Panasonic
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...

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

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.

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

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.
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, 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
- Una

Ultima Metallic frames bringing qualification to furniture and accessories of modern environments catches the integrity in details.
Modern elegance is taking the center stage of living spaces with Ultima Eloxal frames.

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.
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.

Chrome Matt
Sistema Chrome Matt option leaves visible excesses out of frame.
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.
Optima style,
Optima simplicity
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.
Power of colors, decoration privileges

White

Beige

Metallic White
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

**Switch, Illuminated**
- Mechanism+Rocker 1M: WVTT1002-9
- Mechanism+Rocker 2M: WVTT2002-9

**Two-way Switch**
- Mechanism+Rocker 1M: WVTT1003-9
- Mechanism+Rocker 2M: WVTT2003-9

**Two-way Switch, Illuminated**
- Mechanism+Rocker 1M: WVTT1004-9
- Mechanism+Rocker 2M: WVTT2004-9

**Intermediate Switch**
- Mechanism+Rocker 1M: WVTT1005-9
- Mechanism+Rocker 2M: WVTT2005-9

**Intermediate Switch, Illuminated**
- Mechanism+Rocker 1M: WVTT1006-9
- Mechanism+Rocker 2M: WVTT2006-9

**2-pole Switch**
- Mechanism+Rocker 1M: WVTT1007-9
- Mechanism+Rocker 2M: WVTT2007-9

**2-pole Switch, Illuminated**
- Mechanism+Rocker 1M: WVTT1008-9
- Mechanism+Rocker 2M: WVTT2008-9

**One-way Push Button**
- Mechanism+Rocker 1M: WVTT1016-9
- Mechanism+Rocker 2M: WVTT2016-9

**Push Button, Illuminated**
- Mechanism+Rocker 1M: WVTT1017-9
- Mechanism+Rocker 2M: WVTT2017-9

**Push Button with Bell Symbol**
- Mechanism+Rocker 1M: WVTT1019-9
- Mechanism+Rocker 2M: WVTT2019-9

**Push Button with Bell Symbol, Illuminated**
- Mechanism+Rocker 1M: WVTT1020-9
- Mechanism+Rocker 2M: WVTT2020-9

*Rocker Color Alternatives*
- WH
- BG
Switches

**Shutter Control Switch**
Mechanism+Rocker 1M
WVTT1023-9
Mechanism+Rocker 2M
WVTT2023-9
10A, 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

Rocker/Cover Plate Color Alternatives

<table>
<thead>
<tr>
<th></th>
<th>WH</th>
<th>BG</th>
</tr>
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</table>

**Type of Terminals and Electrical Cables**

<table>
<thead>
<tr>
<th>Type of Terminals</th>
<th>Solid Wire</th>
<th>Stranded Wire</th>
<th>Flexible Wire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw Terminal</td>
<td>1,2,3,4 mm²</td>
<td>1,2,3,4 mm²</td>
<td>—</td>
</tr>
<tr>
<td>Screw Terminal</td>
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</tr>
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</table>
Sockets

**Socket 2P**
Mechanism+Cover Plate 1M
WVTT1211-9

- 16A, 250V~
- Screw Terminal, Child Protection

**Italian Type Socket**
Mechanism+Cover Plate 1M
WVTT1232-9

- 16A - 18A, 250V~
- Screw Terminal, Child Protection

**Euro-American Socket**
Mech. + Cover Plate 1M
WVTT1225-9

- 16A - 18A, 250V~
- Screw Terminal, Child Protection

**Socket 2P+E**
Mech. + Cover Plate 2M
WVTT2212-9

- 16A, 250V~
- Screw Terminal, Child Protection

**Socket 2P+E with Lid**
Mechanism+Cover Plate 2M
WVTT2210-9

- 16A, 250V~
- Screw Terminal, Child Protection

**Socket 2P+E (British Type)**
Mechanism+Cover Plate 2M
WVTT2226-9

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

**Combi Socket**
Mechanism+Cover Plate 2M
WVTT2204-9

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

**USB Charger**
Mechanism+Cover Plate 2M
WVTT2231-9

- 2A, 230V~
- Screw Terminal

**Shaver Socket**
Mechanism+Cover Plate 3M
WVTT3233-9

- 20VA, 110 / 230V~
- Screw Terminal

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Cover Plate Color Alternatives

WH | BG
---|---

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Type of Terminals and Electrical Cables

<table>
<thead>
<tr>
<th>Type of Terminal</th>
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<th>Flexible Wire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw Terminal</td>
<td>1.5-2.5mm²</td>
<td>1.0-2.5mm²</td>
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</tbody>
</table>
Data and Television Sockets

<table>
<thead>
<tr>
<th>Socket Type</th>
<th>Mechanism+Cover Plate 1M</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Socket (CAT3)</td>
<td></td>
<td>WVTT1402-9</td>
</tr>
<tr>
<td>British Type Phone Jack</td>
<td></td>
<td>WVTT1418-9</td>
</tr>
<tr>
<td>TV Socket, Terminated</td>
<td></td>
<td>WVTT1451-9</td>
</tr>
<tr>
<td>SAT Socket, Terminated</td>
<td></td>
<td>WVTT1458-9</td>
</tr>
<tr>
<td>TV Socket, Through-pass</td>
<td></td>
<td>WVTT1453-9 (8 dB)</td>
</tr>
<tr>
<td>SAT Socket, Through-pass (10 dB)</td>
<td></td>
<td>WVTT1459-9</td>
</tr>
<tr>
<td>USB Connector</td>
<td></td>
<td>WVTT1419-9</td>
</tr>
<tr>
<td>Data Socket (CAT5)</td>
<td></td>
<td>WVTT1404-9</td>
</tr>
<tr>
<td>TV Socket, Through-pass</td>
<td></td>
<td>WVTT1454-9 (12 dB)</td>
</tr>
<tr>
<td>Data Socket (CAT6)</td>
<td></td>
<td>WVTT1405-9</td>
</tr>
</tbody>
</table>

Cover Plate Color Alternatives

- WH (White)
- BG (Beige)
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 (8 dB)
  - WVTT2461-9 (11 dB)

Multimedia Sockets

- **HDMI Connector**
  - 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
<table>
<thead>
<tr>
<th>Electronic Products</th>
<th>Motion Detector</th>
<th>Buzzer (Ding-Dong)</th>
<th>Hotel DND/MUR Switch</th>
<th>Do not Disturb/Make-up Room Indicator</th>
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<tbody>
<tr>
<td>Analog Thermostat</td>
<td>Mechanism+Cover Plate 2M</td>
<td>Mechanism+Cover Plate 1M</td>
<td>Mechanism+Cover Plate 2M</td>
<td>Mechanism+Cover Plate 2M</td>
</tr>
<tr>
<td>WVTT2541-9</td>
<td>WVTT1550-9</td>
<td>WVTT1704-9</td>
<td>WVTT2014-9</td>
<td>WVTT2705-9NC</td>
</tr>
<tr>
<td>230V~</td>
<td>230V~ 1100W/VA</td>
<td>230V~ 25mA</td>
<td>16AX, 250V~ Scree Terminal</td>
<td>230V~, 2.5W Power Consumption</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cover Plate Color Alternatives</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WH</td>
<td>BG</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Direction Indicators

**Orientation Lamp - White**
Mechanism+Cover Plate 2M
WVTT2724-9WH

230V~, 2.5W Power Consumption

**Orientation Lamp - Red**
Mechanism+Cover Plate 2M
WVTT2724-9RD

230V~, 2.5W Power Consumption

**Orientation Lamp - Green**
Mechanism+Cover Plate 2M
WVTT2724-9GR

230V~, 2.5W Power Consumption

**Orientation Lamp - Blue**
Mechanism+Cover Plate 2M
WVTT2724-9BU

230V~, 2.5W Power Consumption

**Direction Indicator - Arrow**
Mechanism+Cover Plate 2M
WVTC0707-9NC

230V~, 2.5W Power Consumption

**Direction Indicator - Warning**
Mechanism+Cover Plate 2M
WVTC0709-9NC

230V~, 2.5W Power Consumption

**Direction Indicator - Exit**
Mechanism+Cover Plate 2M
WVTC0710-9NC

230V~, 2.5W Power Consumption

**Direction Indicator - Male/Female**
Mech. + Cover Plate 2M
WVTC0718-9NC (M)
WVTC0719-9NC (F)

230V~, 2.5W Power Consumption

230V~, 2.5W Power Consumption
## Panasonic

### Switches (Mechanism and Rockers)

<table>
<thead>
<tr>
<th>Switch</th>
<th>Mechanism</th>
<th>Rocker 1M</th>
<th>Rocker 2M</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WVTM1001-9NC</td>
<td>WVTR1001-4</td>
<td>WVTR2001-4</td>
</tr>
<tr>
<td></td>
<td>WVTM1049-9NC (250V~)</td>
<td>WVTR2004-4</td>
<td>WVTR2004-4</td>
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### Two-way Switch

<table>
<thead>
<tr>
<th>Mechanism</th>
<th>Rocker 1M</th>
<th>Rocker 2M</th>
</tr>
</thead>
<tbody>
<tr>
<td>WVTM1003-9NC</td>
<td>WVTR1003-4</td>
<td>WVTR2003-4</td>
</tr>
</tbody>
</table>

### Intermediate Switch

<table>
<thead>
<tr>
<th>Mechanism</th>
<th>Rocker 1M</th>
<th>Rocker 2M</th>
</tr>
</thead>
<tbody>
<tr>
<td>WVTM1005-9NC</td>
<td>WVTR1005-4</td>
<td>WVTR2005-4</td>
</tr>
</tbody>
</table>

### Two-way Switch, Illuminated

<table>
<thead>
<tr>
<th>Mechanism</th>
<th>Rocker 1M</th>
<th>Rocker 2M</th>
</tr>
</thead>
<tbody>
<tr>
<td>WVTM1004-9NC (250V~)</td>
<td>WVTR1004-4</td>
<td>WVTR2004-4</td>
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### Intermediate Switch, Illuminated

<table>
<thead>
<tr>
<th>Mechanism</th>
<th>Rocker 1M</th>
<th>Rocker 2M</th>
</tr>
</thead>
<tbody>
<tr>
<td>WVTM1006-9NC</td>
<td>WVTR1006-4</td>
<td>WVTR2006-4</td>
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### 2-pole Switch

<table>
<thead>
<tr>
<th>Mechanism</th>
<th>Rocker 1M</th>
<th>Rocker 2M</th>
</tr>
</thead>
<tbody>
<tr>
<td>WVTM1043-9NC</td>
<td>WVTR1001-4</td>
<td>WVTR2001-4</td>
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</tbody>
</table>

### 2-pole Switch, Illuminated

<table>
<thead>
<tr>
<th>Mechanism</th>
<th>Rocker 1M</th>
<th>Rocker 2M</th>
</tr>
</thead>
<tbody>
<tr>
<td>WVTM1044-9NC</td>
<td>WVTR1002-4</td>
<td>WVTR2002-4</td>
</tr>
</tbody>
</table>

### Switch Color Alternatives

| MW | BL | DG | AN | DI |

### Type of Terminals and Electrical Cables

<table>
<thead>
<tr>
<th>Type of Terminals</th>
<th>Solid Wire</th>
<th>Stranded Wire</th>
<th>Flexible Wire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw Terminal</td>
<td>1.2x2.5mm²</td>
<td>1.2x3.5mm²</td>
<td>—</td>
</tr>
</tbody>
</table>

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Switches (Mechanism and Rockers)

One-way Push Button
Mechanism
WVTM1016-9NC
Rocker 1M
WVTR1061-4
Rocker 2M
WVTR2016-4

Push Button with Bell Symbol
Mechanism
WVTM1016-9NC
Rocker 1M
WVTR1019-4
Rocker 2M
WVTR2019-4

Push Button with Key Symbol
Mechanism
WVTM1016-9NC
Rocker 1M
WVTR1018-4
Rocker 2M
WVTR2018-4

Shutter Control Switch
Mechanism
WVTM1023-9NC
Rocker 1M
WVTR1023-4
Rocker 2M
WVTR2023-4

One-way Push Button, Illuminated
Mechanism
WVTM1017-9NC (250V~)
WVTM1048-9NC (24V)
Rocker 1M
WVTR1017-4
Rocker 2M
WVTR2017-4

Push Button with Bell Symbol, Illuminated
Mechanism
WVTM1020-9NC
Rocker 1M
WVTR1020-4
Rocker 2M
WVTR2020-4

Push Button with Key Symbol, Illuminated
Mechanism
WVTM1017-9NC
Rocker 1M
WVTR1021-4
Rocker 2M
WVTR2021-4

Shutter Control Push Button
Mechanism
WVTM1045-9NC
Rocker 1M
WVTR1045-4
Rocker 2M
WVTR2045-4

16A, 250V~ Screw Terminal
16A, 250V~ Screw Terminal
16A, 250V~ Screw Terminal
16A, 250V~ Screw Terminal
16A, 250V~ Screw Terminal
16A, 250V~ Screw Terminal
16A, 250V~ Screw Terminal
16A, 250V~ Screw Terminal
10AX, 250V~ Screw Terminal
10AX, 250V~ Screw Terminal
10AX, 250V~ Screw Terminal
10AX, 250V~ Screw Terminal
10AX, 250V~ Screw Terminal
10AX, 250V~ Screw Terminal
10AX, 250V~ Screw Terminal
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Rocker Color Alternatives
MW  BL  DG  AN  DR
Switches (Mechanism and Rockers)

Emergency Push Button with Cord
- Mechanism + Rocker 1M
  - WVTT1025-9

Cable Outlet
- Cover Plate 1M
  - WVTR1702-4

Dimmers

PRO Dimmer R 6-100W
- Mechanism + Cover Plate 1M
  - WVTT1520-9

PRO Dimmer R 20-300W
- Mechanism + Cover Plate 1M
  - WVTT1565-9

PRO Dimmer RC 20-300W
- Mechanism + Cover Plate 1M
  - WVTT1521-9

Rotary Dimmer 1-10V
- Mechanism + Cover Plate 2M
  - WVTT2527-9

Cover Plate/Rocker Color Alternatives
- MW
- BL
- DG
- AN
- DR

Type of Terminals and Electrical Cables
- Solid Wire
  - 16A, 250V~
  - 10A, 250V~
- Stripped Wire
  - 1.5-2.5mm²
  - 1.0-3.0mm²
- Flexible Wire
  - —
### Sockets (Mechanism and Rockers)

#### Socket 2P
- Mechanism + Cover Plate 1M
- WVTT1211-9
- 16A, 250V~
- Screw Terminal, Child Protection

#### Italian Type Socket
- Mechanism + Cover Plate 1M
- WVTT1232-9
- 13A, 16A, 250V~
- Screw Terminal, Child Protection

#### Euro-American Socket
- Mech. + Cover Plate 1M
- WVTT1230-9
- 13A, 16A, 250V~
- Screw Terminal, Child Protection

#### Socket 2P+E
- Mech. + Cover Plate 2M
- WVTT2222-9
- 16A, 250V~
- Screw Terminal, Child Protection
- Mech. + Cover Plate 2M
- WVTT2212-9 RD

#### Socket 2P+E with Lid
- Mechanism + Cover Plate 2M
- WVTT2210-9
- 16A, 250V~
- Screw Terminal, Child Protection

#### Socket 2P+E (French Standard)
- Mechanism + Cover Plate 2M
- WVTT2213-9
- 16A, 250V~
- Screw Terminal, Child Protection

#### Socket 2P+E (British Type)
- Mechanism + Cover Plate 2M
- WVTT2226-9
- 6A - 10A - 13A, 250V~
- Screw Terminal, Child Protection

#### Combi Socket
- Mechanism + Cover Plate 2M
- WVTT2224-9
- 13A - 16A, 250V~
- Screw Terminal, Child Protection

#### USB Charger
- Mechanism + Cover Plate 2M
- WVTT2231-9
- 2A, 230V~
- Screw Terminal

#### Shaver Socket
- Mechanism + Cover Plate 3M
- WVTT3233-9
- 20VA, 110 / 230V~
- Screw Terminal

### Cover Plate Color Alternatives

<table>
<thead>
<tr>
<th>Color</th>
<th>MW</th>
<th>BL</th>
<th>DG</th>
<th>AN</th>
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<th>Stranded Wire</th>
<th>Flexible Wire</th>
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## Data and Television Sockets

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<td><strong>USB Connector</strong></td>
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<td><strong>TV Socket, Terminated</strong></td>
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### Cover Plate Color Alternatives
- MW
- BL
- DG
- AN
- DR
**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**

**HDMI Connector**
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**

- BL
- DG
- AN
- DR

**Cover Plate Color Alternatives**

- MW
- BL
- DG
- AN
- DR
Electronic Products

**Analog Thermostat**
Mechanism+Cover Plate 2M
WVT2541-9

230V~, 1100 W/VA

**Motion Detector**
Mechanism+Cover Plate 1M
WVT1550-9

230V~, 1100 W/VA

**Buzzer (Ding-Dong)**
Mechanism+Cover Plate 1M
WVT1704-9

230V~, 25mA

---

**Energy Saver Mechanic Switch 5V**
Mechanism 2M
WVTM2577-9NC

5VDC, 150mA

**Energy Saver Mechanic Switch 5V**
Mechanism 3M
WVTM3577-9NC

5VDC, 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 Mechanic Switch 13,56 MHz RF**
Mechanism 2M
WVTM2575-9NC

5VDC, 150mA

**Energy Saver Mechanic Switch 13,56 MHz RF**
Mechanism 3M
WVTM3575-9NC

5VDC, 150mA

---

**Energy Saver Cover Plate**
Cover Plate 2M
WVTTR2721-4 (Optima) - (Sistema)

Available also in White and Beige colors.

**Energy Saver Cover Plate**
Cover Plate 3M
WVTTR2578-4 (Ultima)

Available also in White and Beige colors.

---

Cover Plate Color Alternatives

- MW
- BL
- DG
- AN
- BR
Electronic Products

Hotel DND/MUR Switch
Mechanism+Rocker 2M
WVTT2014-9

Do not Disturb/Make-up Room Indicator
Mechanism+Cover Plate 2M
WVTT2705-9NC

Direction Indicators

Orientation Lamp - White
Mechanism+Cover Plate 2M
WVTT2724-9WH

Orientation Lamp - Red
Mechanism+Cover Plate 2M
WVTT2724-9RD

Orientation Lamp - Green
Mechanism+Cover Plate 2M
WVTT2724-9GR

Orientation Lamp - Blue
Mechanism+Cover Plate 2M
WVTT2724-9BU

Direction Indicator - Arrow
Mechanism+Cover Plate 2M
WVTC0707-9NC

Direction Indicator - Warning
Mechanism+Cover Plate 2M
WVTC0709-9NC

Direction Indicator - Male/Female
Mech. + Cover Plate 2M
WVTC0718-9NC (M)

Direction Indicator - Exit
Mechanism+Cover Plate 2M
WVTC0710-9NC

Cover Plate Color Alternatives

- MW
- BL
- DG
- AN
- DR
## Mechanism/Rocker/Frame Alternatives

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## Cover Plate/Rocker Color Alternatives

- white (WH)
- beige (BG)
- metallic white (MW)
- black (BL)
- dark gray (DG)
- hard coal (AN)
- dore (DR)
Frame Color Alternatives

**Metallic**
- inox MI
- chrome MC
- gold MG
- una MU

**Glass**
- white GW
- light green GG
- clar red GC
- black GB

**Eloxal**
- silver AS
- bronze AR
- black AB

**Wooden**
- bamboo WB
- venge WV
- walnut WW

**Metallic**
- inox
- inox matted IM
- una UN
- una matted UN

**Chrome**
- chrome
- chrome matted CH

**Antique**
- antique AQ
- antique black AY

**Gold**
- gold GL
- gold black GS

**White**
- white WH

**Beige**
- beige BG

**Hard Coal**
- hard coal AN

**Dore**
- dore DR
## Ultima Frames

### Frames

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### Frame Codes

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## Sistema Frames

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# Frame Codes

## Frame Colors

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<td>WVTF1843-5UW</td>
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## Frame Colors

<table>
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<tr>
<th>Frame Colors</th>
<th>2X2M Frame</th>
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<th>4X2M Frame</th>
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<tbody>
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<td>Wooden - American Walnut</td>
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<td>Wooden - Bamboo</td>
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<td>Wooden - Venge</td>
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<tr>
<td>Aluminium - Bronze</td>
<td>WVTF1848-5CH</td>
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<td>Aluminium - Silver</td>
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<td>Glass - White</td>
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<td>Glass - Light Green</td>
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</table>
Optima Frames

Frames

2M Frame
WVTFO840-1

3M Frame - 1 Module
WVTFO841-1

3M Frame
WVTFO843-1

3M Frame - 2 Modules
WVTFO842-1

4M Frame
WVTFO844-1

7M Frame
WVTFO847-1

2x2M Frame
WVTFO848-1

3x2M Frame
WVTFO849-1

4x2M Frame
WVTFO850-1

IP55 Frame 3M
WVTFO860-1 WH/BG
# Frame Codes

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<td>WVTF0843-1DR</td>
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<td>WVTF0843-1DG</td>
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<tr>
<td>Metallic White</td>
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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.
Assembling for Wall Box

2pcs Wall Boxes or Deep and Extendable Wall Boxes

3pcs Wall Boxes or Deep and Extendable Wall Boxes

4pcs Wall Boxes or Deep and Extendable Wall Boxes

Order Codes and Product Name

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
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<tr>
<td>WVTC0730-4NC</td>
<td>Mounting Frame 2M</td>
<td>WVTC0737-4NC</td>
<td>Mounting Frame 2/3M with Claw</td>
</tr>
<tr>
<td>WVTC0731-4NC</td>
<td>Mounting Frame 2M - Hollow wall</td>
<td>WVTC0734-4NC</td>
<td>Mounting Frame 3M</td>
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<td>WVTC0732-4NC</td>
<td>Mounting Frame 2M - Metal</td>
<td>WVTC0735-4NC</td>
<td>Mounting Frame 4M</td>
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<td>WVTC0733-4NC</td>
<td>Mounting Frame 2/3M</td>
<td>WVTC0736-4NC</td>
<td>Mounting Frame 7M</td>
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Assembling for Hollow Wall Mounting Box

Order Codes and Product Name

- WVTC0784-4NC: 2M Wall Mount Box H.F. - Hollow Wall
- WVTC0785-4NC: 3M Wall Mount Box H.F. - Hollow Wall
- WVTC0786-4NC: 4M Wall Mount Box H.F. - Hollow Wall
- WVTC0787-4NC: 7M Wall Mount Box H.F. - Hollow Wall
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 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

- WVTC0780-4NC: 2M Wall Mount Box H.F.
- WVTC0781-4NC: 3M Wall Mount Box H.F.
- WVTC0782-4NC: 4M Wall Mount Box H.F.
- WVTC0783-4NC: 7M Wall Mount Box H.F.
technical specifications

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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

<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>Switch</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controls a lamp or a lamp group from a point.</td>
<td><img src="image1" alt="Technical Specifications" /></td>
<td><img src="image2" alt="Circuit Diagram" /></td>
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<tr>
<td>16AX, 250V~</td>
<td></td>
<td></td>
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<tr>
<td>One-way</td>
<td></td>
<td></td>
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<tr>
<td>Screw connection</td>
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<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>One-Way Switch, Illuminated</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controls a lamp or a lamp group from a point.</td>
<td><img src="image3" alt="Technical Specifications" /></td>
<td><img src="image4" alt="Circuit Diagram" /></td>
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<tr>
<td>16AX, 250V~</td>
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<td></td>
</tr>
<tr>
<td>One-way</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illuminated indicator</td>
<td></td>
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<td>Screw connection</td>
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<tr>
<th>Technical Specifications</th>
<th>Two-Way Switch</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controls a lamp or a lamp group from two different points.</td>
<td><img src="image5" alt="Technical Specifications" /></td>
<td><img src="image6" alt="Circuit Diagram" /></td>
</tr>
<tr>
<td>16AX, 250V~</td>
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<td></td>
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<tr>
<td>Two-way</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screw connection</td>
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<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>Two-Way Switch, Illuminated</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
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<td><img src="image7" alt="Technical Specifications" /></td>
<td><img src="image8" alt="Circuit Diagram" /></td>
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<td>16AX, 250V~</td>
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<tr>
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<td></td>
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<tr>
<td>Illuminated indicator</td>
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<td>Screw connection</td>
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<th>Technical Specifications</th>
<th>Intermediate Switch</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controls a lamp or a lamp group from more than two points.</td>
<td><img src="image9" alt="Technical Specifications" /></td>
<td><img src="image10" alt="Circuit Diagram" /></td>
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<tr>
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<td></td>
</tr>
<tr>
<td>Two-way</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screw connection</td>
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<tr>
<th>Technical Specifications</th>
<th>Intermediate Switch, Illuminated</th>
<th>Circuit Diagram</th>
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<tr>
<td>Controls a lamp or a lamp group from more than two points.</td>
<td><img src="image11" alt="Technical Specifications" /></td>
<td><img src="image12" alt="Circuit Diagram" /></td>
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<tr>
<td>Two-way</td>
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<tr>
<td>Illuminated indicator</td>
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<td>Screw connection</td>
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<th>Two-Pole Switch</th>
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<tbody>
<tr>
<td>Two poles enable simultaneous disconnection of switches, phase and neutral.</td>
<td><img src="image13" alt="Technical Specifications" /></td>
<td><img src="image14" alt="Circuit Diagram" /></td>
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<td>16AX, 250V~</td>
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<tr>
<td>Double pole, one-way</td>
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<tr>
<td>Screw connection</td>
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</tbody>
</table>

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 Drawings and Circuit Diagrams

Technical Specifications

Two-Pole Switch, Illuminated

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

Circuit Diagram

One-Way Push Button

- 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

Circuit Diagram

One-Way Push Button, Illuminated

- 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

Circuit Diagram

Push Button with Key Symbol

- Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.
- 10A, 250V~
- One-way
- Push button, instant trigger
- Screw connection

Circuit Diagram

Push Button with Bell Symbol

- Controls the door bell.
- 10A, 250V~
- One-way
- Push button, instant trigger
- Screw connection

Circuit Diagram

Push Button with Bell Symbol, Illuminated

- Controls the door bell.
- 10A, 250V~
- Push button, instant trigger
- Illuminated indicator
- Screw connection

Circuit Diagram

Shutter Control Switch

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

Circuit Diagram

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

Emergency Push Button with Cord

- Generates control signals for external trigger circuits such as building lights with automatic timer, motion detector or automated system.
- 10AX, 250V~
- One-way
- Push button, instant trigger
- Screw connection

Technical Specifications

Double One-way Push Button

- 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

- 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

- 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

- 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

- Operating temperature: +5°C...+35°C
- 0.6V..11V control voltage
- Control current 50mA
- Switching current 5AX
- Fuse 500mA
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>• 16A, 250V~</td>
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<tr>
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<tr>
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</table>
## Technical Drawings and Circuit Diagrams

### Technical Specifications

<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>Combi Socket</th>
<th>Circuit Diagram</th>
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<tbody>
<tr>
<td>• 6A-10A-13A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 2P+E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Child protection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Screw connection</td>
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<tr>
<th>Technical Specifications</th>
<th>USB Socket</th>
<th>Circuit Diagram</th>
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<tbody>
<tr>
<td>• 1A, 250V~</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 5VDC output voltage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Operating temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+10ºC…+55ºC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Child protection</td>
<td></td>
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</tr>
<tr>
<td>• Screw connection</td>
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<th>Technical Specifications</th>
<th>Shaver Socket</th>
<th>Circuit Diagram</th>
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<tbody>
<tr>
<td>• 230V~, 50/60Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 230V~/120V~ output voltage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 20VA maximum load</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• IP21 protection class</td>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>Phone Socket (RJ11)</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Connector structure complying with RJ11 standard has four contacts.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Two telephone lines can be connected.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Green and red wires are used for the 1st line, and yellow and black wires for the 2nd line.</td>
<td></td>
<td></td>
</tr>
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<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>Data Socket (RJ45)</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>• RJ45 connector complying with standards EIA/TIA 568 A and B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Pins on it have been marked according to both 568 A and 568 B standards.</td>
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<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>British Type Phone Socket</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Pins on it have been marked according to both 431A and 631A standards.</td>
<td></td>
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</tr>
</tbody>
</table>
Technical Specifications

**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.
- Frequency range (MHz): 5 MHz - 1000 MHz
- IN-OUT (dB): 3.5 - 3.5
- 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, 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.
- Frequency range (MHz): 5 MHz - 1000 MHz
- IN-OUT (dB): 1.6 - 1.7 - 1.8 - 2.0

**TV Socket, Lossless**

- Used with independent Internet, cable TV or satellite broadcasting systems, and independent antennas.
- Frequency range (MHz): 5 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

**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.
- Frequency range (MHz): 5 MHz - 1000 MHz
- IN-OUT (dB): 3.5 dB - 5 dB - 5 dB - 5 dB

**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**

- May also be used at the end of the shared antenna systems.
- Frequency range (MHz): 5 MHz - 1000 MHz
- IN-OUT (dB): 3.5 dB - 5 dB - 5 dB - 5 dB

**TV-SAT Socket, Lossless**

- 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 Socket Circuit Diagram**

- Frequency range (MHz): 5 MHz - 1000 MHz
- IN-OUT (dB): 3.5 - 3.5 - 3.5 - 3.5
- IN-TAP (dB): 1.7 - 1.8 - 1.9 - 1.5

**Technical Specifications**

**TV-SAT Socket Circuit Diagram**

- Frequency range (MHz): 5 MHz - 1000 MHz
- IN-OUT (dB): 3.5 - 3.5 - 3.5 - 3.5
- IN-TAP (dB): 1.7 - 1.8 - 1.9 - 1.5

**Technical Specifications**

**Satellite Socket with F Connector Circuit Diagram**

- Frequency range (MHz): 5 MHz - 1000 MHz
- IN-OUT (dB): 3.5 - 5 DB - 5 DB - 5 DB
- IN-TAP (dB): 3.5 dB - 3.5 dB - 3.5 dB - 3.5 dB

**Technical Specifications**

**Satellite Socket Circuit Diagram**

- Frequency range (MHz): 5 MHz - 1000 MHz
- IN-OUT (dB): 3.5 - 5 DB - 5 DB - 5 DB
- IN-TAP (dB): 3.5 dB - 3.5 dB - 3.5 dB - 3.5 dB
Technical Drawings and Circuit Diagrams

<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>HDMI Connector</th>
<th>Circuit Diagram</th>
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<table>
<thead>
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<th>Technical Specifications</th>
<th>VGA Connector</th>
<th>Circuit Diagram</th>
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<thead>
<tr>
<th>Technical Specifications</th>
<th>VGA Connector (PCB)</th>
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<th>Technical Specifications</th>
<th>RCA Connector</th>
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<thead>
<tr>
<th>Technical Specifications</th>
<th>Volume Control Switch with Transformer</th>
<th>Circuit Diagram</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>• 11-grade sound adjustment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 2VA transformer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Suitable for systems with line transformer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 4x100W speakers with line transformer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Suitable for deep cases</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Built-in relay unit for 100V sound systems and emergency announcements.</td>
<td></td>
</tr>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>Audio Channel Selection Switch</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• 5 channel selection</td>
<td></td>
</tr>
<tr>
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</table>

<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>Audio Socket</th>
<th>Circuit Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

- 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.

- 5 channel selection
- 11-grade sound adjustment
- 3-1200 Ω
- Suitable for shallow cases
- 5W speaker input
- 8Ω resistant volume control
Technical Specifications

**230V~, 50/60Hz**
- Maximum output current:
  - Changeover/normaly open contact NO: 10(4)A 230VAC
  - Changeover/normaly closed contact NC: 5(2)A 230VAC
- Temperature control range of ±1°C between +10°C…+30°C
- Shortest switching time 5 minutes
- Operating temperature 0°C…+30°C
- Complies with standards EN 60730-1 and EN 60730-2-9

**Technical Specifications**

**230V~, 50/60Hz**
- 180° horizontal sensing angle
- Time setting from 10 seconds to 20 minutes
- Operating temperature 0°C…+35°C
- Assembly height between 1m and 2m
- Suitable for usage with loads at the range of 50W/VA - 300W/VA
- Daylight setting between 5 lux - 250 lux values
- Not for use with LED, Fluorescent or CFL type Lamps

**Technical Specifications**

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

**Technical Specifications**

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

**Technical Specifications**

- 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±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 0.50mm², maximum length is 25m
- 15±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 Mechanical Switch 5V**

- 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±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 operating voltage
- 16A maximum switching current
- Minimum diameter of connection cable is 0,50mm², maximum length is 25m
- 15±3 seconds shutting down delay
- 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.

**Energy Saver 13,56 MHz RF**

- 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 operating voltage
- 16A maximum switching current
- Minimum diameter of connection cable is 0,50mm², maximum length is 25m
- 15±3 seconds shutting down delay
- 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**

- 230V–
- 2,5W power consumption

**Technical Specifications**

**Direction Indicator - Arrow**

- 230V–
- 2,5W power consumption
### Technical Drawings and Circuit Diagrams

<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th>Direction Indicator - Warning</th>
<th>Circuit Diagram</th>
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<tbody>
<tr>
<td>• 230V~</td>
<td></td>
<td></td>
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<tr>
<td>• 2.5W power consumption</td>
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<th>Technical Specifications</th>
<th>Direction Indicator - Exit</th>
<th>Circuit Diagram</th>
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<tbody>
<tr>
<td>• 230V~</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 2.5W power consumption</td>
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<th>Direction Indicator - Male/Female</th>
<th>Circuit Diagram</th>
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<tbody>
<tr>
<td>• 230V~</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 2.5W power consumption</td>
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</table>
Frame Dimensions

Sistema 2M Frame

Sistema 3M Frame

Sistema 4M Frame

Sistema 7M Frame

Sistema 2x2M Frame

Sistema 3x2M Frame

Sistema 4x2M Frame
Frame Dimensions

Optima 2M Frame

Optima 3M Frame

Optima 4M Frame

Optima 7M Frame

Optima 2x2M Frame

Optima 3x2M Frame

Optima 4x2M Frame

IP55 Frame
## Wall Box Dimensions

### Hallow Wall Box 2M

<table>
<thead>
<tr>
<th>Dimension</th>
<th>70.5</th>
<th>53.7</th>
</tr>
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<tbody>
<tr>
<td>Side View</td>
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<td><img src="image" alt="Side View" /></td>
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### Hallow Wall Box 3M

<table>
<thead>
<tr>
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<th>53.7</th>
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### Hallow Wall Box 4M

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<tr>
<th>Dimension</th>
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### Hallow Wall Box 7M

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<th>Dimension</th>
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### Wall Mount Box 2M

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### Wall Mount Box 3M

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### Wall Mount Box 4M

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<tbody>
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### Wall Mount Box 7M

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<thead>
<tr>
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<tbody>
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<td>Side View</td>
<td><img src="image" alt="Side View" /></td>
<td><img src="image" alt="Side View" /></td>
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</tbody>
</table>
Mounting Frame Dimensions

Mounting Frame 2M

Mounting Frame 3M

Mounting Frame 4M

Mounting Frame 7M

Metal Mounting Frame 2M
New pop-up solutions for mobile devices

Meet new pop-up solutions offering the most advanced Panasonic technology developed for use on tables and floors. New pop-up products in connection of your laptops, mobile phones, tablet PCs, small house appliances, professional hand tools or other mobile devices make the reliable usage, speed and convenience you seek a part of your life in office, hotel or shopping malls.
Easy to use, elegant, stylish and ergonomic design
New Panasonic pop-up products designed with Silver and Golden color options as to comply with decorations of office, hotel and shopping malls on table and floor bring the priorities of users to the design concept.

First technology and functionality
Thea series modules customized with 3M and 4M options are together available on Panasonic pop-up products.

Slow or fast opening cover with a single touch
You just need to touch on a single pushbutton to open your Panasonic pop-up products slowly or fast through which you will combine Panasonic quality and technology with your mobile devices without any problem.

Options equipped with Thea modules
Pop-up products meeting the needs of users as pre-equipped with Thea modules provide ease of placing order through a single code and also has the possibility to design for the purpose of customization with Thea modules suitable for expectations when desired.

New Panasonic Pop-up sockets for table and floor
- 120 x 120 and 120 x 140 / 5 mm elegant and decorative form
- 3M and 4M options offered with Silver and Golden color alternatives
- Designs combined with Thea modules
- Tailor-made combined solutions with a single order number
- Easy to use, easy to place order
- Fast or slow opening cover with pushbutton
- Comfortable assembly privilege on table or floor
- Advanced Panasonic technology and quality