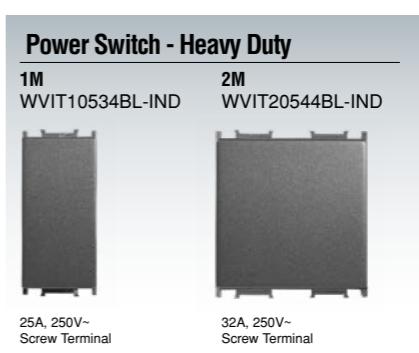


## Cover Plate Color Alternatives

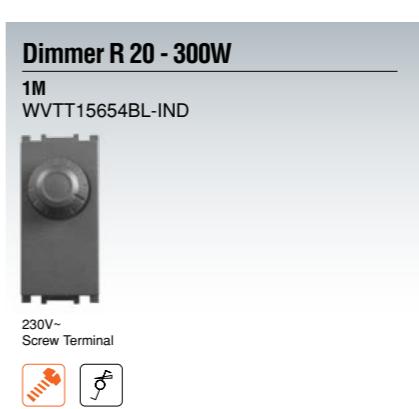


| Type of Terminals and Electrical Cables | Solid Wire     | Stranded Wire          | Flexible Wire          |
|---|----------------|------------------------|------------------------|
|   | Screw Terminal | 1,0-2,5mm <sup>2</sup> | 1,0-2,5mm <sup>2</sup> |
|   | Screw Terminal | 1,5-2,5mm <sup>2</sup>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

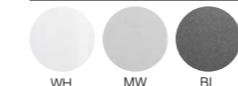
## Switches



## Dimmers

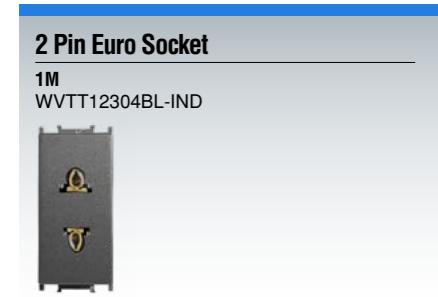


## Cover Plate Color Alternatives



| 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



10A, 250V~  
Screw Terminal



10A, 250V~  
Screw Terminal



6A/10A/13A, 250V~  
Screw Terminal, Child Protection



6A/16A, 250V~  
Screw Terminal, Child Protection



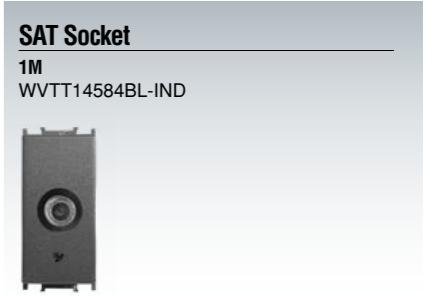
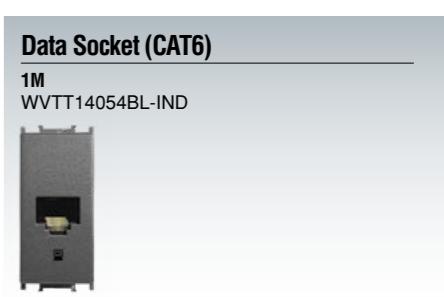
2A, 230V~  
Screw Terminal



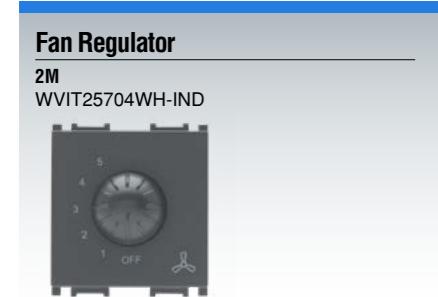
20VA, 110 / 230V~  
Screw Terminal



## Data and Television Sockets



## Fan Regulator



230V~  
Screw Terminal



| 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> | —             |
| Screwless Terminal                      | 1,5-2,5mm <sup>2</sup> | 1,5-2,5mm <sup>2</sup> | —             |

## Cover Plate Color Alternatives



WH MW BL

## Cover Plate Color Alternatives



WH MW BL

## Multimedia Sockets

**HDMI Connector**  
1M  
WVTT14704BL-IND



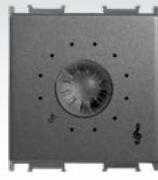
**VGA Connector**  
1M  
WVTT14714BL-IND  
WVTT14734BL-IND (with Terminal)



**RCA Socket**  
1M  
WVTT14724BL-IND



**Volume Control Switch**  
2M  
WVTT25614BL-IND



## Electronic Products

**Motion Detector**  
1M  
WVTT15504BL-IND



230V~, 1100W/VA



**Buzzer**  
1M  
WVTT17034BL-IND



230V~, 25mA



**DND/MUR Internal Switch**  
2M  
WVIT20144BL-IND



16AX, 250V~  
Screw Terminal



**DND/MUR Outdoor Switch**  
2M  
WVTT27054NC-IND



230V~, 2,5W Power Consumption

**Energy Saver Card Reader**  
2M  
WVTT25764BL-IND (Optima) - (Sistema)  
WVTT25784BL-IND (Ultima)



**Energy Saver Card Reader**  
3M  
WVTT35764BL-IND



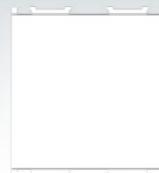
## Cover Plate Color Alternatives



## Direction Indicators

### Orientation Lamp - White

Mechanism+Cover Plate 2M  
WVTT27244WH-IND



230V~, 5W Power Consumption

### Orientation Lamp - Red

Mechanism+Cover Plate 2M  
WVTT27244RD-IND



230V~, 5W Power Consumption

### Orientation Lamp - Green

Mechanism+Cover Plate 2M  
WVTT27244GR-IND



230V~, 5W Power Consumption

### Orientation Lamp - Blue

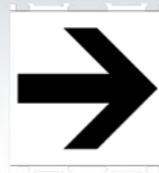
Mechanism+Cover Plate 2M  
WVTT27244BU-IND



230V~, 5W Power Consumption

### Direction Indicator - Arrow

Mechanism+Cover Plate 2M  
WVTC07074NC-IND



220-240V~, 0,5W Power Consumption

### Direction Indicator - Exit

Mechanism+Cover Plate 2M  
WVTC07104NC-IND



230V~, 5W Power Consumption

### Direction Indicator - Male/Female

Mech. + Cover Plate 2M  
WVTC07184NC-IND      Mech. + Cover Plate 2M  
WVTC07194NC-IND



230V~, 5W Power Consumption

### Foot Light

2M  
WVIT25724BL-IND



230V~, 5W Power Consumption

## Cover Plate Color Alternatives



## Mechanism/Rocker/Frame Alternatives

Mechanism   Cover Plate/Rocker   Frame

Complete



**ultima**



WVTF28435 □□ - IND



Panasonic



**sistema**



WVTF18435 □□ - IND



Panasonic



**optima**



WVTF08431 □□ - IND



Panasonic

## Cover Plate/Rocker Color Alternatives



white  
WH

metallic  
white  
MW

black  
BL

Frame Color Alternatives

Metallic



INOX

CHROME

GOLD

Eloxal



SILVER

BRONZE

BLACK

Glass



WHITE

LIGHT  
GREEN

CLARET  
RED

Wood



BAMBOO

WENGE

WALNUT

Metallic



INOX

INOX MATT

CHROME

CHROME MATT

UNA

ANTIQUE

GOLD

Metallic white\*

Dore\*

Metallic white\*

Metallic white\*

Metallic white\*

Dore\*

Dore\*

Dark gray\*

Black\*

Dark gray\*

Dark gray\*

Dark gray\*

Black\*

Black\*

Opaque



WHITE

Metallic



METALLIC  
WHITE

BLACK

## Ultima Frames

### Frames

**1M Frame**  
WVTF28515 □ □-IND



**2M Frame**  
WVTF28405 □ □-IND



**3M Frame**  
WVTF28435 □ □-IND



**4M Frame**  
WVTF28445 □ □-IND



**7M Frame**  
WVTF28475 □ □-IND



## Sistema Frames

### Frames

**2M Frame**  
WVTF18515 □ □-IND



**2M Frame**  
WVTF18405 □ □-IND



**3M Frame**  
WVTF18435 □ □-IND



**4M Frame**  
WVTF18445 □ □-IND



**7M Frame**  
WVTF18475 □ □-IND



### ULTIMA FRAMES PRODUCT CODES

| FRAME COLOR         | 1M FRAME        | 2M FRAME        | 3M FRAME        | 4M FRAME        | 7M FRAME        |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| GLASS - Light Green | WVTF28515GG-IND | WVTF28405GG-IND | WVTF28435GG-IND | WVTF28445GG-IND | WVTF28475GG-IND |
| GLASS - White       | WVTF28515GW-IND | WVTF28405GW-IND | WVTF28435GW-IND | WVTF28445GW-IND | WVTF28475GW-IND |
| GLASS - Black       | WVTF28515GB-IND | WVTF28405GB-IND | WVTF28435GB-IND | WVTF28445GB-IND | WVTF28475GB-IND |
| GLASS - Claret Red  | WVTF28515GC-IND | WVTF28405GC-IND | WVTF28435GC-IND | WVTF28445GC-IND | WVTF28475GC-IND |
| WOOD - Bamboo       | WVTF28515WB-IND | WVTF28405WB-IND | WVTF28435WB-IND | WVTF28445WB-IND | WVTF28475WB-IND |
| WOOD - Walnut       | WVTF28515WW-IND | WVTF28405WW-IND | WVTF28435WW-IND | WVTF28445WW-IND | WVTF28475WW-IND |
| WOOD - Wenge        | WVTF28515WV-IND | WVTF28405WV-IND | WVTF28435WV-IND | WVTF28445WV-IND | WVTF28475WV-IND |
| ELOXAL - Silver     | WVTF28515AS-IND | WVTF28405AS-IND | WVTF28435AS-IND | WVTF28445AS-IND | WVTF28475AS-IND |
| ELOXAL - Bronze     | WVTF28515AR-IND | WVTF28405AR-IND | WVTF28435AR-IND | WVTF28445AR-IND | WVTF28475AR-IND |
| ELOXAL - Black      | WVTF28515AB-IND | WVTF28405AB-IND | WVTF28435AB-IND | WVTF28445AB-IND | WVTF28475AB-IND |
| METALLIC - Gold     | WVTF28515MG-IND | WVTF28405MG-IND | WVTF28435MG-IND | WVTF28445MG-IND | WVTF28475MG-IND |
| METALLIC - Chrome   | WVTF28515MC-IND | WVTF28405MC-IND | WVTF28435MC-IND | WVTF28445MC-IND | WVTF28475MC-IND |
| METALLIC - Inox     | WVTF28515MI-IND | WVTF28405MI-IND | WVTF28435MI-IND | WVTF28445MI-IND | WVTF28475MI-IND |

### SISTEMA FRAMES PRODUCT CODES

| FRAME COLOR                  | 1M FRAME        | 2M FRAME        | 3M FRAME        | 4M FRAME        | 7M FRAME        |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Antique - Dore               | WVTF18515AQ-IND | WVTF18405AQ-IND | WVTF18435AQ-IND | WVTF18445AQ-IND | WVTF18475AQ-IND |
| Antique - Black              | WVTF18515AY-IND | WVTF18405AY-IND | WVTF18435AY-IND | WVTF18445AY-IND | WVTF18475AY-IND |
| Chrome - Dark Gray           | WVTF18515KF-IND | WVTF18405KF-IND | WVTF18435KF-IND | WVTF18445KF-IND | WVTF18475KF-IND |
| Chrome - Metallic White      | WVTF18515CH-IND | WVTF18405CH-IND | WVTF18435CH-IND | WVTF18445CH-IND | WVTF18475CH-IND |
| Chrome Matt - Dark Gray      | WVTF18515KD-IND | WVTF18405KD-IND | WVTF18435KD-IND | WVTF18445KD-IND | WVTF18475KD-IND |
| Chrome Matt - Metallic White | WVTF18515CM-IND | WVTF18405CM-IND | WVTF18435CM-IND | WVTF18445CM-IND | WVTF18475CM-IND |
| Gold - Dore                  | WVTF18515GL-IND | WVTF18405GL-IND | WVTF18435GL-IND | WVTF18445GL-IND | WVTF18475GL-IND |
| Gold - Black                 | WVTF18515GS-IND | WVTF18405GS-IND | WVTF18435GS-IND | WVTF18445GS-IND | WVTF18475GS-IND |
| Inox - Dark Gray             | WVTF18515IG-IND | WVTF18405IG-IND | WVTF18435IG-IND | WVTF18445IG-IND | WVTF18475IG-IND |
| Inox - Metallic White        | WVTF18515IN-IND | WVTF18405IN-IND | WVTF18435IN-IND | WVTF18445IN-IND | WVTF18475IN-IND |
| Inox Matt - Dore             | WVTF18515IM-IND | WVTF18405IM-IND | WVTF18435IM-IND | WVTF18445IM-IND | WVTF18475IM-IND |
| Inox Matt - Metallic White   | WVTF18515IB-IND | WVTF18405IB-IND | WVTF18435IB-IND | WVTF18445IB-IND | WVTF18475IB-IND |
| Una - Dark Gray              | WVTF18515UN-IND | WVTF18405UN-IND | WVTF18435UN-IND | WVTF18445UN-IND | WVTF18475UN-IND |
| Una - Metallic White         | WVTF18515UW-IND | WVTF18405UW-IND | WVTF18435UW-IND | WVTF18445UW-IND | WVTF18475UW-IND |

## Optima Frames

### Frames

**1M Frame**  
WVTF0851 □ □-IND



**2M Frame**  
WVTF08401 □ □-IND



**3M Frame**  
WVTF08431 □ □-IND



**4M Frame**  
WVTF08441 □ □-IND



**7M Frame**  
WVTF08471 □ □-IND



**IP55 Frame 3M**  
WVTF08601WH-IND



## Mounting Frames



WVIC07394NC-IND Mounting Frame 1M



WVIC07314NC-IND Mounting Frame 2M



WVTC07344NC-IND Mounting Frame 3M



WVTC07354NC-IND Mounting Frame 4M



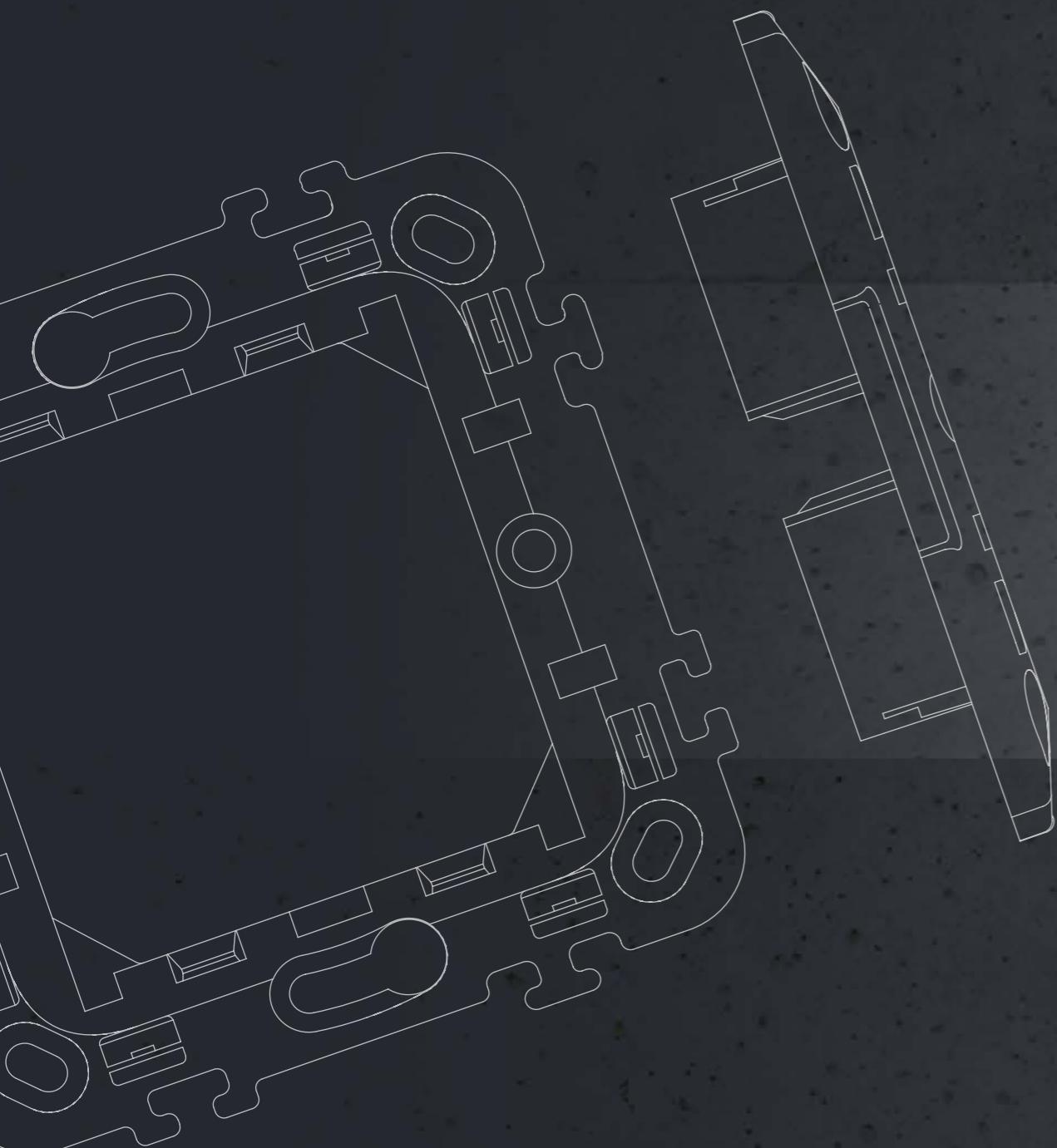
WVTC07364NC-IND Mounting Frame 7M

### OPTIMA FRAMES PRODUCT CODES

| COVER COLOR    | 1M FRAME        | 2M FRAME        | 3M FRAME        | 4M FRAME        | 7M FRAME        |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Metallic White | WVTF08511MW-IND | WVTF08401MW-IND | WVTF08431MW-IND | WVTF08441MW-IND | WVTF08471MW-IND |
| White          | WVTF08511WH-IND | WVTF08401WH-IND | WVTF08431WH-IND | WVTF08441WH-IND | WVTF08471WH-IND |
| Black          | WVTF08511BL-IND | WVTF08401BL-IND | WVTF08431BL-IND | WVTF08441BL-IND | WVTF08471BL-IND |

## technical specifications

- 50 - 58 Technical Specifications and Circuit Diagrams
- 60 Ultima Frame Dimensions
- 61 Sistema Frame Dimensions
- 62 Optima Frame Dimensions
- 63 Mounting Frame Dimensions



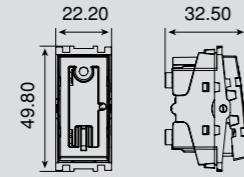
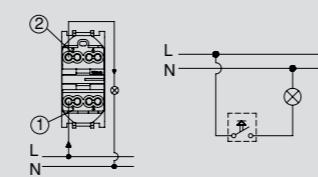
## Technical Drawings and Circuit Diagrams

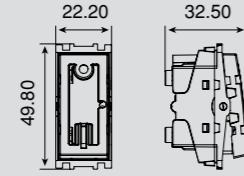
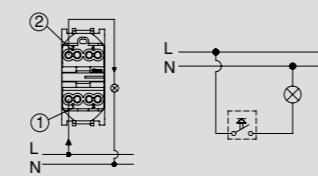
|  | Technical Specifications  | Switch | Circuit Diagram   |
|--|---|--------|---|
|  | <ul style="list-style-type: none"> <li>Controls a lamp or a lamp group from a point.</li> <li>16AX, 250V~</li> <li>One-way</li> <li>Screw connection</li> </ul>   |        |   |
|  | <ul style="list-style-type: none"> <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>              |        |   |
|  | <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>                                |        |   |
|  | <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>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> |
|  | <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>                                |        |   |
|  | <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>   |        |   |
|  | <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>  |        |   |

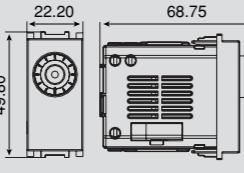
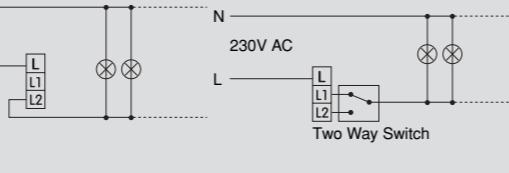
## Technical Drawings and Circuit Diagrams

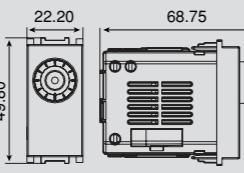
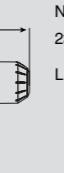
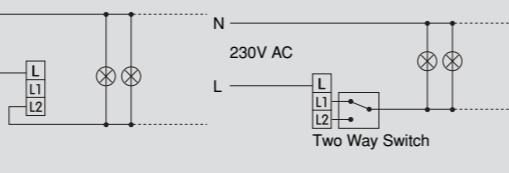
|  | Technical Specifications   | Two-Pole Switch, Illuminated | Circuit Diagram   |
|--|--|------------------------------|---|
|  | <ul style="list-style-type: none"> <li>Two poles enable simultaneous disconnection of switches, phase and neutral.</li> <li>16AX, 250V~</li> <li>Double pole, One-way</li> <li>Illuminated indicator</li> <li>Screw connection</li> </ul>  |                              | <p>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> |
|  | <ul style="list-style-type: none"> <li>Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.</li> <li>16A, 250V~</li> <li>One-way</li> <li>Push button, instant trigger</li> <li>Screw connection</li> </ul>                                |                              |   |
|  | <ul style="list-style-type: none"> <li>Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.</li> <li>16A, 250V~</li> <li>One-way</li> <li>Push button, instant trigger</li> <li>Illuminated indicator</li> <li>Screw connection</li> </ul> |                              | <p>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> |
|  | <ul style="list-style-type: none"> <li>Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.</li> <li>16A, 250V~</li> <li>One-way</li> <li>Push button, instant trigger</li> <li>Screw connection</li> </ul>                                |                              |   |
|  | <ul style="list-style-type: none"> <li>Controls the door bell.</li> <li>16A, 250V~</li> <li>One-way</li> <li>Push button, instant trigger</li> <li>Screw connection</li> </ul>   |                              |   |
|  | <ul style="list-style-type: none"> <li>Controls the door bell.</li> <li>16A, 250V~</li> <li>Push button, instant trigger</li> <li>Illuminated indicator</li> <li>Screw connection</li> </ul>   |                              | <p>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> |
|  | <ul style="list-style-type: none"> <li>Controls up and down movement of shutters, by controlling shutter motors via single button</li> <li>10AX, 250V~</li> <li>Two way, three positions</li> <li>Screw connection</li> </ul>  |                              |   |

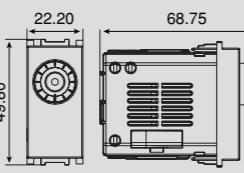
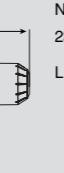
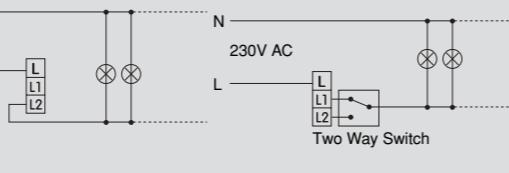
## Technical Drawings and Circuit Diagrams

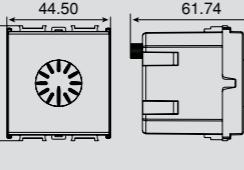
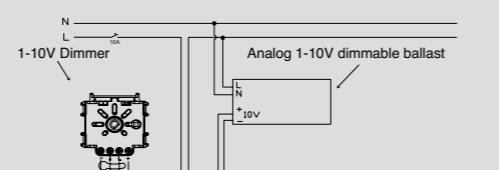
|  Technical Specifications  | Heavy Duty Switch  | Circuit Diagram |
|---|--|-----------------|
| <ul style="list-style-type: none"> <li>Enable disconnection of switches, phase and neutral.</li> <li>25A &amp; 32A, 250V~</li> <li>One-way</li> <li>Screw connection</li> </ul> |    |                 |

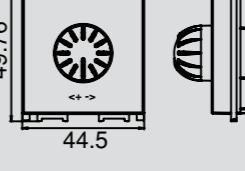
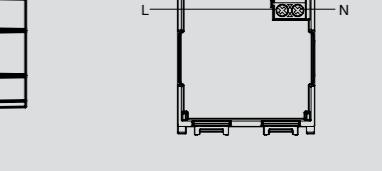
|  Technical Specifications  | Emergency Push Button with Cord  | Circuit Diagram |
|---|--|-----------------|
| <ul style="list-style-type: none"> <li>Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.</li> <li>10A, 250V~</li> <li>One-way</li> <li>Push button, instant trigger</li> <li>Screw connection</li> </ul> |    |                 |

|  Technical Specifications   | Pro Dimmer R 300W 1M  | Circuit Diagram |
|--|---|-----------------|
| <ul style="list-style-type: none"> <li>R type dimmer</li> <li>300W maximum output power (R type load)</li> <li>20W minimum output power</li> <li>Feature to use as two-way</li> <li>Feature to switch on/off at the set level of dimming.</li> </ul> |    |                 |

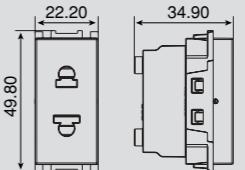
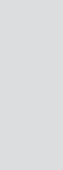
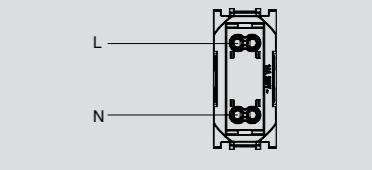
|  Technical Specifications  | Pro Dimmer R 6-100W/V/A  | Circuit Diagram |
|---|--|-----------------|
| <ul style="list-style-type: none"> <li>R type dimmer</li> <li>100W maximum output power (R type load)</li> <li>6W minimum output power</li> <li>Feature to use as two-way</li> <li>Feature to switch on/off at the set level of dimming.</li> </ul> |    |                 |

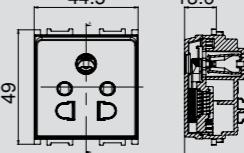
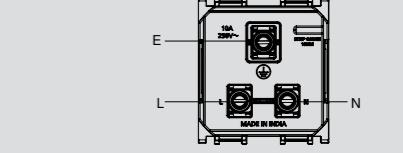
|  Technical Specifications   | Pro Dimmer RC 20-300W/V/A  | Circuit Diagram |
|--|--|-----------------|
| <ul style="list-style-type: none"> <li>RC type dimmer</li> <li>300W maximum output power (R type load) 300VA maximum output power 300VA (C type load)</li> <li>20W minimum output power</li> <li>Feature to use as two-way</li> <li>Feature to switch on/off at the set level of dimming.</li> </ul> |    |                 |

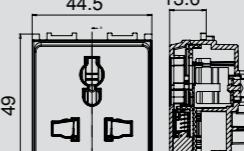
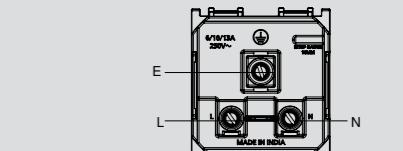
|  Technical Specifications   | Rotary Dimmer 1-10V  | Circuit Diagram |
|--|--|-----------------|
| <ul style="list-style-type: none"> <li>Operating temperature +5°C...+35°C</li> <li>0.8V...11V control voltage</li> <li>Control current 50mA</li> <li>Switching current 5AX</li> <li>Fuse 500mAh</li> </ul> |    |                 |

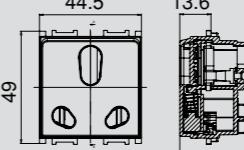
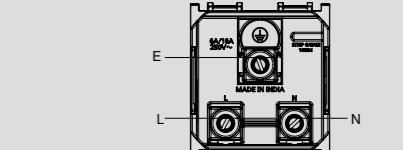
|  Technical Specifications                                  | Dimmar  | Circuit Diagram |
|---|---|-----------------|
| <ul style="list-style-type: none"> <li>60-650W, 240V~, 50Hz</li> <li>2M</li> <li>Child protection option</li> <li>Screw connection</li> </ul> |    |                 |

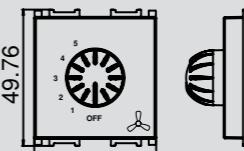
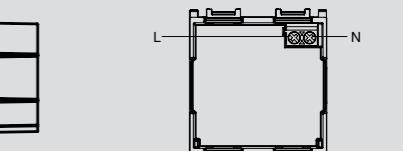
## Technical Drawings and Circuit Diagrams

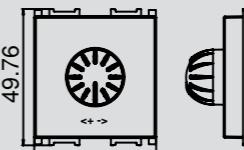
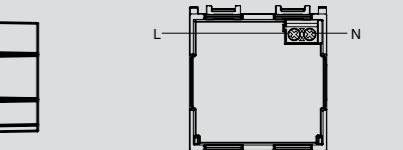
|  Technical Specifications                     | Euro-American Socket  | Circuit Diagram |
|--|---|-----------------|
| <ul style="list-style-type: none"> <li>13A-16A</li> <li>2P</li> <li>Child protection option</li> <li>Screw connection</li> </ul> |    |                 |

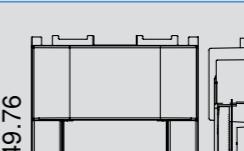
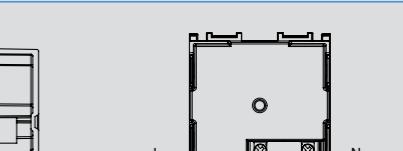
|  Technical Specifications                        | Multi Socket  | Circuit Diagram |
|---|---|-----------------|
| <ul style="list-style-type: none"> <li>10A, 250V~</li> <li>2M</li> <li>Child protection option</li> <li>Screw connection</li> </ul> |    |                 |

|  Technical Specifications                             | Combi Socket   | Circuit Diagram |
|--|--|-----------------|
| <ul style="list-style-type: none"> <li>6/10/13A, 250V~</li> <li>2M</li> <li>Child protection option</li> <li>Screw connection</li> </ul> |    |                 |

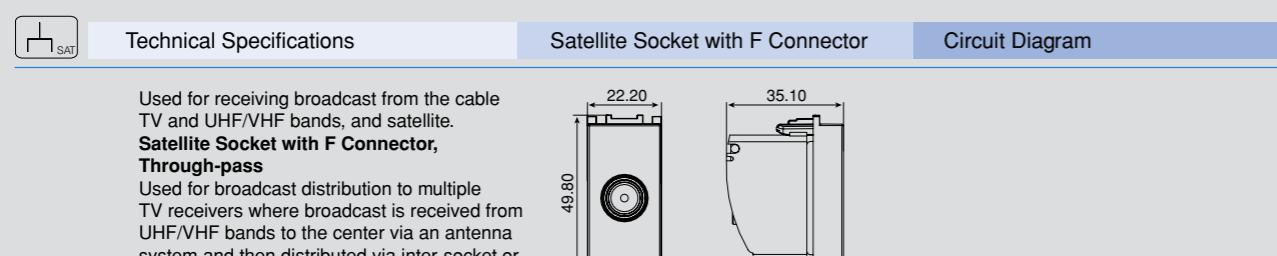
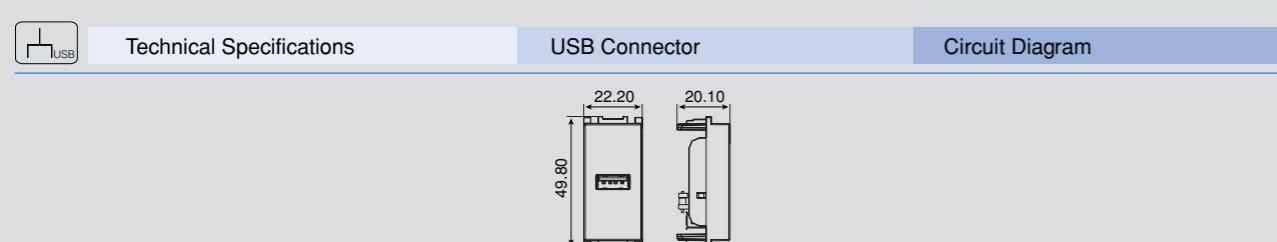
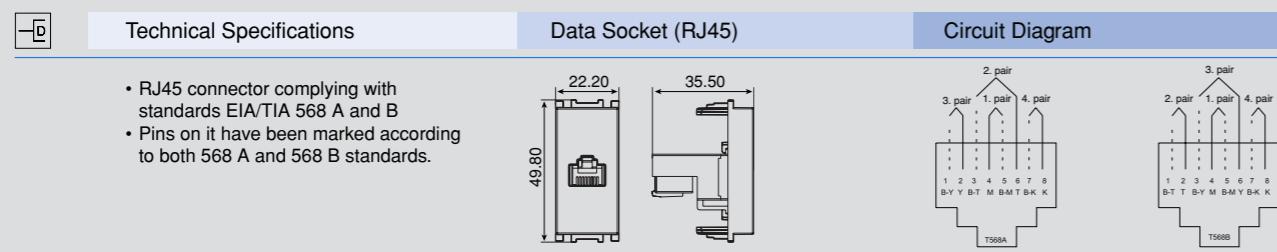
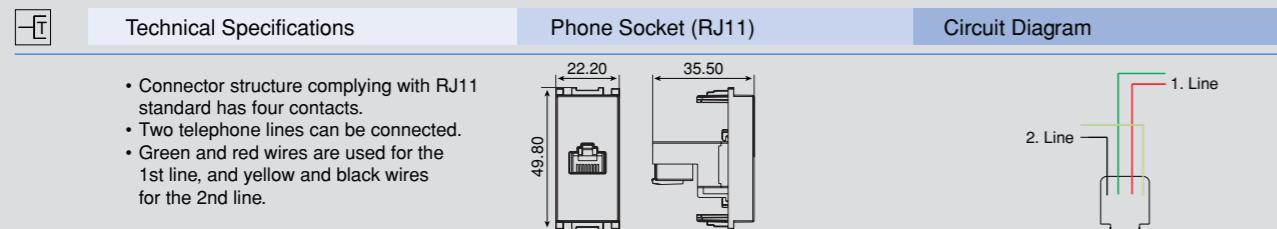
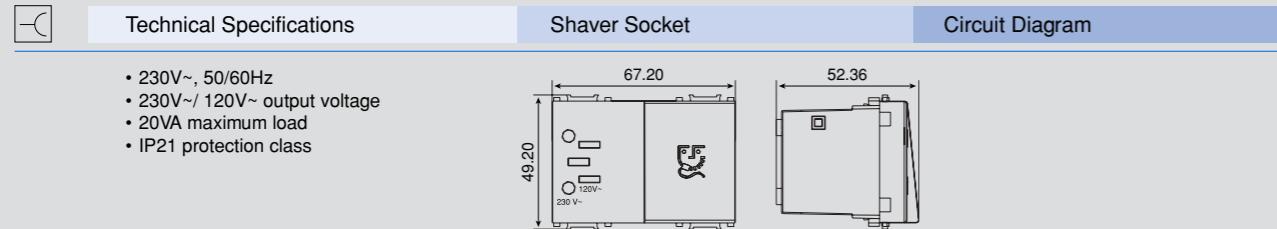
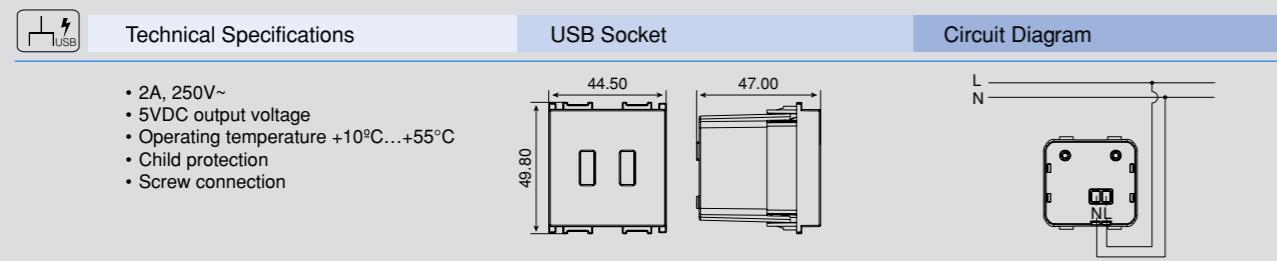
|  Technical Specifications                        | Twin Socket   | Circuit Diagram |
|---|---|-----------------|
| <ul style="list-style-type: none"> <li>6/16A, 250V~</li> <li>2M</li> <li>Child protection option</li> <li>Screw connection</li> </ul> |    |                 |

|  Technical Specifications                             | Fan Regulator   | Circuit Diagram |
|--|---|-----------------|
| <ul style="list-style-type: none"> <li>100W, 240V~, 50Hz</li> <li>2M</li> <li>Child protection option</li> <li>Screw connection</li> </ul> |    |                 |

|  Technical Specifications                                | Dimmar  | Circuit Diagram |
|---|---|-----------------|
| <ul style="list-style-type: none"> <li>60-650W, 240V~, 50Hz</li> <li>2M</li> <li>Child protection option</li> <li>Screw connection</li> </ul> |    |                 |

|  Technical Specifications                                 | Foot Light  | Circuit Diagram |
|--|---|-----------------|
| <ul style="list-style-type: none"> <li>220-240V~, 0.5W, 50Hz</li> <li>2M</li> <li>Child protection option</li> <li>Screw connection</li> </ul> |    |                 |

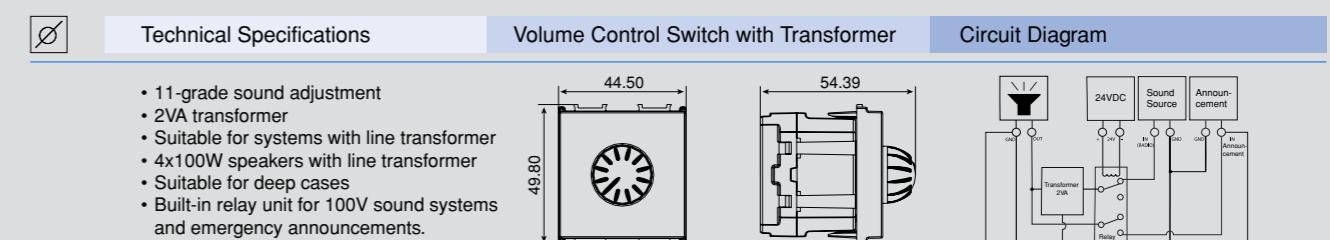
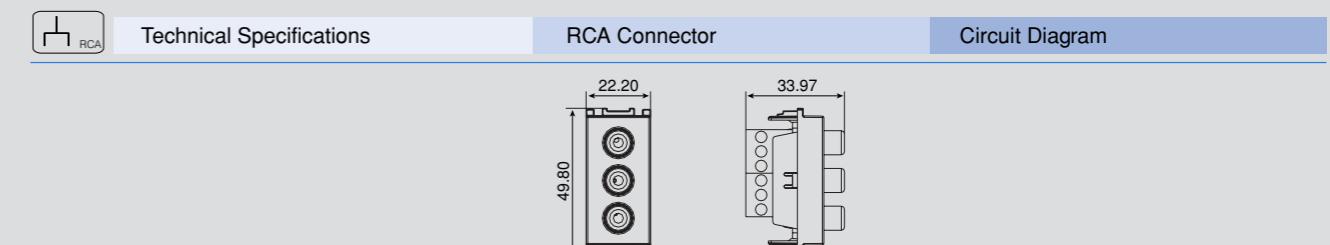
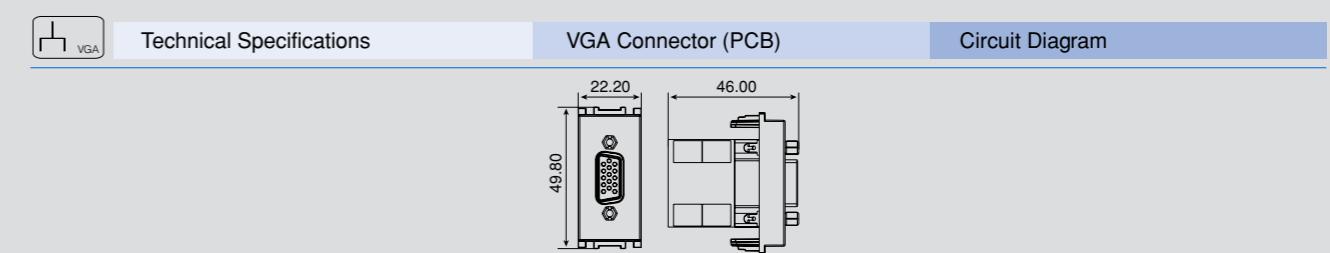
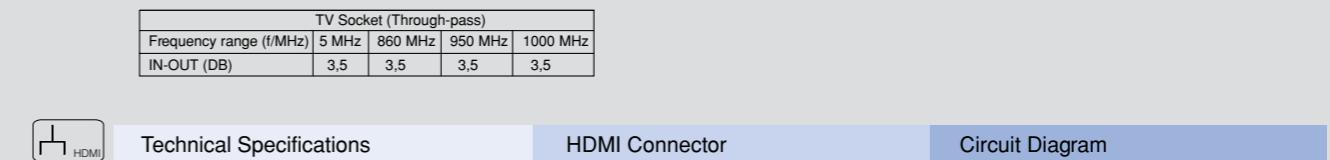
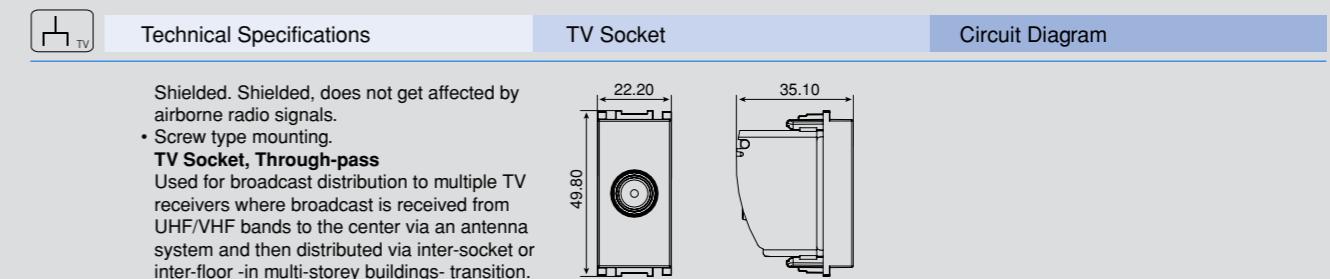
## Technical Drawings and Circuit Diagrams



| 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 |
| SAT IN-OUT (dB)         | ≤ 11.5 | ≤ 11.5  | ≤ 12    | ≤ 12.5   | ≤ 14    | ≤ 14    | ≤ 14.5  |
| TV IN-OUT (dB)          | ≤ 3.5  | ≤ 3.5   | ≤ 3.5   | ≤ 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 |
| SAT IN-OUT (dB)         | ≤ 3.5 | ≤ 3.5   | ≤ 3.5   | ≤ 3.5    | ≤ 3.5   | ≤ 3.5   | ≤ 3.5   |

## Technical Drawings and Circuit Diagrams



## Technical Drawings and Circuit Diagrams

|  Technical Specifications  | Motion Detector | Circuit Diagram |
|---|-----------------|-----------------|
| <ul style="list-style-type: none"> <li>• 230V~, 50/60Hz</li> <li>• 120° horizontal sensing angle</li> <li>• Time setting from 10 seconds to 20 minutes</li> <li>• Operating temperature 0°C...+35°C</li> <li>• Assembly height between 1m and 2m</li> <li>• Suitable for usage with loads at the range of 50W/VA - 300W/VA</li> <li>• Daylight setting between 5 lux - 250 lux values</li> <li>• Not for use with LED, Fluorescent or CFL type Lamps</li> </ul> |                 |                 |

|  Technical Specifications | Buzzer | Circuit Diagram |
|--|--------|-----------------|
| <ul style="list-style-type: none"> <li>• 230V~, 50/60Hz</li> <li>• 85dB minimum sound volume</li> </ul>    |        |                 |

|  Technical Specifications  | Energy Saver Mechanical Switch 230V | Circuit Diagram |
|---|-------------------------------------|-----------------|
| <ul style="list-style-type: none"> <li>• When a proper card is inserted into Energy Saver reader slot, it sends energy to relay coils to activate the electricity in the room.</li> <li>• When the card is removed from the slot, room electricity is cut within 15±3 seconds. When the card is inserted into its slot, pilot lighting LED goes off.</li> <li>• 250V~ operating voltage</li> <li>• 0.5A maximum switching current</li> <li>• Minimum diameter of connection cable is 0.50mm<sup>2</sup>, maximum length is 25m</li> <li>• 15±3 seconds shutting down delay</li> <li>• Complies with standard EN60669-2-1</li> <li>• Suitable for usage with all card types</li> <li>• The product Energy Saver Mechanical Switch 220V can only be used with suitable contactors.</li> </ul> |                                     |                 |

## Technical Drawings and Circuit Diagrams

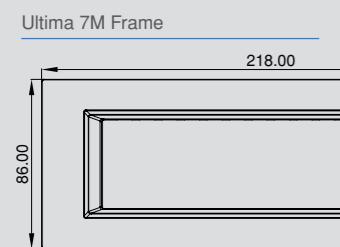
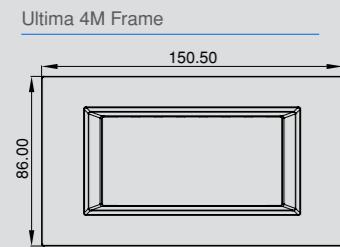
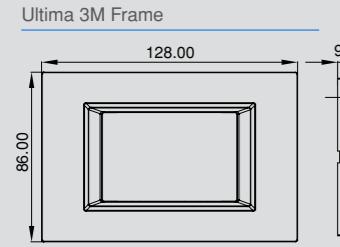
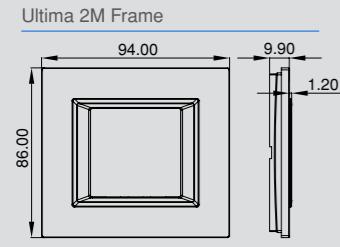
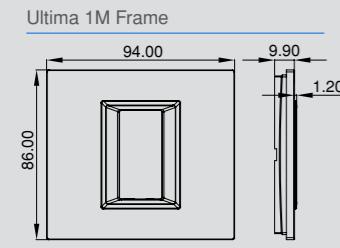
| Technical Specifications  | Do not Disturb/Make-up Room Indicator | Circuit Diagram |
|---|---------------------------------------|-----------------|
| <ul style="list-style-type: none"> <li>• 230V~</li> <li>• 2.5W power consumption</li> </ul> |                                       |                 |

| Technical Specifications  | Direction Indicator - Arrow | Circuit Diagram |
|---|-----------------------------|-----------------|
| <ul style="list-style-type: none"> <li>• 230V~</li> <li>• 5W power consumption</li> </ul> |                             |                 |

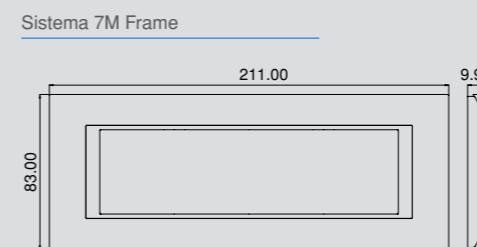
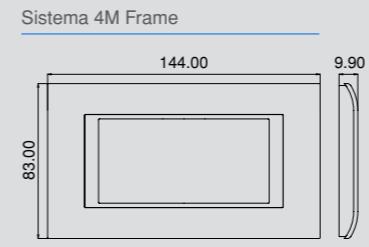
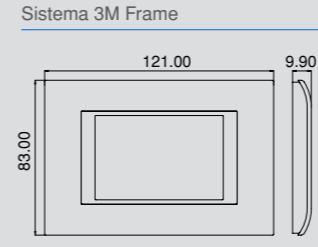
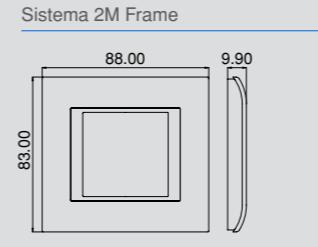
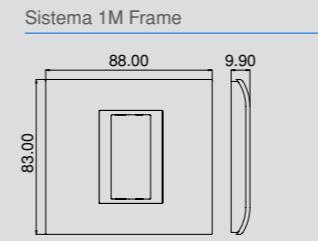
| Technical Specifications  | Direction Indicator - Exit | Circuit Diagram |
|---|----------------------------|-----------------|
| <ul style="list-style-type: none"> <li>• 230V~</li> <li>• 5W power consumption</li> </ul> |                            |                 |

| Technical Specifications  | Direction Indicator - Male/Female | Circuit Diagram |
|---|-----------------------------------|-----------------|
| <ul style="list-style-type: none"> <li>• 230V~</li> <li>• 5W power consumption</li> </ul> |                                   |                 |

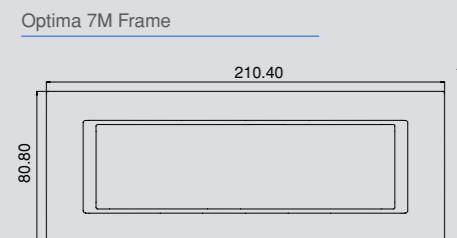
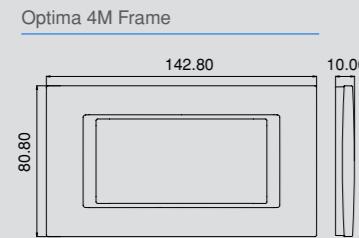
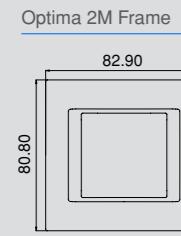
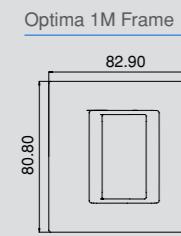
### Frame Dimensions



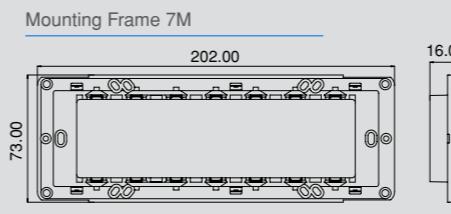
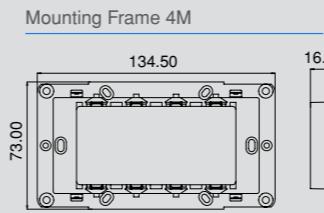
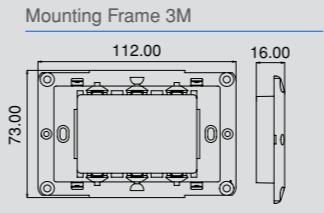
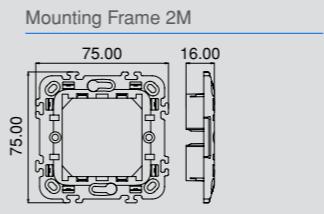
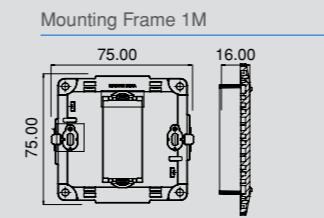
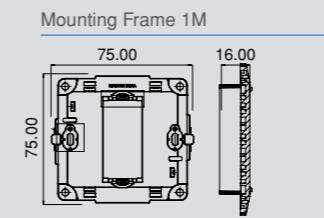
### Frame Dimensions



### Frame Dimensions



### Mounting Frame Dimensions



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