

# Panasonic

## THEA MODULAR CATALOGUE



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and discover  
**our renewed website**



# Panasonic Thea Modular So modular, so popular!

Index

Modular Introduction



OPTIMA



SISTEMA



ULTIMA



SLENDATA

New



## Thea Modular Series Designed for Different Needs

Thea Modular Series offers all the advantages of a modular system. With distinct design approaches, Thea Ultima, Thea Sistema, Thea Slenda, and Thea Optima meet a wide range of expectations through frame options of up to 7M, a broad selection of accessories, and halogen-free mounting box alternatives. Combining aesthetics and functionality, the series adds value to modern living spaces.



More  
function  
more design

Thea  
Modular



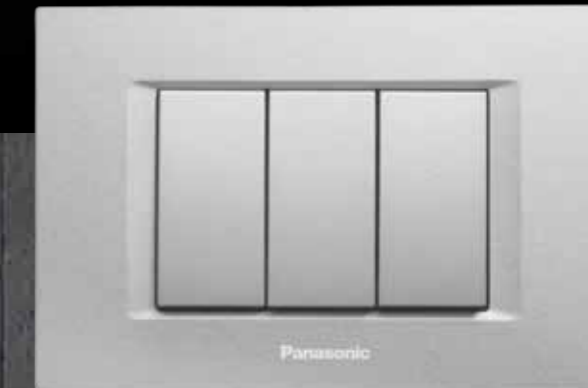
Thea  
ultima



Thea  
Slenda



Thea  
sistema



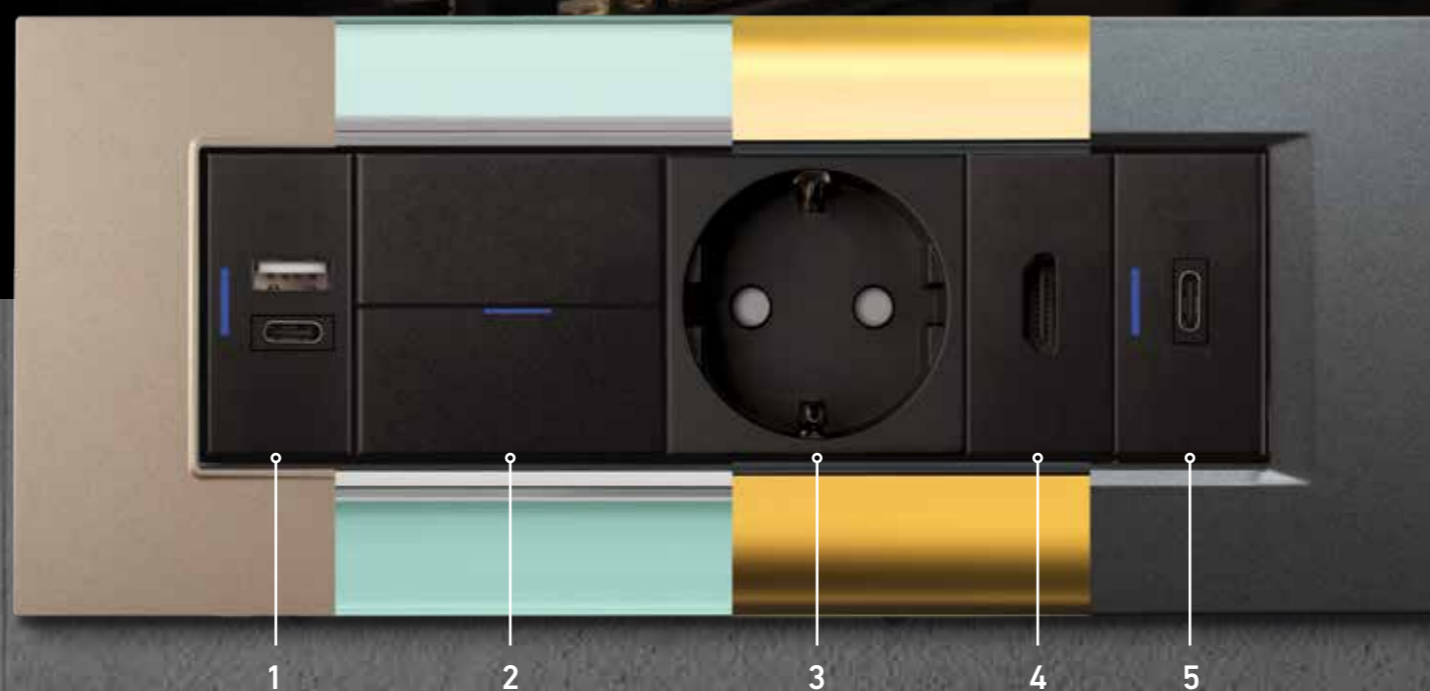
Thea  
optima



Thea Modular series brings the advantages of modular systems to users. With modular mechanisms available in different forms through Thea Ultima, Thea Sistema, Thea Slenda and Thea Optima, the Thea Modular series provides freedom of choice for every living space.

# Connect to the technology with modular series

Thea Modular



Thea Modular brings together essential power, charging, lighting, and connection solutions for contemporary interiors. From fast USB charging to lighting control and multimedia connectivity, the series is designed to simplify daily use while maintaining a clean and modern appearance.

**1 Thea Modular A+C Type 5V-3A 15W Charging Socket**

Thea Modular A+C Type 5V-3A 15W Charging Socket offers adapter-free charging for home, hotel, and office applications. It allows two devices to be charged simultaneously via USB-A and USB-C outputs. With its wall-mounted design and 15W total power output, it provides a practical and organized charging solution.

**2 Thea Modular Universal Dimmer**

Thea Modular Universal Dimmer provides flexible lighting control for different types of dimmable LED lamps. Selectable leading edge and trailing edge operating modes ensure compatibility with various load types. Adjustable minimum and maximum dim levels help achieve balanced and comfortable lighting performance.

**3 Thea Modular Earthed Socket**

Thea Modular Earthed Socket provides a safe and reliable power connection for residential and commercial spaces.

Its grounded design enhances electrical safety while maintaining the modern appearance of the Thea Modular series. A practical solution for everyday power requirements.

**4 Thea Modular HDMI Connector**

Thea Modular HDMI Connector brings comfort and order to audio and video connections in various applications. It enables easy connection to televisions, computers, or projection devices from a single wall-mounted point. By eliminating visible cables, it supports a cleaner and more organized environment.

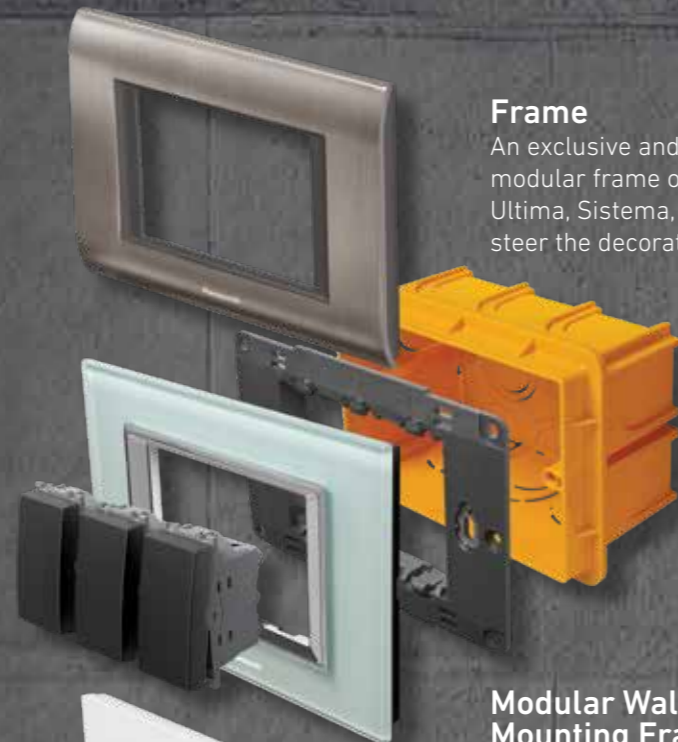
**5 Thea Modular C Type 5V-3A 18W PD Charging Socket**

Thea Modular C Type 5V-3A 18W PD Charging Socket enables fast and efficient charging via a single USB-C output. With Power Delivery technology, it automatically adjusts the output according to the connected device. It eliminates the need for adapters while providing a modern and reliable charging solution.

# A forward-looking perspective on modular design

**Thea**  
Modular

**Thea**  
sistema



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

**Thea**  
ultima



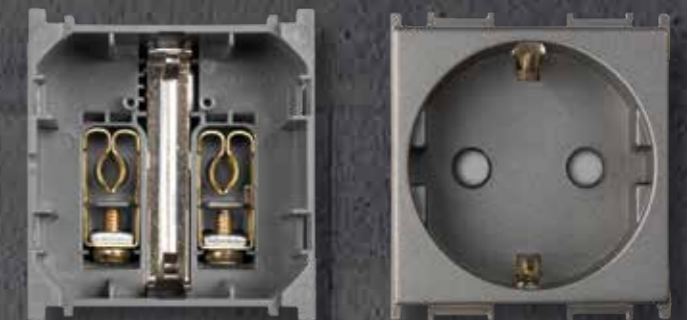
**2M Mounting Frames**  
Metal mounting frames ensure additional strength compared to regular mounting frames for challenging assembly conditions. Complying with drywall and flush-mounted cases, the design is developed for high-performance operation of all modular products.

**Thea**  
optima



**Modular Wallbox and Mounting Frames**  
Halogen-free modular boxes are suitable for concrete walls and drywall, and the compatible mounting frames ensure a flawless finish for the modular series.

**2M Earthed Socket**  
16A, 250V double pole and earthing contact, safety shutter, screw connection.

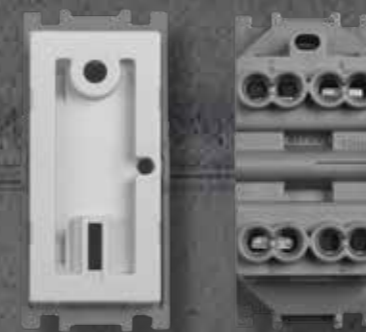


**Thea**  
Slenda



**Cover Plate / Rocker**  
Switching modules in different colors are combined in Italian style, offering an ideal solution for those who have difficulty choosing.

**Modular Mechanism**  
Modular mechanisms developed for switches, sockets, TV/DATA, dimmers, and electronic applications provide maximum user satisfaction.



**1M Switch Mechanism**  
Modular mechanisms with screw connection suitable for 16AX, 250V.

Thea  
ultima

Chasing  
your dreams



Thea Ultima brings your design vision to life with a wide range of frame colors and material options. Make room for the convenience of using switches, dimmers, sockets, TV, satellite, and data modules together within elegant, eye-catching frames.

Thea  
ultima

# Modular design's outstanding colors

## Glass



White



Light Green



Black



Claret Red

Ultima offers white, light green, black, and claret red alternatives for those who appreciate the Italian elegance of glass.

## Metallic



Gold



Chrome



Inox

Every detail shines with Ultima Metallic frames, enhancing the elegance of modern spaces.

## Eloxal



Silver



Bronze



Black

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

## Wooden



Bamboo



Walnut



Wenge

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



Thea  
sistema

For most impressive  
decorations



Panasonic



Metropolitan life continues to steer the decorations considered for living spaces. Thea Sistema, offering the 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 reflect the power of zamak alloy and determine the preferences with the Inox option.



**Inox Matt**

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



**Chrome**

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



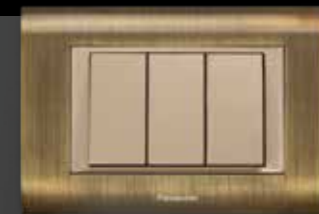
**Chrome Matt**

Sistema Chrome Matt option eliminates unnecessary details for a clean and refined look.



**Una**

Sistema accompanies those who believe every space should have a story with its Una frames.



**Antique**

Sistema Antique frames offer an elegant and inspiring option for those with refined taste.



**Gold**

Sistema Gold frames add a bright touch to living spaces and leave a lasting impression.



Thea  
Slenda



New

The slender elegance of Thea Slenda at your fingertips.

With its minimalist lines, Thea Slenda brings a touch of sophistication to any space. Offered in seven color options, Thea Slenda frames harmonize with any interior decor and are fully compatible with Thea modular mechanisms and KNX automation switches.

With its slim yet robust structure, it offers long-lasting durability.

**Feel the difference of perfect thinness with Thea Slenda!**





Black



Anthracite



Metallic White



Beige



White



Dark Grey



Dore



Slim Form



Surface Integration



Material Durability



Wide Range of Color Options



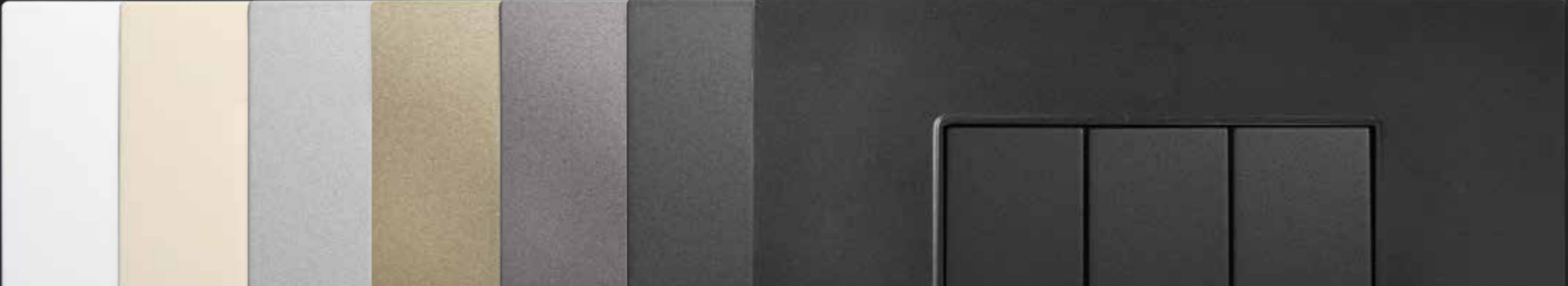
Modular Compatibility



Various Size Options



Compatibility with KNX Switches



Thea  
optima

Simplicity taking  
the first step



Panasonic



Simplicity takes the center stage with Optima, combining various switching modules. With dimmer products, TV, satellite, data socket solutions, and sockets with safety shutters, Optima exhibits its difference.

Thea  
optima

# Power of colors decoration privileges



White



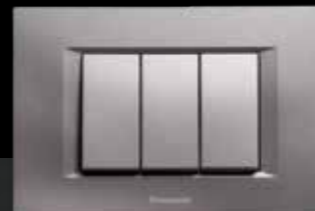
Beige



Metallic White



Dore



Anthracite

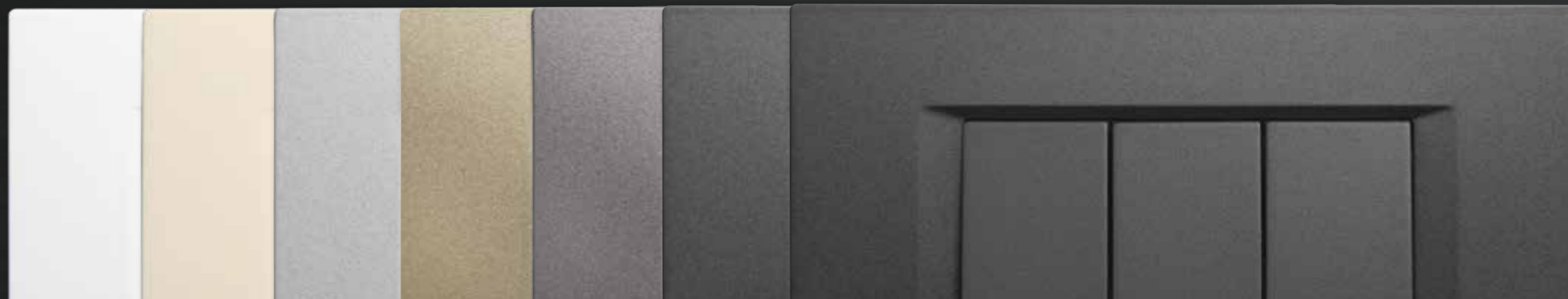


Dark Grey



Black

Optima reflects the elegance of modular design on everyday life with white, metallic white, beige, dore, anthracite, dark grey and black color options. Optima largely meets the expectations with modern colors for modern decorations. Each preferred Optima contributes to the happiness of its users.



# Modular SoftTouch

Naive with its design,  
elegant with its texture...



## Elegant touch for modular design

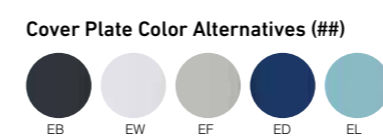
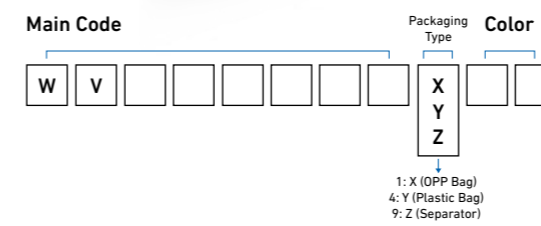
Panasonic Soft Touch Modular is inspired by the magnificent work "The Great Wave of Kanagawa" by Japanese artist Katsushika Hokusai and brings the nobility of art to the walls of your home with its night black, sea shell, sandstone, turquoise, and ocean color options, its soft texture and its modular structure that combines different uses. Naive in design, elegant in texture.



### Soft Touch

Code	Frame
WVTF0840X##	Panasonic Optima Soft Touch 2M Frame Without Logo <sup>1</sup>
WVTF0841X##	Panasonic Optima Soft Touch 1/3M Frame Without Logo <sup>1</sup>
WVTF0842X##	Panasonic Optima Soft Touch 2/3M Frame Without Logo <sup>1</sup>
WVTF0843X##	Panasonic Optima Soft Touch 3M Frame Without Logo <sup>1</sup>
WVTF0844X##	Panasonic Optima Soft Touch 4M Frame Without Logo <sup>1</sup>
WVTF0847X##	Panasonic Optima Soft Touch 7M Frame Without Logo <sup>1</sup>
WVTF0848X##	Panasonic Optima Soft Touch 2X2M Frame Without Logo <sup>1</sup>
WVTF0849X##	Panasonic Optima Soft Touch 3X2M Frame Without Logo <sup>1</sup>
WVTF0850X##	Panasonic Optima Soft Touch 4X2M Frame Without Logo <sup>1</sup>

Code	Button Covers
WVTR1001Y##	Panasonic Modular Soft Touch Switch Cover 1M <sup>1</sup>
WVTR1002Y##	Panasonic Modular Soft Touch Illuminated Switch Cover 1M <sup>1</sup>
WVTR1003Y##	Panasonic Modular Soft Touch Two Way Switch Cover 1M <sup>1</sup>
WVTR1004Y##	Panasonic Modular Soft Touch Illuminated Two-Way Switch Cover 1M <sup>1</sup>
WVTR1005Y##	Panasonic Modular Soft Touch Intermediate Switch Cover 1M <sup>1</sup>
WVTR1006Y##	Panasonic Modular Soft Touch Illuminated Intermediate Switch Cover 1M <sup>1</sup>
WVTR1013Y##	Panasonic Modular Soft Touch Double One Way Push Button Cover 1M <sup>1</sup>
WVTR1016Y##	Panasonic Modular Soft Touch Push Button with Light Symbol Cover 1M <sup>1</sup>
WVTR1017Y##	Panasonic Modular Soft Touch Illuminated Push Button with Light Symbol Cover 1M <sup>1</sup>



**Color Codes**

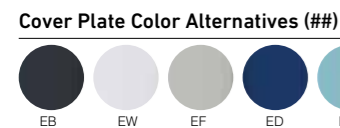
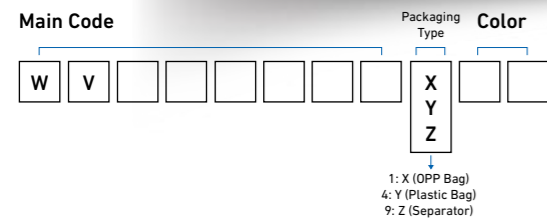
EB – Night  
EW – Sea Shell  
ED – Ocean  
EF – Sandstone  
EL – Turquoise

**X, Y and Z indicate the packaging type:**  
1: X (OPP Bag)  
4: Y (Plastic Bag)  
9: Z (Separator)

<sup>1</sup> Available Colors: EB, ED, EF, EL, EW  
<sup>2</sup> Available Colors: EB, ED, EF, EL  
<sup>3</sup> Available Colors: EW

Soft Touch

Code	Button Covers
WVTR1018Y##	Panasonic Modular Soft Touch Push Button with Key Symbol Cover 1M <sup>1</sup>
WVTR1019Y##	Panasonic Modular Soft Touch Push Button with Bell Symbol Cover 1M <sup>1</sup>
WVTR1020Y##	Panasonic Modular Soft Touch Illuminated Push Button with Bell Symbol Cover 1M <sup>1</sup>
WVTR1021Y##	Panasonic Modular Soft Touch Illuminated Push Button with Key Symbol Cover 1M <sup>1</sup>
WVTR1023Y##	Panasonic Modular Soft Touch Blind Control Switch Cover 1M <sup>1</sup>
WVTR1045Y##	Panasonic Modular Soft Touch Blind Control Push Button Cover 1M <sup>1</sup>
WVTR1402Y##	Panasonic Modular Soft Touch Single Phone Socket RJ11 CAT3 Cover 1M <sup>2</sup>
WVTR1404Y##	Panasonic Modular Soft Touch Data Socket RJ45 CAT5 Cover 1M <sup>2</sup>
WVTR1418Y##	Panasonic Modular Soft Touch Israel-English Type Phone Socket Cover 1M <sup>1</sup>
WVTR1701Y##	Panasonic Modular Soft Touch Blank Cover 1M <sup>1</sup>
WVTR1702Y##	Panasonic Modular Soft Touch Cable Outlet Cover 1M <sup>1</sup>
WVTR2001Y##	Panasonic Modular Soft Touch Switch Cover 2M <sup>1</sup>
WVTR2002Y##	Panasonic Modular Soft Touch Illuminated Switch Cover 2M <sup>1</sup>
WVTR2003Y##	Panasonic Modular Soft Touch Two-Way Switch Cover 2M <sup>1</sup>
WVTR2004Y##	Panasonic Modular Soft Touch Illuminated Two-Way Switch Cover 2M <sup>1</sup>
WVTR2005Y##	Panasonic Modular Soft Touch Intermediate Switch Cover 2M <sup>1</sup>
WVTR2006Y##	Panasonic Modular Soft Touch Illuminated Intermediate Switch Cover 2M <sup>1</sup>
WVTR2016Y##	Panasonic Modular Soft Touch Push Button with Light Symbol Cover 2M <sup>1</sup>
WVTR2017Y##	Panasonic Modular Soft Touch Illuminated Push Button with Light Symbol Cover 2M <sup>1</sup>
WVTR2018Y##	Panasonic Modular Soft Touch Push Button with Key Symbol Cover 2M <sup>1</sup>
WVTR2019Y##	Panasonic Modular Soft Touch Push Button with Bell Symbol Cover 2M <sup>1</sup>
WVTR2020Y##	Panasonic Modular Soft Touch Push Button with Bell Symbol Cover 2M <sup>1</sup>
WVTR2021Y##	Panasonic Modular Soft Touch Illuminated Push Button with Key Symbol Cover 2M <sup>1</sup>
WVTR2023Y##	Panasonic Modular Soft Touch Blind Control Switch Cover 2M <sup>1</sup>
WVTR2045Y##	Panasonic Modular Soft Touch Blind Control Push Button Cover 2M <sup>1</sup>
WVTR2578Y##	Panasonic Modular Soft Touch Energy Saver Cover Plate 2M (Ultima) <sup>1</sup>
WVTR2721Y##	Panasonic Modular Soft Touch Energy Saver Cover Plate 2M (Op-Sis) <sup>1</sup>
WVTR3721Y##	Panasonic Modular Soft Touch Energy Saver Cover Plate 3M <sup>1</sup>



**Color Codes**

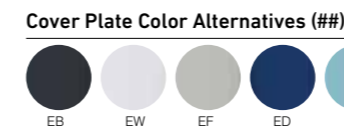
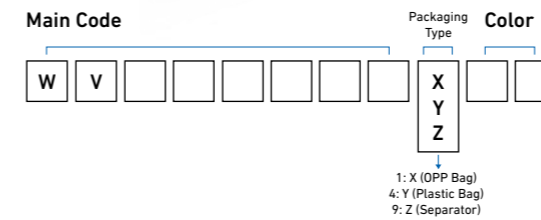
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<sup>1</sup> Available Colors: EB, ED, EF, EL, EW  
<sup>2</sup> Available Colors: EB, ED, EF, EL  
<sup>3</sup> Available Colors: EW

Soft Touch

Code	Complete Units (Mechanism + Button/Cover)
WVTT1001X/Z##	Panasonic Modular Soft Touch Switch Mechanism + Button 1M <sup>1</sup>
WVTT1002X/Z##	Panasonic Modular Soft Touch Illuminated Switch Mechanism + Cover 1M <sup>1</sup>
WVTT1003X/Z##	Panasonic Modular Soft Touch Two Way Switch Mechanism + Button 1M <sup>1</sup>
WVTT1004X/Z##	Panasonic Modular Soft Touch Illuminated Two Way Switch Mechanism + Button 1M <sup>1</sup>
WVTT1005X/Z##	Panasonic Modular Soft Touch Intermediate Switch Mechanism + Button 1M <sup>1</sup>
WVTT1006X/Z##	Panasonic Modular Soft Touch Illuminated Intermediate Switch Mechanism + Button 1M <sup>1</sup>
WVTT1007X/Z##	Panasonic Modular Soft Touch Two Pole Switch Mechanism + Button 1M 16AX <sup>1</sup>
WVTT1008X/Z##	Panasonic Modular Soft Touch Illuminated Two Pole Switch Mechanism + Button 1M 16AX <sup>1</sup>
WVTT1016X/Z##	Panasonic Modular Soft Touch Push Button with Light Symbol Mechanism + Button 1M <sup>1</sup>
WVTT1017X/Z##	Panasonic Modular Soft Touch Illuminated Push Button with Light Symbol Mechanism + Button 1M <sup>1</sup>
WVTT1019X/Z##	Panasonic Modular Soft Touch Push Button with Bell Symbol Mechanism + Button 1M <sup>1</sup>
WVTT1020X/Z##	Panasonic Modular Soft Touch Illuminated Push Button with Bell Symbol Mechanism + Button 230V 1M <sup>1</sup>
WVTT1023X/Z##	Panasonic Modular Soft Touch Blind Control Switch Mechanism + Button 1M <sup>1</sup>
WVTT1025Y/Z##	Panasonic Modular Soft Touch Emergency Push Button with Cord Mechanism + Cover 1M <sup>1</sup>
WVTT1045X/Z##	Panasonic Modular Soft Touch Blind Control Push Button Mechanism + Button 1M <sup>1</sup>
WVTT1046X/Z##	Panasonic Modular Soft Touch 24V Illuminated Push Button with Bell Symbol Mechanism + Button 1M <sup>1</sup>
WVTT1211Y/Z##	Panasonic Modular Soft Touch Socket with Safety Shutter Mechanism + Cover 1M <sup>1</sup>
WVTT1225Y/Z##	Panasonic Modular Soft Touch Euro-American Socket Mechanism + Cover 1M <sup>1</sup>
WVTT1230Y/Z##	Panasonic Modular Soft Touch Euro-American Socket with Safety Shutter Mechanism + Cover 1M <sup>1</sup>
WVTT1231Y/Z##	Panasonic Modular Soft Touch USB A+A Charging Socket Mechanism + Cover 1M 5V-2A <sup>1</sup>
WVTT1232Y/Z##	Panasonic Modular Soft Touch Italian Socket with Safety Shutter Mechanism + Cover 1M <sup>1</sup>
WVTT1402Y/Z##	Panasonic Modular Soft Touch Single Phone Socket RJ11 CAT3 Mechanism + Cover 1M <sup>1</sup>
WVTT1404Y/Z##	Panasonic Modular Soft Touch Data Socket RJ45 CAT5 Mechanism + Cover 1M <sup>1</sup>
WVTT1405Y/Z##	Panasonic Modular Soft Touch Data Socket RJ45 CAT6 Mechanism + Cover 1M <sup>1</sup>
WVTT1418Y/Z##	Panasonic Modular Soft Touch Israel-English Type Phone Socket 1M <sup>1</sup>



**Color Codes**

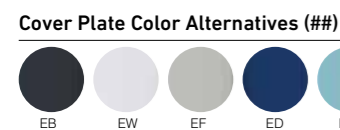
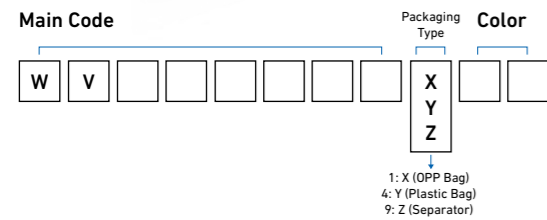
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<sup>2</sup> Available Colors: EB, ED, EF, EL  
<sup>3</sup> Available Colors: EW

Soft Touch

Code	Complete Units (Mechanism + Button/Cover)
WVTT1419Y/Z##	Panasonic Modular Soft Touch USB Connector Mechanism + Cover 1M <sup>1</sup>
WVTT1451Y/Z##	Panasonic Modular Soft Touch TV Socket Terminated Mechanism + Cover 1M <sup>1</sup>
WVTT1452Y/Z##	Panasonic Modular Soft Touch TV Socket Mechanism + Cover Through-pass 12 dB 1M <sup>1</sup>
WVTT1453Y/Z##	Panasonic Modular Soft Touch TV Socket Mechanism + Cover Through-pass 8 dB 1M <sup>1</sup>
WVTT1454Y/Z##	Panasonic Modular Soft Touch TV Socket Mechanism + Cover Lossless 1M <sup>1</sup>
WVTT1458Y/Z##	Panasonic Modular Soft Touch SAT Socket with F Connector Mechanism + Cover Terminated 1M <sup>1</sup>
WVTT1459Y/Z##	Panasonic Modular Soft Touch SAT Socket with F Connector Mechanism + Cover Through-pass 10 dB <sup>1</sup>
WVTT1460Y/Z##	Panasonic Modular Soft Touch TV-SAT Socket Terminated Mechanism + Cover 1M <sup>1</sup>
WVTT1470Z##	Panasonic Modular Soft Touch HDMI Connector Mechanism + Cover 1M <sup>1</sup>
WVTT1471Y/Z##	Panasonic Modular Soft Touch VGA Connector Mechanism + Cover 1M <sup>1</sup>
WVTT1472Y/Z##	Panasonic Modular Soft Touch RCA Connector Mechanism + Cover 1M <sup>1</sup>
WVTT1520Y/Z##	Panasonic Modular Soft Touch PRO Dimmer R 6-100W Mechanism + Cover 1M <sup>1</sup>
WVTT1521Y/Z##	Panasonic Modular Soft Touch PRO Dimmer RC 20-300W Mechanism + Button 1M <sup>1</sup>
WVTT1550Y/Z##	Panasonic Modular Soft Touch Motion Sensor Mechanism + Cover <sup>1</sup>
WVTT1560Y/Z##	Panasonic Modular Soft Touch Audio Socket Mechanism + Cover 1M <sup>1</sup>
WVTT1565Y/Z##	Panasonic Modular Soft Touch PRO Dimmer R 20-300W Mechanism + Cover 1M <sup>1</sup>
WVTT1704Y/Z##	Panasonic Modular Soft Touch Bell (Ding Dong) Mechanism + Button 1M <sup>1</sup>
WVTT2001X/Z##	Panasonic Modular Soft Touch Switch Mechanism + Button 2M <sup>1</sup>
WVTT2002X/Z##	Panasonic Modular Soft Touch Illuminated Switch Mechanism + Button 2M <sup>1</sup>
WVTT2003X/Z##	Panasonic Modular Soft Touch Two Way Switch Mechanism + Button 2M <sup>1</sup>
WVTT2004X/Z##	Panasonic Modular Soft Touch Illuminated Two Way Switch Mechanism + Button 2M <sup>1</sup>
WVTT2005X/Z##	Panasonic Modular Soft Touch Intermediate Switch Mechanism + Button 2M <sup>1</sup>
WVTT2006X/Z##	Panasonic Modular Soft Touch Illuminated Intermediate Switch Mechanism + Button 2M <sup>1</sup>
WVTT2007X/Z##	Panasonic Modular Soft Touch Two Pole Switch Mechanism + Button 2M 16AX <sup>1</sup>
WVTT2008X/Z##	Panasonic Modular Soft Touch Illuminated Two Pole Switch Mechanism + Cover 2M 16AX <sup>1</sup>



**Color Codes**

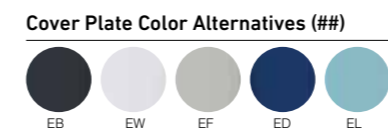
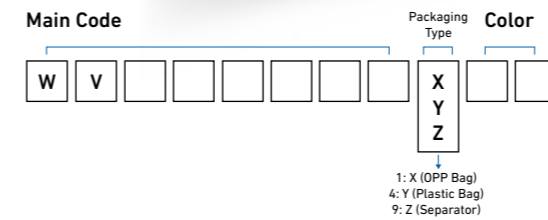
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<sup>2</sup> Available Colors: EB, ED, EF, EL  
<sup>3</sup> Available Colors: EW

Soft Touch

Code	Complete Units (Mechanism + Button/Cover)
WVTT2014Y/Z##	Panasonic Modular Soft Touch DND/MUR Indoor Unit English 220V Mechanism + Button <sup>1</sup>
WVTT2016X/Z##	Panasonic Modular Soft Touch Push Button with Light Symbol Mechanism + Button 2M <sup>1</sup>
WVTT2017X/Z##	Panasonic Modular Soft Touch Illuminated Push Button with Light Symbol Mechanism + Button 2M <sup>1</sup>
WVTT2019X/Z##	Panasonic Modular Soft Touch Push Button with Bell Symbol Mechanism + Button 2M <sup>1</sup>
WVTT2020X/Z##	Panasonic Modular Soft Touch Illuminated Push Button with Bell Symbol Mechanism + Button 230V 2M <sup>1</sup>
WVTT2023X/Z##	Panasonic Modular Soft Touch Blind Control Switch Mechanism + Button 2M <sup>1</sup>
WVTT2045X/Z##	Panasonic Modular Soft Touch Blind Control Push Button Mechanism + Button 2M <sup>1</sup>
WVTT2046X/Z##	Panasonic Modular Soft Touch 24V Illuminated Push Button with Bell Symbol Mechanism + Button 2M <sup>1</sup>
WVTT2210X/Z##	Panasonic Modular Soft Touch Earthed Socket with Lid 2M <sup>1</sup>
WVTT2212X/Z##	Panasonic Modular Soft Touch Earthed Socket 2M <sup>1</sup>
WVTT2213X/Z##	Panasonic Modular Soft Touch UPS Socket 2M <sup>1</sup>
WVTT2224Y/Z##	Panasonic Modular Soft Touch Universal (Combi) Socket 2M <sup>1</sup>
WVTT2226Y/Z##	Panasonic Modular Soft Touch British Type Socket 2M <sup>1</sup>
WVTT2231Y/Z##	Panasonic Modular Soft Touch USB-A+A Charging Socket 2M 5V-2A <sup>1</sup>
WVTT2327Y/Z##	Panasonic Modular Soft Touch Israel Type Socket 2M <sup>1</sup>
WVTT2460Y/Z##	Panasonic Modular Soft Touch TV-SAT Socket Terminated <sup>1</sup>
WVTT2461Y/Z##	Panasonic Modular Soft Touch TV-SAT Socket Through-pass 11 dB <sup>1</sup>
WVTT2462Y/Z##	Panasonic Modular Soft Touch TV-SAT Socket Through-pass 8 dB <sup>1</sup>
WVTT2527Y/Z##	Panasonic Modular Soft Touch Fluorescent Dimmer 1-10V 2M <sup>1</sup>
WVTT2529Y/Z##	Panasonic Modular Soft Touch Universal Dimmer 3-150W 2M <sup>1</sup>
WVTT2541Y/Z##	Panasonic Modular Soft Touch Analog Thermostat 2M <sup>1</sup>
WVTT2561Y/Z##	Panasonic Modular Soft Touch Volume Control Switch 2M <sup>1</sup>
WVTT2563Y/Z##	Panasonic Modular Soft Touch Audio Channel Selection Switch 2M <sup>1</sup>
WVTT2564Y/Z##	Panasonic Modular Soft Touch Emergency Audio Switch (with Transformer) 2M <sup>1</sup>
WVTT3233Y/Z##	Panasonic Modular Soft Touch Shaver Socket 2M <sup>1</sup>
WVTT3577Z##	Panasonic Modular Soft Touch Energy Saver Switch 3M <sup>3</sup>



**Color Codes**

EB – Night  
EW – Sea Shell  
ED – Ocean  
EF – Sandstone  
EL – Turquoise

**X, Y and Z indicate the packaging type:**  
1: X (OPP Bag)  
4: Y (Plastic Bag)  
9: Z (Separator)

<sup>1</sup> Available Colors: EB, ED, EF, EL, EW  
<sup>2</sup> Available Colors: EB, ED, EF, EL  
<sup>3</sup> Available Colors: EW

Switches (Mechanism and Rockers)

**Switch**

<b>Mechanism</b> ♦WVTM1001XNC	<b>Rocker 1M</b> WVTR10014 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20014 <input type="checkbox"/>
----------------------------------	--	--

16AX, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1001X##  
2M Mechanism+Cover: WVTT2001X##

**Illuminated Switch**

<b>Mechanism</b> ♦WVTM1002YNC (250V~) ♦WVTM10421NC (Red Illum.) ♦WVTM10471NC (24V) ♦WVTM10601NC (Neutral)	<b>Rocker 1M</b> WVTR10024 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20024 <input type="checkbox"/>
---	--	--

16AX, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1002X##  
2M Mechanism+Cover: WVTT2002X##

**Two Way Switch**

<b>Mechanism</b> ♦WVTM1003XNC	<b>Rocker 1M</b> WVTR10034 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20034 <input type="checkbox"/>
----------------------------------	--	--

16AX, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1003X##  
2M Mechanism+Cover: WVTT2003X##

**Illuminated Two Way Switch**

<b>Mechanism</b> ♦WVTM1004XNC (250V~) ♦WVTM1049XNC (24V)	<b>Rocker 1M</b> WVTR10044 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20044 <input type="checkbox"/>
--	--	--

16AX, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1004X##  
2M Mechanism+Cover: WVTT2004X##

**Intermediate Switch**

<b>Mechanism</b> ♦WVTM1005XNC	<b>Rocker 1M</b> WVTR10054 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20054 <input type="checkbox"/>
----------------------------------	--	--

16AX, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1005X##  
2M Mechanism+Cover: WVTT2005X##

**Illuminated Intermediate Switch**

<b>Mechanism</b> ♦WVTM1006XNC	<b>Rocker 1M</b> WVTR10064 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20064 <input type="checkbox"/>
----------------------------------	--	--

16AX, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1006X##  
2M Mechanism+Cover: WVTT2006X##

**Two Pole Switch**

<b>Mechanism</b> ♦WVTM1043XNC	<b>Rocker 1M</b> WVTR10014 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20014 <input type="checkbox"/>
----------------------------------	--	--

16AX, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1007X##  
2M Mechanism+Cover: WVTT2007X##

**Illuminated Two Pole Switch**

<b>Mechanism</b> ♦WVTM1044XNC	<b>Rocker 1M</b> WVTR10024 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20024 <input type="checkbox"/>
----------------------------------	--	--

16AX, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1008X##  
2M Mechanism+Cover: WVTT2008X##

**Cover Plate Color Alternatives (##)**

WH	BG	MW	BL	DG	AN	DR
----	----	----	----	----	----	----

X indicates packaging type: 1 = OPP bag, 9 = separator.  
Y indicates packaging type: 1 = OPP bag, 4 = plastic bag, 9 = separator.

**Type of Terminals and Electrical Cables**

♦Screw Connection  
Conductor Cross-Section : 1.5 - 4 mm<sup>2</sup>

♦♦Screw Connection  
Conductor Cross-Section : 1.5 - 2.5 mm<sup>2</sup>

Switches (Mechanism and Rockers)

**Push Button with Light Symbol**

<b>Mechanism</b> ♦WVTM1016XNC	<b>Rocker 1M</b> WVTR10164 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20164 <input type="checkbox"/>
----------------------------------	--	--

16A, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1016X##  
2M Mechanism+Cover: WVTT2016X##

**Illuminated Push Button with Light Symbol**

<b>Mechanism</b> ♦WVTM1017XNC (250V~) ♦WVTM1048XNC (24V)	<b>Rocker 1M</b> WVTR10174 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20174 <input type="checkbox"/>
--	--	--

16A, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1017X##  
2M Mechanism+Cover: WVTT2017X##

**Push Button with Bell Symbol**

<b>Mechanism</b> ♦WVTM1016XNC	<b>Rocker 1M</b> WVTR10194 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20194 <input type="checkbox"/>
----------------------------------	--	--

16A, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1019X##  
2M Mechanism+Cover: WVTT2019X##

**Illuminated Push Button with Bell Symbol**

<b>Mechanism</b> ♦WVTM1020XNC	<b>Rocker 1M</b> WVTR10204 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20204 <input type="checkbox"/>
----------------------------------	--	--

16A, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1020X##  
2M Mechanism+Cover: WVTT2020X##  
1M (24V) Mechanism + Cover: WVTT1046X##  
2M (24V) Mechanism + Cover: WVTT2046X##

**Push Button with Key Symbol**

<b>Mechanism</b> ♦WVTM1016XNC	<b>Rocker 1M</b> WVTR10184 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20184 <input type="checkbox"/>
----------------------------------	--	--

16A, 250V~  
Screw Terminal

**Illuminated Push Button with Key Symbol**

<b>Mechanism</b> ♦WVTM1017XNC	<b>Rocker 1M</b> WVTR10214 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20214 <input type="checkbox"/>
----------------------------------	--	--

16A, 250V~  
Screw Terminal

**Blind Control Switch**

<b>Mechanism</b> ♦WVTM1023XNC	<b>Rocker 1M</b> WVTR10234 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20234 <input type="checkbox"/>
----------------------------------	--	--

10AX, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1023X##  
2M Mechanism+Cover: WVTT2023X##

**Blind Control Push Button**

<b>Mechanism</b> ♦WVTM1045XNC	<b>Rocker 1M</b> WVTR10454 <input type="checkbox"/>	<b>Rocker 2M</b> WVTR20454 <input type="checkbox"/>
----------------------------------	--	--

10A, 250V~  
Screw Terminal

1M Mechanism+Cover: WVTT1045X##  
2M Mechanism+Cover: WVTT2045X##

**Cover Plate Color Alternatives (##)**

WH	BG	MW	BL	DG	AN	DR
----	----	----	----	----	----	----

X indicates packaging type: 1 = OPP bag, 9 = separator.

**Type of Terminals and Electrical Cables**


♦Screw Connection  
Conductor Cross-Section : 1.5 - 4 mm<sup>2</sup>

♦♦Screw Connection  
Conductor Cross-Section : 1.5 - 2.5 mm<sup>2</sup>


Switches (Mechanism and Rockers)

**Emergency Push Button with Cord**

Mechanism+Rocker 1M  
WVTT1025Z □□





16A, 250V~  
Screw Terminal




**Double One Way Push Button**

Mechanism  
\*WVTM1013XNC

Rocker 1M  
WVTR10134 □□






10A, 250V~  
Screw Terminal




**Blank Cover**

Cover Plate 1M  
WVTR17014 □□

**Cable Outlet**


Cover Plate 1M  
WVTR17024 □□




Dimmers

**PRO Dimmer R 6-100W**

Mechanism+Cover Plate 1M  
WVTT1520Z □□




230V~  
Screw Terminal




**PRO Dimmer R 20-300W**

Mechanism+Cover Plate 1M  
WVTT1565Z □□




230V~  
Screw Terminal




**PRO Dimmer RC 20-300W**

Mechanism+Cover Plate 1M  
WVTT1521Z □□




230V~  
Screw Terminal




**Rotary Dimmer 1-10V**

Mechanism+Cover Plate 2M  
WVTT2527Z □□




230V~  
Screw Terminal




**Universal Dimmer 3-150W**

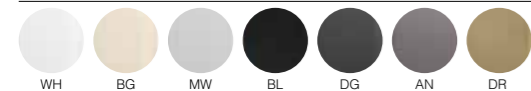
Mechanism+Cover Plate 2M  
WVTT2529Z □□



230V~  
Screw Terminal



Cover Plate Color Alternatives (##)



Z indicates packaging type: 4 = plastic bag, 9 = separator.  
X indicates packaging type: 1 = OPP bag, 9 = separator.


Type of Terminals and Electrical Cables

\*Screw Connection  
Conductor Cross-Section : 1.5 - 4 mm<sup>2</sup>  
\*\*Screw Connection  
Conductor Cross-Section : 1.5 - 2.5 mm<sup>2</sup>


Sockets (Mechanism and Rockers)

**Socket**

Mechanism+Cover Plate 1M  
\*\*WVTT1211Z □□




16A, 250V~  
Screw Terminal, Safety Shutter




**Italian Type Socket**

Mechanism+Cover Plate 1M  
\*\*WVTT1232Z □□





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



**Euro-American Socket**



Mech.+Cover Plate 1M  
\*\*WVTT1225Z □□

Mech.+Cover Plate 1M  
\*\*WVTT1230Z □□

13A - 16A, 250V~  
Screw Terminal



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


**Earthed Socket**

Mech.+Cover Plate 2M  
\*\*WVTT2212X □□

Mech.+Cover Plate 2M  
\*\*WVTT2212XRD





16A, 250V~  
Screw Terminal, Safety Shutter




**Earthed Socket with Lid**

Mechanism+Cover Plate 2M  
\*\*WVTT2210X □□




16A, 250V~  
Screw Terminal, Safety Shutter




**UPS Socket**

Mechanism+Cover Plate 2M  
\*\*WVTT2213X □□




16A, 250V~  
Screw Terminal, Safety Shutter




**British Type Socket**

Mechanism+Cover Plate 2M  
\*\*WVTT2226Z □□




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




**Universal (Combi) Socket**

Mechanism+Cover Plate 2M  
\*\*WVTT2224Z □□




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




**Israel Type Socket**

Mechanism+Cover Plate 2M  
\*\*WVTT2327Z □□





16A, 250V~  
Screw Terminal, Safety Shutter




**USB-A+A Charging Socket**

Mechanism+Cover Plate 2M  
\*\*WVTT2231Z □□ (2M) \*\*WVTT1246Z □□ (1M)





2A, 230V~  
Screw Terminal




**Shaver Socket**

Mechanism+Cover Plate 3M  
\*\*WVTT3233Z □□



20VA, 110 / 230V~  
Screw Terminal



\* Available in Opaque White, Metallic White, Black, Dark Grey, Anthracite and Dore colors

Cover Plate Color Alternatives (##)



Z indicates packaging type: 4 = plastic bag, 9 = separator.  
X indicates packaging type: 1 = OPP bag, 9 = separator.

Type of Terminals and Electrical Cables

\*Screw Connection  
Conductor Cross-Section : 1.5 - 4 mm<sup>2</sup>  
\*\*Screw Connection  
Conductor Cross-Section : 1.5 - 2.5 mm<sup>2</sup>

Sockets (Mechanism and Rockers)

**USB-C Charging Socket (18W PD)**  
 Mechanism+Cover Plate 1M  
 ♦♦WVTT1248Z □□

5V-3A

**USB-A+C Charging Socket (15W)**  
 Mechanism+Cover Plate 1M  
 ♦♦WVTT1247Z □□

5V-3A

Data and Television Sockets

**Single Phone Socket RJ11 CAT3**  
 Cover Plate 1M  
 WVTR14024 □□

1M Mechanism+Cover: WVTT1402Z##

**Data Socket RJ45 CAT5**  
 Cover Plate 1M  
 WVTR14044 □□

1M Mechanism+Cover: WVTT1404Z##

**Data Socket RJ45 CAT6**  
 Cover Plate 1M  
 WVTT1405Z □□

**Israel-English Type Phone Socket**  
 Cover Plate 1M  
 WVTR14184 □□

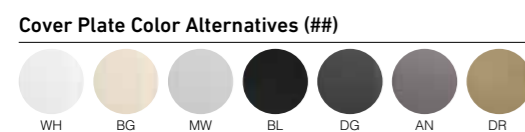
1M Mechanism+Cover: WVTT1418Z##

**USB Connector**  
 Mechanism+Cover Plate 1M  
 WVTT1419Z □□

**TV Socket Terminated**  
 Mechanism+Cover Plate 1M  
 WVTT1451Z □□  
 WVTT14744 □□ (Female)

**TV Socket Through-pass**  
 Mechanism+Cover Plate 1M  
 WVTT1453Z □□ (8 dB)  
 WVTT1452Z □□ (12 dB)

**TV Socket Lossless**  
 Mechanism+Cover Plate 1M  
 WVTT1454Z □□



Z indicates packaging type: 4 = plastic bag, 9 = separator.

Type of Terminals and Electrical Cables

- ♦Screw Connection  
 Conductor Cross-Section : 1.5 - 4 mm<sup>2</sup>
- ♦♦Screw Connection  
 Conductor Cross-Section : 1.5 - 2.5 mm<sup>2</sup>

Data and Television Sockets

**SAT Socket with F Connector Terminated**  
 Mechanism+Cover Plate 1M  
 WVTT1458Z □□

**SAT Socket with F Connector Through-pass (10 dB)**  
 Mechanism+Cover Plate 1M  
 WVTT1459Z □□

**TV-SAT Socket Terminated**  
 Mechanism+Cover Plate 1M  
 WVTT1460Z □□

**TV-SAT Socket Terminated**  
 Mechanism+Cover Plate 2M  
 WVTT2460Z □□

**TV-SAT Socket Through-pass**  
 Mechanism+Cover Plate 2M  
 WVTT2462Z □□ (8 dB)  
 WVTT2461Z □□ (11 dB)

Multimedia Sockets

**HDMI Connector**  
 Mechanism+Cover Plate 1M  
 WVTT1470Z □□

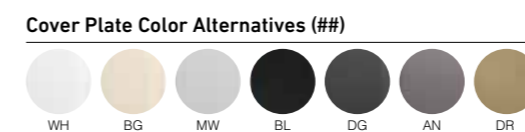
**VGA Connector**  
 Mechanism+Cover Plate 1M  
 WVTT1471Z □□  
 WVTT1473Z □□ (with Terminal)

**RCA Connector**  
 Mechanism+Cover Plate 1M  
 WVTT1472Z □□

**Volume Control Switch**  
 Mechanism+Cover Plate 2M  
 WVTT2561Z □□  
 WVTT2564Z □□ (with Transformer)

**Audio Channel Selection Switch**  
 Mechanism+Cover Plate 2M  
 WVTT2563Z □□


**Audio Socket**  
 Mechanism+Cover Plate 1M  
 WVTT1560Z □□




Z indicates packaging type: 4 = plastic bag, 9 = separator.


Electronic Products


**Analog Thermostat**  
**Mechanism+Cover Plate 2M**  
 WVTT2541Z




230V~  



**Motion Sensor**  
**Mechanism+Cover Plate 1M**  
 WVTT1550Z



230V~, 1100 W/VA  


**Bell (Buzzer/Ding Dong)**  
**Mechanism+Cover Plate 1M**  
 Ding Dong - WVTT1704Z    
 Buzzer - WVTT1703Z



230V~, 25mA  


**Energy Saver Mechanic Switch 5V**  
**Mechanism 2M**  
 WVTM2577ZNC



5V DC, 150mA  


**Energy Saver Mechanic Switch 5V**  
**Mechanism 3M**  
 WVTM3577ZNC



5V DC, 150mA  


**Energy Saver Mechanic Switch 230V**  
**Mechanism 2M**  
 WVTM2576ZNC



230V~, 150mA  


**Energy Saver Mechanic Switch 230V**  
**Mechanism 3M**  
 WVTM3576ZNC



230V~, 150mA  


**Energy Saver 13,56 MHz RF**  
**Mechanism 2M**  
 WVTM2579ZNC




5V DC, 150mA  


**Energy Saver 13,56 MHz RF**  
**Mechanism 3M**  
 WVTM3579ZNC




5V DC, 150mA  


**Energy Saver Cover Plate**  
**Cover Plate 2M**  
 WVTR27214   (Optima) - (Sistema)  
 WVTR25784   (Ultima)  
 WVTR25744   (Slenda)




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

**Energy Saver 2M**  
 WVTT25764   (230V Mechanism + Cover)



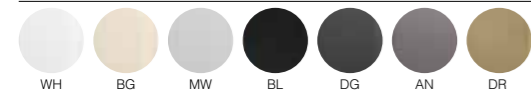
\* Available in WH, MW, BL, DG colors

**Energy Saver 3M**  
 WVTR37214   (Cover)  
 WVTT3577Z   (5V Mechanism + Cover)  
 WVTT35764   (230V Mechanism + Cover)



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


Cover Plate Color Alternatives (##)




Z indicates packaging type: 4 = plastic bag, 9 = separator.


Electronic Products

**DND-MUR Indoor Unit**  
**Mechanism+Rocker 2M**  
 230V - WVTT2014Z    
 12-24V - WVTT20634    
 \*12-24V Push Button - WVTT20644




16AX, 250V~ Screw Terminal  
 \* For use with automation systems only.  


**DND-MUR Outer Unit**  
**Mechanism+Cover Plate 2M**  
 WVTT2705ZNC



230V~, 2,5W Power Consumption


**DND-MUR Outdoor Unit with Bell Button**  
**Mechanism+CoverPlate 3M**  
 WVTC07255



12-24V  
 \* Available in MW, BL, DG, AN, DR colors


Direction Indicators

**Orientation Lamp - White**  
**Mechanism+Cover Plate 2M**  
 WVTT2724ZWH




230V~, 5W Power Consumption

**Orientation Lamp - Red**  
**Mechanism+Cover Plate 2M**  
 WVTT2724ZRD




230V~, 5W Power Consumption

**Orientation Lamp - Green**  
**Mechanism+Cover Plate 2M**  
 WVTT2724ZGR




230V~, 5W Power Consumption

**Orientation Lamp - Blue**  
**Mechanism+Cover Plate 2M**  
 WVTT2724ZBU




230V~, 5W Power Consumption

**Direction Indicator - Arrow**  
**Mechanism+Cover Plate 2M**  
 WVTC0707ZNC




230V~, 5W Power Consumption

**Direction Indicator - Warning**  
**Mechanism+Cover Plate 2M**  
 WVTC0709ZNC




230V~, 5W Power Consumption

**Direction Indicator - Exit**  
**Mechanism+Cover Plate 2M**  
 WVTC0710ZNC



230V~, 5W Power Consumption

**Direction Indicator - Male/Female**  
**Mech.+Cover Plate 2M** **Mech.+Cover Plate 2M**  
 WVTC0718ZNC (M) WVTC0719ZNC (F)



230V~, 5W Power Consumption

Cover Plate Color Alternatives (##)



Z indicates packaging type: 4 = plastic bag, 9 = separator.

# Enhance the Guest Accommodation Experience with the DND-MUR Unit!

**The new Panasonic DND-MUR unit redefines the guest accommodation experience.**

By combining the doorbell, room status indicator, and room number in a single module, it adds order and sophistication to entrance areas while enabling quick and accurate room status management. With its specially designed backlit structure, it ensures clear visibility under all lighting conditions, and with a variety of color options, it effortlessly adapts to any architectural style.

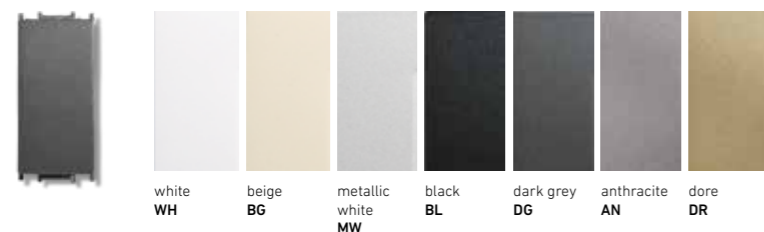
**Discover Panasonic DND-MUR units for a distinctive, brand-focused touch that reflects your hotel's unique character.**



Mechanism/Rocker/Frame Alternatives

Mechanism	Cover Plate/Rocker	Frame	Complete

Cover Plate/Rocker Color Alternatives



Frame Color Alternatives

<p><b>Metallic</b></p> <p>inox <b>MI</b>    chrome <b>MC</b>    gold <b>MG</b></p>	<p><b>Glass</b></p> <p>white <b>GW</b>    light green <b>GG</b>    claret red <b>GC</b>    black <b>GB</b></p>
<p><b>Eloxal</b></p> <p>silver <b>AS</b>    bronze <b>AR</b>    black <b>AB</b></p>	<p><b>Wooden</b></p> <p>bamboo <b>WB</b>    wenge <b>WV</b>    walnut <b>WW</b></p>
<p><b>Metallic</b></p> <p>inox Inox+Dark Grey <b>IG</b> Inox+Metallic White <b>IN</b></p> <p>inox matt Inox Matt+Dore <b>IM</b> Inox Matt+Metallic White <b>IB</b></p> <p>chrome Chrome+Dark Grey <b>KF</b> Chrome+Metallic White <b>CH</b></p> <p>chrome matt Chrome Matt+Dark Grey <b>KD</b> Chrome Matt+Metallic White <b>CM</b></p>	<p><b>una</b> Una+Dark Grey <b>UN</b> Una+Metallic White <b>UW</b></p> <p><b>antique</b> Antique+Dore <b>AQ</b> Antique+Black <b>AY</b></p> <p><b>gold</b> Gold+Dore <b>GL</b> Gold+Black <b>GS</b></p>
<p><b>Slenda</b></p> <p>white <b>WH</b>    beige <b>BG</b>    white <b>MW</b>    black <b>BL</b>    dark grey <b>DG</b>    anthracite <b>AN</b>    dore <b>DR</b></p>	
<p><b>Optima</b></p> <p>white <b>WH</b>    beige <b>BG</b>    white <b>MW</b>    black <b>BL</b>    dark grey <b>DG</b>    anthracite <b>AN</b>    dore <b>DR</b></p>	

Ultima Frames

Frames

2M Frame  
WVTF28405



3M Frame - 1 Module  
WVTF28415



3M Frame  
WVTF28435



3M Frame - 2 Modules  
WVTF28425



4M Frame  
WVTF28445



7M Frame  
WVTF28475



2x2M Frame  
WVTF28485



3x2M Frame  
WVTF28495



4x2M Frame  
WVTF28505



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

Ultima Frames

Frame Colors	2M Frame	3M Frame	1/3 Frame	2/3 Frame
Wooden - American Walnut	WVTF28405WW	WVTF28435WW	WVTF28415WW	WVTF28425WW
Wooden - Bamboo	WVTF28405WB	WVTF28435WB	WVTF28415WB	WVTF28425WB
Wooden - Wenge	WVTF28405WV	WVTF28435WV	WVTF28415WV	WVTF28425WV
Eloxal - Bronze	WVTF28405AR	WVTF28435AR	WVTF28415AR	WVTF28425AR
Eloxal - Silver	WVTF28405AS	WVTF28435AS	WVTF28415AS	WVTF28425AS
Eloxal - Black	WVTF28405AB	WVTF28435AB	WVTF28415AB	WVTF28425AB
Glass - White	WVTF28405GW	WVTF28435GW	WVTF28415GW	WVTF28425GW
Glass - Claret Red	WVTF28405GC	WVTF28435GC	WVTF28415GC	WVTF28425GC
Glass - Black	WVTF28405GB	WVTF28435GB	WVTF28415GB	WVTF28425GB
Glass - Light Green	WVTF28405GG	WVTF28435GG	WVTF28415GG	WVTF28425GG
Metallic Chrome	WVTF28405MC	WVTF28435MC	WVTF28415MC	WVTF28425MC
Metallic Gold	WVTF28405MG	WVTF28435MG	WVTF28415MG	WVTF28425MG
Metallic Inox	WVTF28405MI	WVTF28435MI	WVTF28415MI	WVTF28425MI

Frame Colors	4M Frame	7M Frame	2X2M Frame	3X2M Frame	4X2M Frame
Wooden - American Walnut	WVTF28445WW	WVTF28475WW	WVTF28485WW	WVTF28495WW	WVTF28505WW
Wooden - Bamboo	WVTF28445WB	WVTF28475WB	WVTF28485WB	WVTF28495WB	WVTF28505WB
Wooden - Wenge	WVTF28445WV	WVTF28475WV	WVTF28485WV	WVTF28495WV	WVTF28505WV
Eloxal - Bronze	WVTF28445AR	WVTF28475AR	WVTF28485AR	WVTF28495AR	WVTF28505AR
Eloxal - Silver	WVTF28445AS	WVTF28475AS	WVTF28485AS	WVTF28495AS	WVTF28505AS
Eloxal - Black	WVTF28445AB	WVTF28475AB	WVTF28485AB	WVTF28495AB	WVTF28505AB
Glass - White	WVTF28445GW	WVTF28475GW	WVTF28485GW	WVTF28495GW	WVTF28505GW
Glass - Claret Red	WVTF28445GC	WVTF28475GC	WVTF28485GC	WVTF28495GC	WVTF28505GC
Glass - Black	WVTF28445GB	WVTF28475GB	WVTF28485GB	WVTF28495GB	WVTF28505GB
Glass - Light Green	WVTF28445GG	WVTF28475GG	WVTF28485GG	WVTF28495GG	WVTF28505GG
Metallic Chrome	WVTF28445MC	WVTF28475MC	WVTF28485MC	WVTF28495MC	WVTF28505MC
Metallic Gold	WVTF28445MG	WVTF28475MG	WVTF28485MG	WVTF28495MG	WVTF28505MG
Metallic Inox	WVTF28445MI	WVTF28475MI	WVTF28485MI	WVTF28495MI	WVTF28505MI

WVTF28511## - 1/2 Frames are available in AB, AR, AS, GB, GW, WW colors.

Sistema Frames

Frames

2M Frame  
WVTF18405



2x2M Frame  
WVTF18485



3M Frame  
WVTF18435



3x2M Frame  
WVTF18495



4M Frame  
WVTF18445



4x2M Frame  
WVTF18505



7M Frame  
WVTF18475



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

Sistema Frames

Frame Colors	2M Frame	3M Frame	4M Frame	7M Frame
Antique - Dore	WVTF18405AQ	WVTF18435AQ	WVTF18445AQ	WVTF18475AQ
Antique - Black	WVTF18405AY	WVTF18435AY	WVTF18445AY	WVTF18475AY
Chrome - Dark Grey	WVTF18405KF	WVTF18435KF	WVTF18445KF	WVTF18475KF
Chrome - Metallic White	WVTF18405CH	WVTF18435CH	WVTF18445CH	WVTF18475CH
Chrome Matt - Dark Grey	WVTF18405KD	WVTF18435KD	WVTF18445KD	WVTF18475KD
Chrome Matt - Metallic White	WVTF18405CM	WVTF18435CM	WVTF18445CM	WVTF18475CM
Gold - Black	WVTF18405GS	WVTF18435GS	WVTF18445GS	WVTF18475GS
Gold - Dore	WVTF18405GL	WVTF18435GL	WVTF18445GL	WVTF18475GL
Inox - Dark Grey	WVTF18405IG	WVTF18435IG	WVTF18445IG	WVTF18475IG
Inox - Metallic White	WVTF18405IN	WVTF18435IN	WVTF18445IN	WVTF18475IN
Inox Matt - Dore	WVTF18405IM	WVTF18435IM	WVTF18445IM	WVTF18475IM
Inox Matt - Metallic White	WVTF18405IB	WVTF18435IB	WVTF18445IB	WVTF18475IB
Una - Dark Grey	WVTF18405UN	WVTF18435UN	WVTF18445UN	WVTF18475UN
Una - Metallic White	WVTF18405UW	WVTF18435UW	WVTF18445UW	WVTF18475UW

Frame Colors	2X2M Frame	3X2M Frame	4X2M Frame
Antique - Dore	WVTF18485AQ	WVTF18495AQ	WVTF18505AQ
Antique - Black	WVTF18485AY	WVTF18495AY	WVTF18505AY
Chrome - Dark Grey	WVTF18485KF	WVTF18495KF	WVTF18505KF
Chrome - Metallic White	WVTF18485CH	WVTF18495CH	WVTF18505CH
Chrome Matt - Dark Grey	WVTF18485KD	WVTF18495KD	WVTF18505KD
Chrome Matt - Metallic White	WVTF18485CM	WVTF18495CM	WVTF18505CM
Gold - Black	WVTF18485GS	WVTF18495GS	WVTF18505GS
Gold - Dore	WVTF18485GL	WVTF18495GL	WVTF18505GL
Inox - Dark Grey	WVTF18485IG	WVTF18495IG	WVTF18505IG
Inox - Metallic White	WVTF18485IN	WVTF18495IN	WVTF18505IN
Inox Matt - Dore	WVTF18485IM	WVTF18495IM	WVTF18505IM
Inox Matt - Metallic White	WVTF18485IB	WVTF18495IB	WVTF18505IB
Una - Dark Grey	WVTF18485UN	WVTF18495UN	WVTF18505UN
Una - Metallic White	WVTF18485UW	WVTF18495UW	WVTF18505UW

WVTF18511## - 1/2 Frames are available in AY, IG, IM, UN colors.

Slenda Frames

Frames

**2M Frame**  
WVTF38401



**3M Frame - 1 Module**  
WVTF38411



**3M Frame**  
WVTF38431



**3M Frame - 2 Modules**  
WVTF38421



**4M Frame**  
WVTF38441



**7M Frame**  
WVTF38471



**2x2M Frame**  
WVTF38481



**3x2M Frame**  
WVTF38491



**4x2M Frame**  
WVTF38501



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

Slenda Frames

Frame Colors	2M Frame	3M Frame	1/3M Frame	2/3M Frame
Anthracite	WVTF3840-#AN	WVTF3843-# AN	WVTF3841-# AN	WVTF3842-# AN
Dore	WVTF3840-# DR	WVTF3843-# DR	WVTF3841-# DR	WVTF3842-# DR
Dark Grey	WVTF3840-# DG	WVTF3843-# DG	WVTF3841-# DG	WVTF3842-# DG
Beige	WVTF3840-# BG	WVTF3843-# BG	WVTF3841-# BG	WVTF3842-# BG
Metallic White	WVTF3840-# MW	WVTF3843-# MW	WVTF3841-# MW	WVTF3842-# MW
Opaque White	WVTF3840-# WH	WVTF3843-# WH	WVTF3841-1 WH	WVTF3842-# WH
Black	WVTF3840-# BL	WVTF3843-# BL	WVTF3841-# BL	WVTF3842-# BL

Frame Colors	4M Frame	7M Frame	2X2M Frame	3X2M Frame
Anthracite	WVTF3844-# AN	WVTF3847-# AN	WVTF3848-# AN	WVTF3849-# AN
Dore	WVTF3844-# DR	WVTF3847-# DR	WVTF3848-# DR	WVTF3849-# DR
Dark Grey	WVTF3844-# DG	WVTF3847-# DG	WVTF3848-# DG	WVTF3849-# DG
Beige	WVTF3844-# BG	WVTF3847-# BG	WVTF3848-# BG	WVTF3849-# BG
Metallic White	WVTF3844-# MW	WVTF3847-# MW	WVTF3848-# MW	WVTF3849-# MW
Opaque White	WVTF3844-# WH	WVTF3847-# WH	WVTF3848-# WH	WVTF3849-# WH
Black	WVTF3844-# BL	WVTF3847-# BL	WVTF3848-# BL	WVTF3849-# BL

Frame Colors	4X2M Frame
Anthracite	WVTF3850-# AN
Dore	WVTF3850-# DR
Dark Grey	WVTF3850-# DG
Beige	WVTF3850-# BG
Metallic White	WVTF3850-# MW
Opaque White	WVTF3850-# WH
Black	WVTF3850-# BL

# indicates packaging type: 1=OPP bag, 2=OPP bag with hanger.

Optima Frames

Frames

2M Frame  
WVTF08401 □□



3M Frame - 1 Module  
WVTF08411 □□



IP55 Frame 3M  
WVTF08601 □□



3M Frame  
WVTF08431 □□



3M Frame - 2 Modules  
WVTF08421 □□



IP55 Frame 4M  
WVTF08611 □□



4M Frame  
WVTF08441 □□



7M Frame  
WVTF08471 □□



2x2M Frame  
WVTF08481 □□



3x2M Frame  
WVTF08491 □□



4x2M Frame  
WVTF08501 □□



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

Optima Frames

Frame Colors	2M Frame	3M Frame	4M Frame	7M Frame
Anthracite	WVTF08401AN	WVTF08431AN	WVTF08441AN	WVTF08471AN
Dore	WVTF08401DR	WVTF08431DR	WVTF08441DR	WVTF08471DR
Dark Grey	WVTF08401DG	WVTF08431DG	WVTF08441DG	WVTF08471DG
Beige	WVTF08401BG	WVTF08431BG	WVTF08441BG	WVTF08471BG
Metallic White	WVTF08401MW	WVTF08431MW	WVTF08441MW	WVTF08471MW
Opaque White	WVTF08401WH	WVTF08431WH	WVTF08441WH	WVTF08471WH
Black	WVTF08401BL	WVTF08431BL	WVTF08441BL	WVTF08471BL

Frame Colors	1/3M Frame	2/3M Frame	2X2M Frame	3X2M Frame	4X2M Frame
Anthracite	WVTF08411AN	WVTF08421AN	WVTF08481AN	WVTF08491AN	WVTF08501AN
Dore	WVTF08411DR	WVTF08421DR	WVTF08481DR	WVTF08491DR	WVTF08501DR
Dark Grey	WVTF08411DG	WVTF08421DG	WVTF08481DG	WVTF08491DG	WVTF08501DG
Beige	WVTF08411BG	WVTF08421BG	WVTF08481BG	WVTF08491BG	WVTF08501BG
Metallic White	WVTF08411MW	WVTF08421MW	WVTF08481MW	WVTF08491MW	WVTF08501MW
Opaque White	WVTF08411WH	WVTF08421WH	WVTF08481WH	WVTF08491WH	WVTF08501WH
Black	WVTF08411BL	WVTF08421BL	WVTF08481BL	WVTF08491BL	WVTF08501BL

Frame Colors	IP55 3M	IP55 4M
Anthracite	WVTF08601AN	WVTF08611AN
Dore	WVTF08601DR	WVTF08611DR
Dark Grey	WVTF08601DG	WVTF08611DG
Beige	WVTF08601BG	WVTF08611BG
Metallic White	WVTF08601MW	WVTF08611MW
Opaque White	WVTF08601WH	WVTF08611WH
Black	WVTF08601BL	WVTF08611BL

WVTF08511## - 1/2 Frames are available in WH, MW, BL, DG colors.

Mounting Frames



WVTC07304NC Mounting Frame 2M  
WVTC07314NC Mounting 2M-Drywall



WVTC07324NC Mounting Frame 2M-Metal



WVTC07404NC Slenda Mounting Frame 2M



WVTC07334NC Mounting Frame 2/3M  
WVTC07374NC Mounting Frame 2/3M with Claw



WVTC07434NC Slenda Mounting Frame 2/3M



WVTC07344NC Mounting Frame 3M



WVTC07444NC Slenda Mounting Frame 3M



WVTC07354NC Mounting Frame 4M



WVTC07454NC Slenda Mounting Frame 4M



WVTC07364NC Mounting Frame 7M



WVTC07464NC Slenda Mounting Frame 7M

Wall Mount Boxes



WVTC07844NC  
2M Wall Mount Box H.F. - Drywall  
Thea Slenda is not compatible with 2M drywall mounting box.  
Compatible Series: Thea Ultima, Sistema and Optima



WVTC07854NC  
3M Wall Mount Box H.F. - Drywall  
Compatible Series: Thea Ultima, Sistema, Slenda and Optima



WVTC07804NC  
2M Wall Mount Box H.F.  
Compatible Series: Thea Ultima, Sistema, Slenda and Optima



WVTC07814NC  
3M Wall Mount Box H.F.  
Compatible Series: Thea Ultima, Sistema, Slenda and Optima



WVTC07864NC  
4M Wall Mount Box H.F. - Drywall  
Compatible Series: Thea Ultima, Sistema, Slenda and Optima



WVTC07874NC  
7M Wall Mount Box H.F. - Drywall  
Compatible Series: Thea Ultima, Sistema, Slenda and Optima

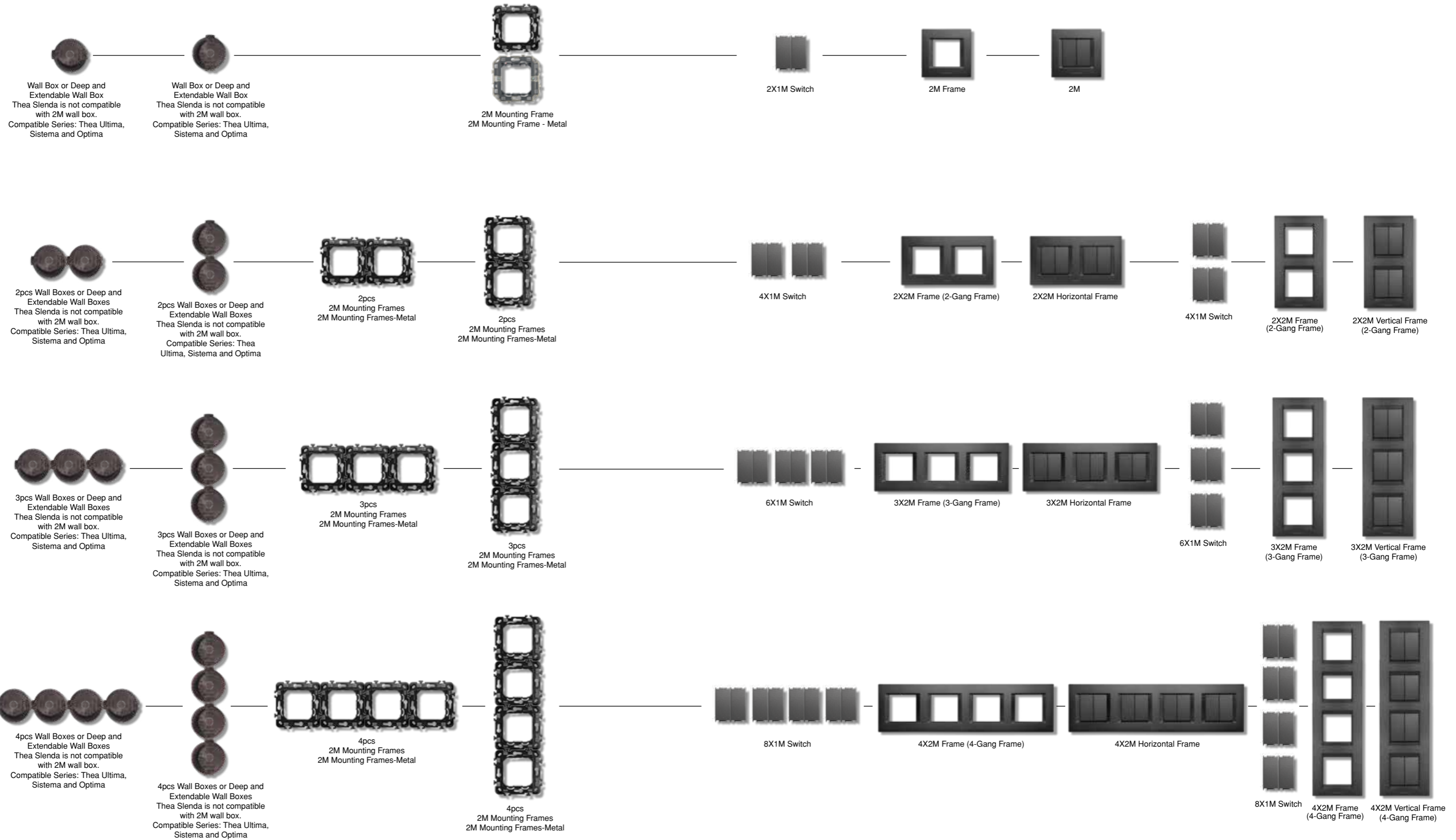


WVTC07824NC  
4M Wall Mount Box H.F.  
Compatible Series: Thea Ultima, Sistema, Slenda and Optima



WVTC07834NC  
7M Wall Mount Box H.F.  
Compatible Series: Thea Ultima, Sistema, Slenda and Optima

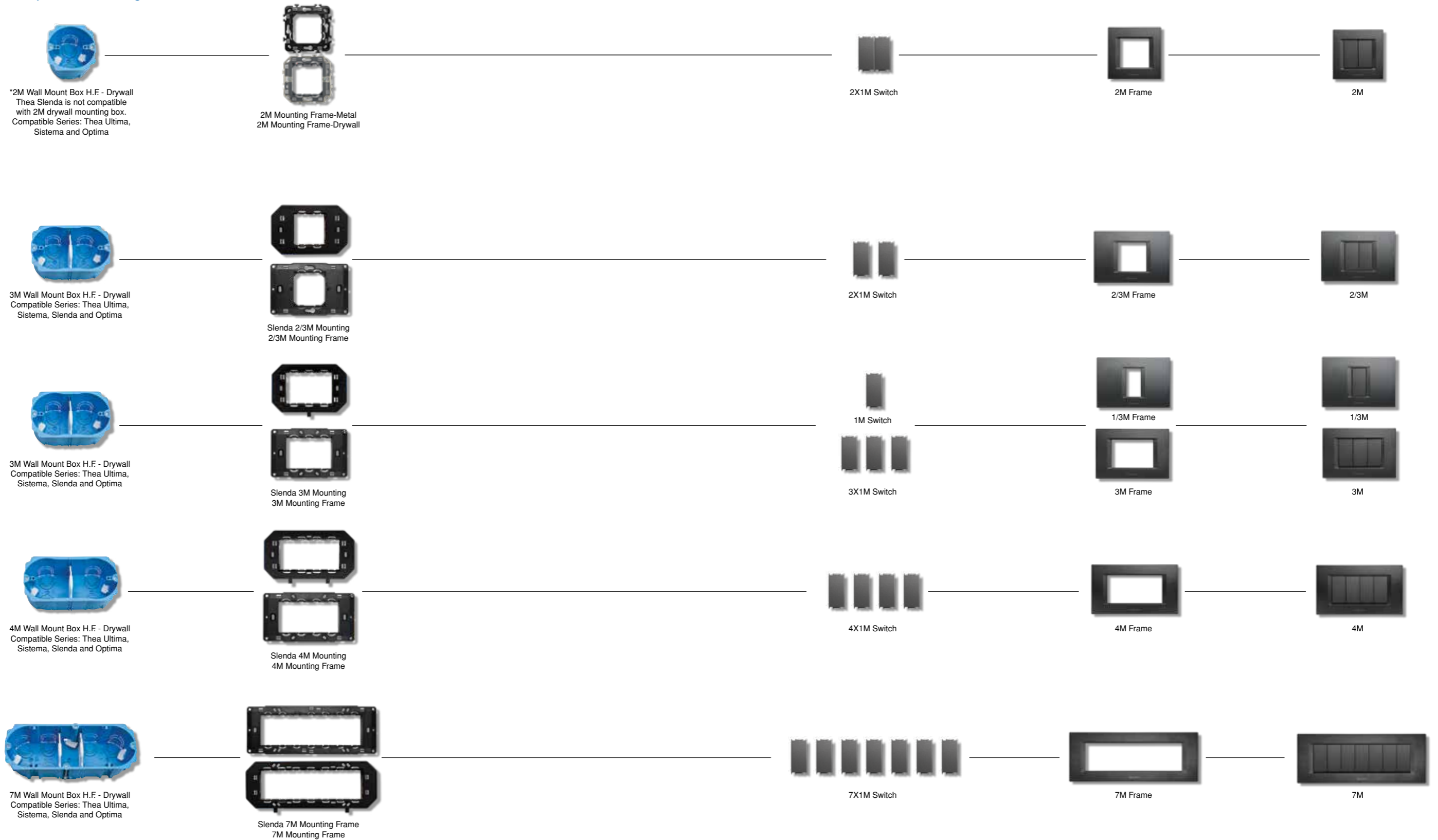
Assembling for Wall Box (German Type)



Order Codes and Product Name

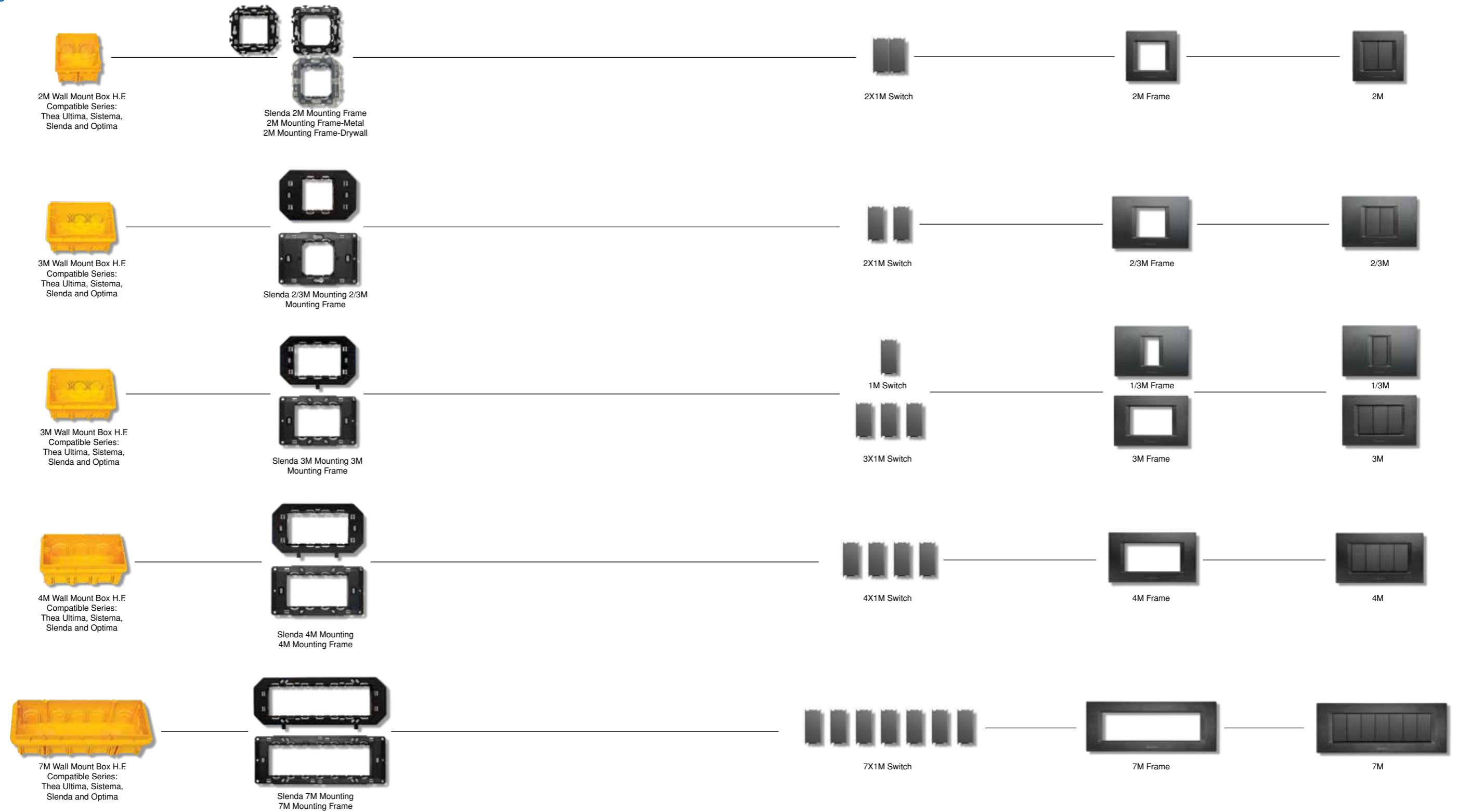
90926001	Wall Box - Deep and Extendable
90926003	Wall Box
90926301	Wall Box - Deep and Extendable (Halogen Free)
90926303	Wall Box (Halogen Free)

Assembling for Drywall Mounting Box



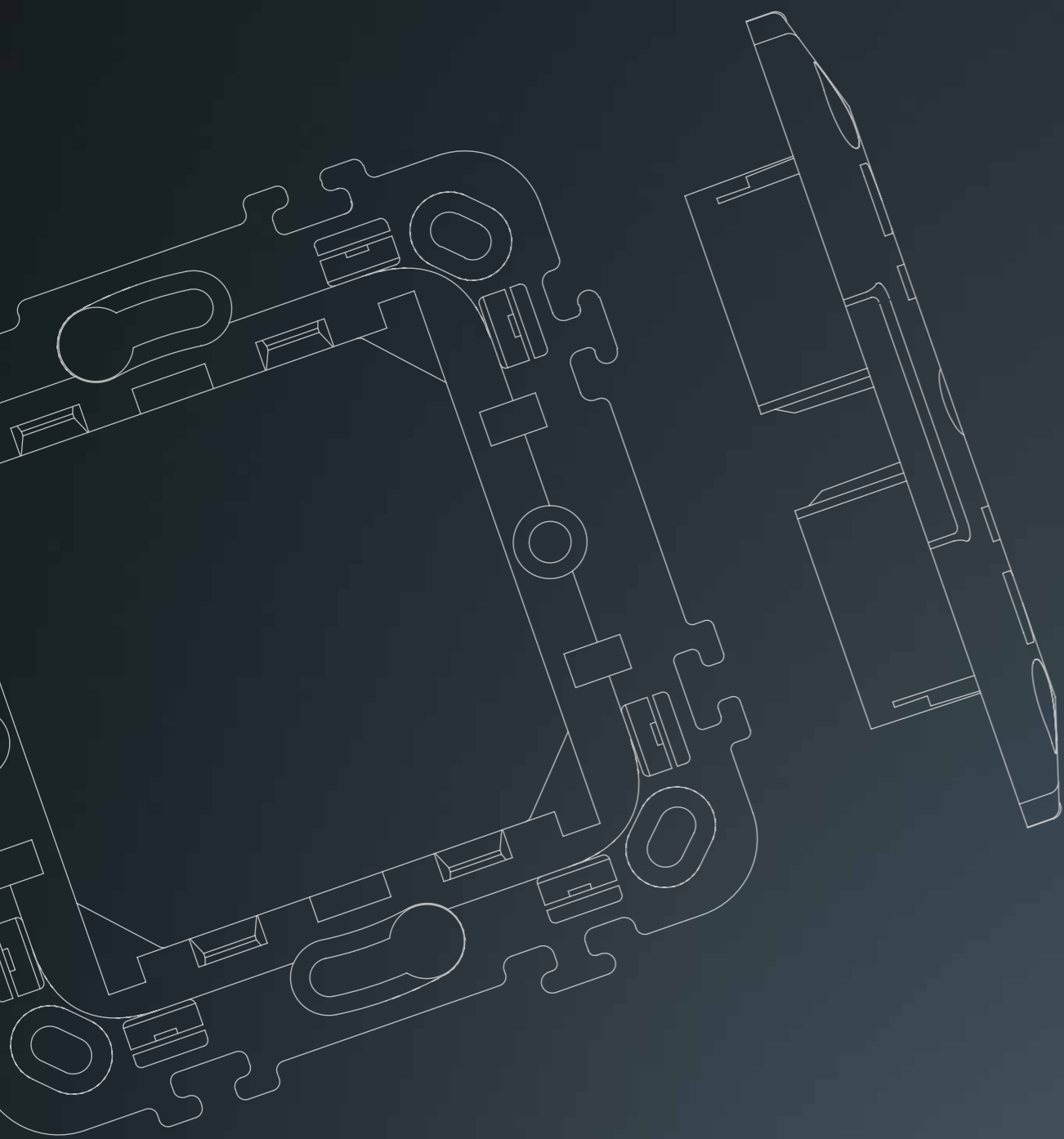
\* Thea Slenda is not compatible with 2M drywall mounting box.

Assembling for Modular Box



Order Codes and Product Name

<b>WVTC07804NC</b>	2M Wall Mount Box H.F.
<b>WVTC07814NC</b>	3M Wall Mount Box H.F.
<b>WVTC07824NC</b>	4M Wall Mount Box H.F.
<b>WVTC07834NC</b>	7M Wall Mount Box H.F.



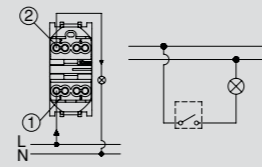
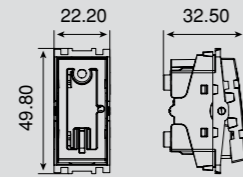
## Technical Specifications

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

## Technical Drawings and Circuit Diagrams

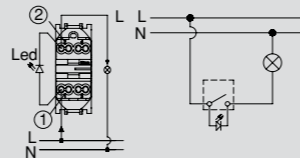
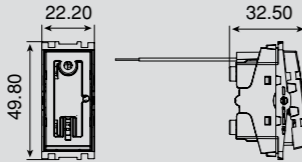
Technical Specifications	Switch	Circuit Diagram
--------------------------	--------	-----------------

- Controls a lamp or a lamp group from a point.
- 16AX, 250V~
- One-way
- Screw connection



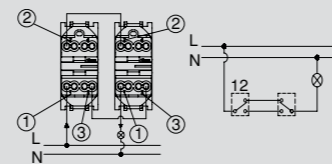
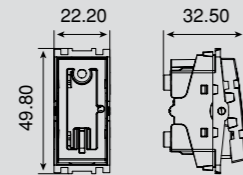
Technical Specifications	One-Way Switch, Illuminated	Circuit Diagram
--------------------------	-----------------------------	-----------------

- Controls a lamp or a lamp group from a point.
- 16AX, 250V~
- One-way
- Illuminated indicator
- Screw connection



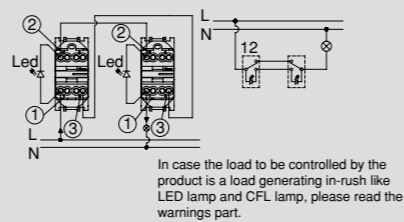
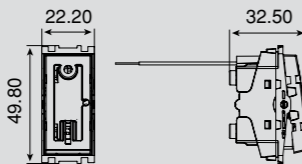
Technical Specifications	Two-Way Switch	Circuit Diagram
--------------------------	----------------	-----------------

- Controls a lamp or a lamp group from two different points.
- 16AX, 250V~
- Two-way
- Screw connection



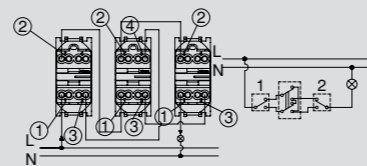
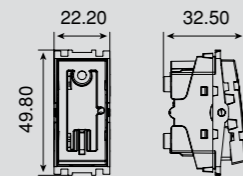
Technical Specifications	Two-Way Switch, Illuminated	Circuit Diagram
--------------------------	-----------------------------	-----------------

- Controls a lamp or a lamp group from two different points.
- 16AX, 250V~
- Two-way
- Illuminated indicator
- Screw connection



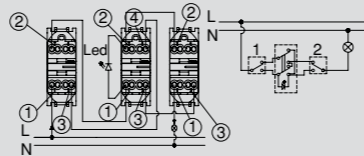
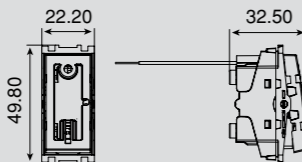
Technical Specifications	Intermediate Switch	Circuit Diagram
--------------------------	---------------------	-----------------

- Controls a lamp or a lamp group from more than two points.
- 16AX, 250V~
- Two-way
- Screw connection



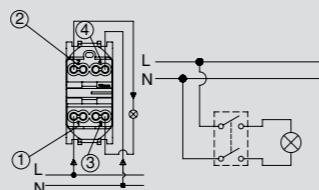
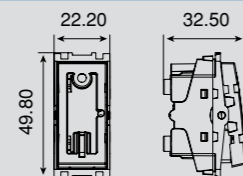
Technical Specifications	Intermediate Switch, Illuminated	Circuit Diagram
--------------------------	----------------------------------	-----------------

- Controls a lamp or lamp group from more than two points.
- 16AX, 250V~
- Two-way
- Illuminated indicator
- Screw connection



Technical Specifications	Two-Pole Switch	Circuit Diagram
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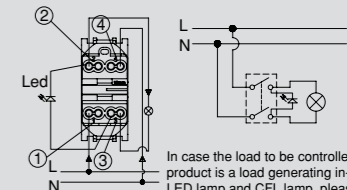
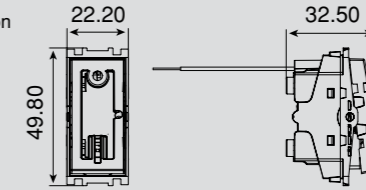
- Two poles enable simultaneous disconnection of switches, phase and neutral.
- 16AX, 250V~
- Double pole, one-way
- Screw connection



## Technical Drawings and Circuit Diagrams

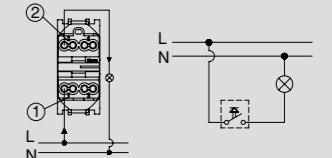
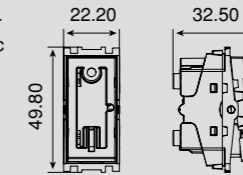
Technical Specifications	Two-Pole Switch, Illuminated	Circuit Diagram
--------------------------	------------------------------	-----------------

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



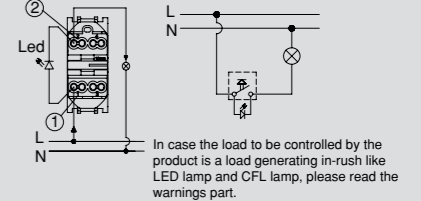
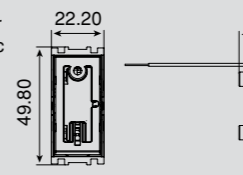
Technical Specifications	One-Way Push Button	Circuit Diagram
--------------------------	---------------------	-----------------

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



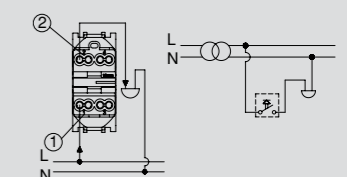
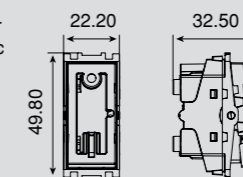
Technical Specifications	One-Way Push Button, Illuminated	Circuit Diagram
--------------------------	----------------------------------	-----------------

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



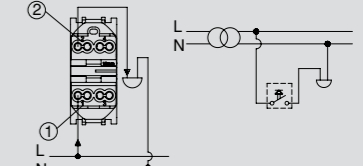
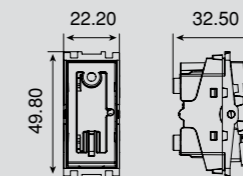
Technical Specifications	Push Button with Key Symbol	Circuit Diagram
--------------------------	-----------------------------	-----------------

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



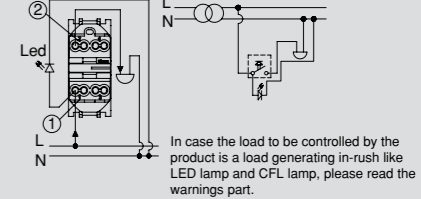
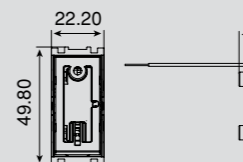
Technical Specifications	Push Button with Bell Symbol	Circuit Diagram
--------------------------	------------------------------	-----------------

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



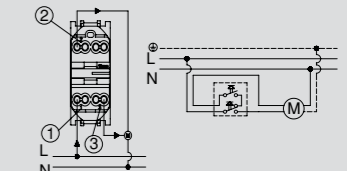
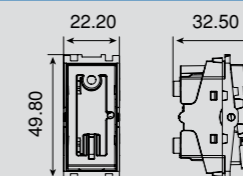
Technical Specifications	Push Button with Bell Symbol, Illuminated	Circuit Diagram
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- Controls the door bell.
- 16A, 250V~
- Push button, instant trigger
- Illuminated indicator
- Screw connection



Technical Specifications	Shutter Control Switch	Circuit Diagram
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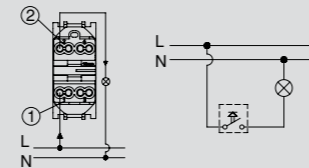
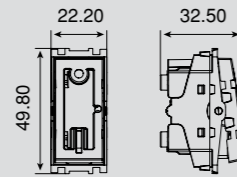
- Controls up and down movement of shutters, by controlling shutter motors via single button
- 10AX, 250V~
- Two way, three positions
- Screw connection



## Technical Drawings and Circuit Diagrams

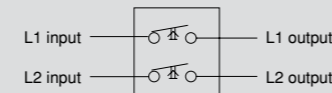
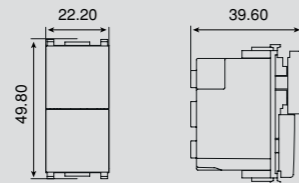
### Emergency Push Button with Cord

- 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



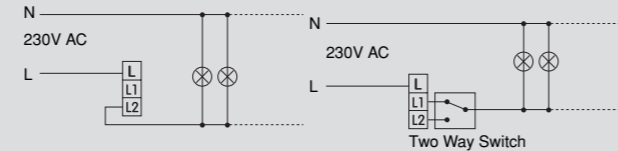
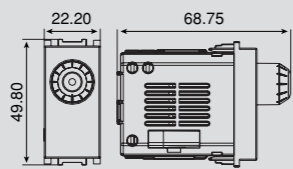
### Double One-way Push Button

- 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.
- 10A, 250V~
- Double pole, single way
- Screw connection



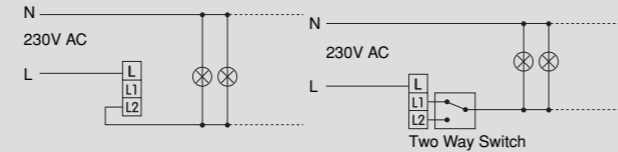
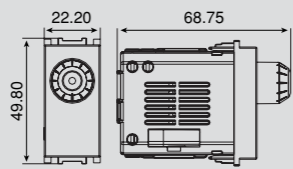
### Pro Dimmer R 300W 1M

- 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



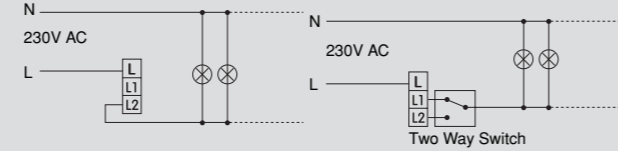
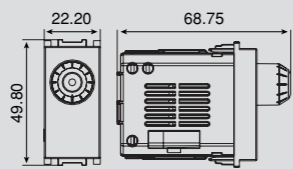
### Pro Dimmer R 6-100W/VA

- 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



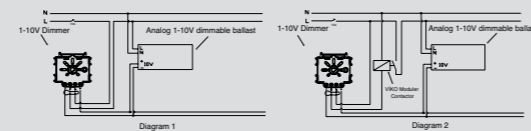
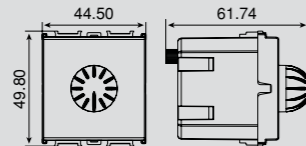
### Pro Dimmer RC 20-300W/VA

- 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



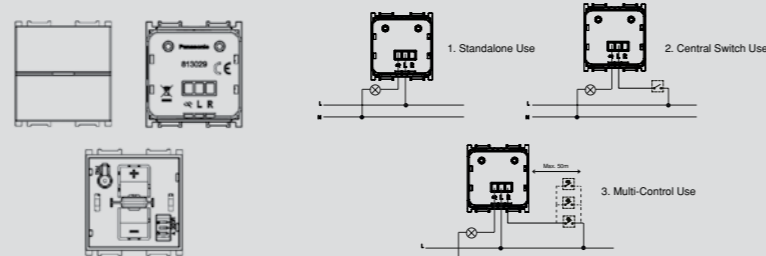
### Rotary Dimmer 1-10V

- Operating temperature +5°C...+35°C
- 1V...10V control voltage
- Control current 50mA
- Switching current 5AX
- Fuse 500mAh



### Universal Dimmer

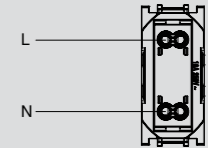
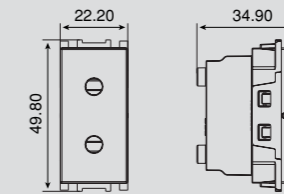
- Operating voltage 230 Vac +/- 10%, 50Hz
- Switching type either leading or trailing Edge selected by
- Suitable for dimmable LEDs.
- Operating temperature 0°C...+35°C
- Load types - Incandescent lamps - HV halogen lamps - LV halogen lamps with Electronic transformer - LV halogen lamps with Ferromagnetic transformer - Dimmable LED & Dimmable CFL
- Protections for electronic short circuit & overload
- Delayed switch and central switch features
- Compliant standards EN 60669-2-1, EN 60669-1
- Control type push button



## Technical Drawings and Circuit Diagrams

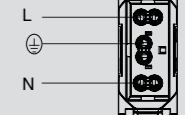
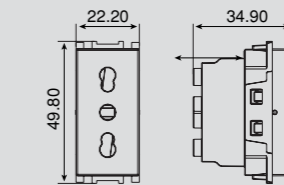
### Socket Safety Shutter

- 16A, 250V~
- 2P
- Safety Shutter
- Screw connection



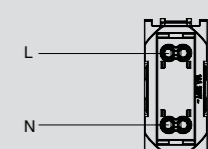
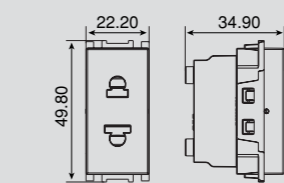
### Italian Type Socket

- 13A-16A
- 2P+E
- Safety Shutter
- Screw connection



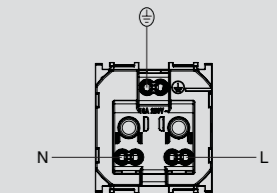
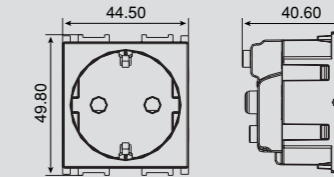
### Euro-American Socket

- 13A-16A
- 2P
- Safety Shutter option
- Screw connection



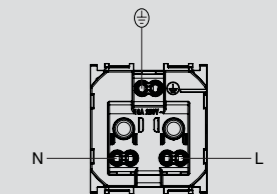
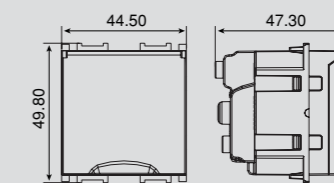
### Socket 2P+E, Safety Shutter

- 16A, 250V~
- 2P+E
- Safety Shutter
- Screw connection



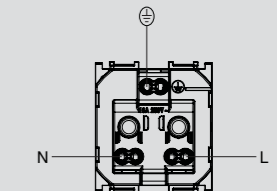
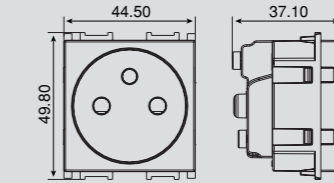
### Socket 2P+E with Lid, Safety Shutter

- 16A, 250V~
- 2P+E
- Safety Shutter
- Screw connection



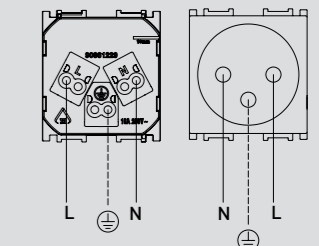
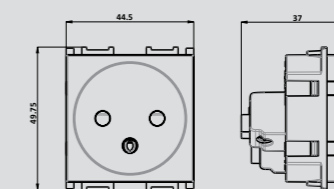
### UPS Socket

- 16A, 250V~
- 2P+E
- Safety Shutter
- Screw connection



### Israel Type Socket

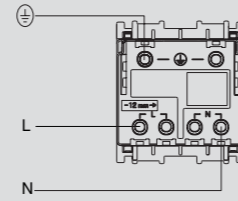
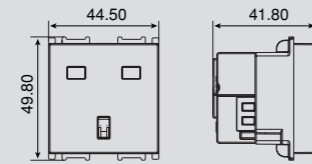
- 16A, 250V~
- Screw Terminal
- Safety Shutter



## Technical Drawings and Circuit Diagrams

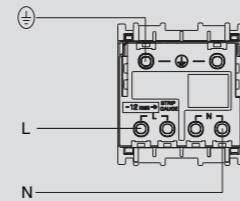
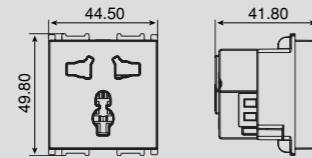
### Technical Specifications British Type Socket Circuit Diagram

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



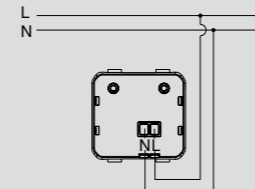
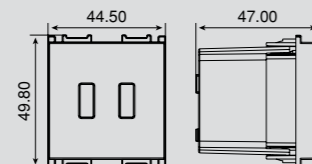
### Technical Specifications British Type Socket Circuit Diagram

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



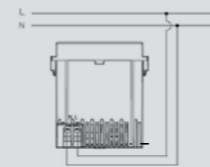
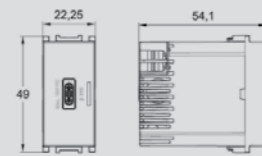
### Technical Specifications USB-A+A Charging Socket Circuit Diagram

- 230VAC +/- 10% 50Hz
- Output 5VDC 2A (Total Output 10W)
- Operating temperature +10°C...+40°C
- Screw connection
- Over voltage protection
- Over current protection
- Over temperature protection
- Short circuit protection



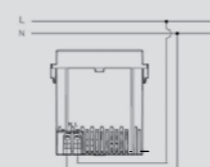
### Technical Specifications USB-C Charging Socket (18W PD) Circuit Diagram

- 230VAC +/- 10% 50Hz
- Output 5VDC 3A(15W) / 9VDC 2A(18W)
- Operating temperature +10°C...+40°C
- Screw connection
- Over voltage protection
- Over current protection
- Over temperature protection
- Short circuit protection



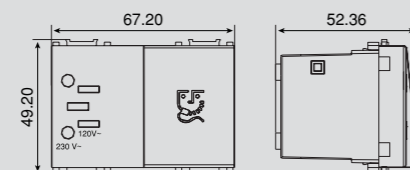
### Technical Specifications USB-A+C Charging Socket (15W) Circuit Diagram

- 230VAC +/- 10% 50Hz
- Output 5VDC 3A (Total Output 15W)
- Operating temperature +10°C...+40°C
- Screw connection
- Over voltage protection
- Over current protection
- Over temperature protection
- Short circuit protection



### Technical Specifications Shaver Socket Circuit Diagram

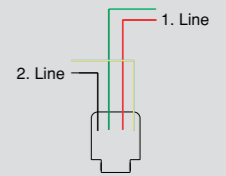
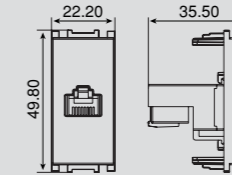
- 230V~, 50/60Hz
- 230V~/ 120V~ output voltage
- 20VA maximum load
- IP21 protection class
- Feature of not consuming energy when not in use



## Technical Drawings and Circuit Diagrams

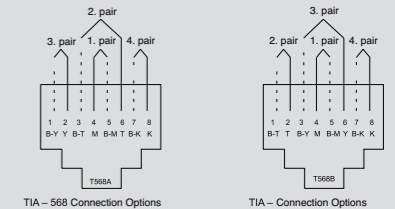
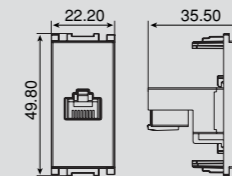
### Technical Specifications Phone Socket (RJ11) Circuit Diagram

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



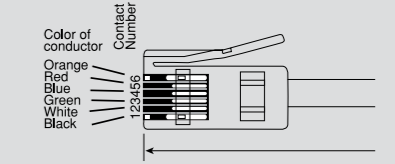
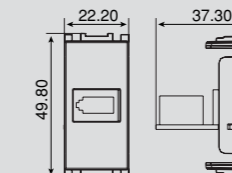
### Technical Specifications Data Socket (RJ45) Circuit Diagram

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

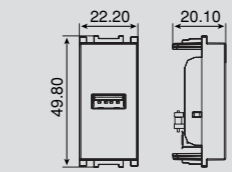


### Technical Specifications British Type Phone Socket Circuit Diagram

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

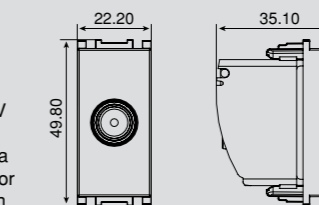


### Technical Specifications USB Connector Circuit Diagram



### Technical Specifications TV Socket Circuit Diagram

- Shielded, does not get affected by airborne radio signals.
- Screw type mounting.
- **TV Socket, Through-pass**
- Used for broadcast distribution to multiple TV receivers where broadcast is received from UHF/VHF bands to the center via an antenna system and then distributed via inter-socket or inter-floor -in multi-storey buildings- transition.
- **TV Socket, Terminated**
- Used in star-connected systems for Internet, cable TV or central satellite broadcasts. May also be used at the end of the shared antenna systems.
- **TV Socket, Lossless**
- Used with independent Internet, cable TV or satellite broadcasting systems, and independent antennas.
- The sockets to be mounted after the amplifier must be 12 dB and 8 dB through-pass, terminated and lossless options to be compatible with 60-85 dBuV TV signal levels.



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

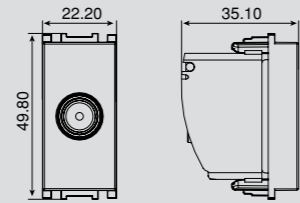
TV Socket (Terminated)				
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz
IN-OUT (DB)	1,6	1,7	1,8	2,0
IN-TAP (DB)	15	15	15	15,5

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

Technical Drawings and Circuit Diagrams

**SAT** Technical Specifications Satellite Socket with F Connector Circuit Diagram

- Used for receiving broadcast from the cable TV and UHF/VHF bands, and satellite.
- Satellite Socket with F Connector, Through-pass**
- Used for broadcast distribution to multiple TV receivers where broadcast is received from UHF/VHF bands to the center via an antenna system and then distributed via inter-socket or inter-floor -in multi-storey buildings- transition.
- Satellite Socket with F Connector, Terminated**
- Used in star-connected systems for Internet, cable TV or central satellite broadcasts. May also be used at the end of the shared antenna systems.
- The sockets to be mounted after the amplifier must be (10dB) transitive and terminated options to be compatible with 60-85 dBuV TV signal levels.



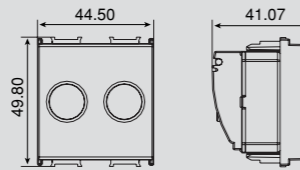
TV - SAT (Through-pass)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1.2 GHz	1.6 GHz	2.0 GHz	2.25 GHz	2.4 GHz
SAT IN-OUT (DB)	≤ 11.5	≤ 11.5	≤ 11.5	≤ 12	≤ 12.5	≤ 14	≤ 14	≤ 14	≤ 14.5
TV IN-OUT (DB)	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5					

SAT (Terminated)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1.2 GHz	1.6 GHz	2.0 GHz	2.25 GHz	2.4 GHz
SAT IN-OUT (DB)	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5

**TV-SAT** Technical Specifications TV-SAT Socket Circuit Diagram

- Shielded, does not get affected by airborne radio signals.
- Used for receiving broadcast from the Internet, interactive applications, cable TV, and UHF/VHF bands.
- TV-SAT Socket, Through-pass**
- Used for broadcast distribution to multiple TV receivers where broadcast is received from UHF/VHF bands to the center via an antenna system and then distributed via inter-socket or inter-floor -in multi-storey buildings- transition.
- TV-SAT Socket, Terminated**
- Used in star-connected systems for Internet, cable TV or central satellite broadcasts. May also be used at the end of the shared antenna systems.
- The sockets to be mounted after the amplifier must be (8dB and 11dB) transitive and terminated options to be compatible with 60-85 dBuV TV signal levels.

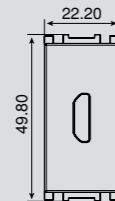


TV - SAT (Through-pass)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1.2 GHz	1.6 GHz	2.0 GHz	2.25 GHz	2.4 GHz
SAT IN-OUT (DB)	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5
TV IN-OUT (DB)	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5					

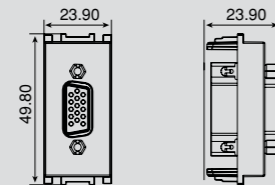
  

TV - SAT (Terminated)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1.2 GHz	1.6 GHz	2.0 GHz	2.25 GHz	2.4 GHz
SAT IN-TAP (DB)	≤ 2.5	≤ 2.5	≤ 2.5	≤ 2.5	≤ 3	≤ 3.8	≤ 4.5	≤ 5	≤ 5.5
TV IN-OUT (DB)	≤ 1.6	≤ 1.7	≤ 1.8	≤ 2.0					
TV IN-TAP (DB)	≤ 15	≤ 15	≤ 15	≤ 15.5					

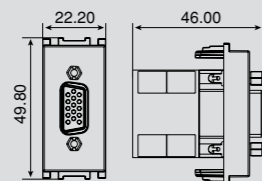
**HDMI** Technical Specifications Connector for HDMI Connection Circuit Diagram



**VGA** Technical Specifications VGA Connector Circuit Diagram

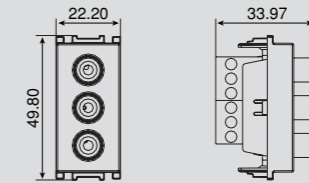


**VGA** Technical Specifications VGA Connector (PCB) Circuit Diagram

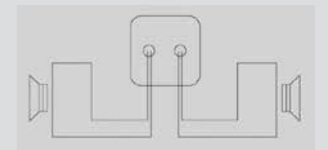
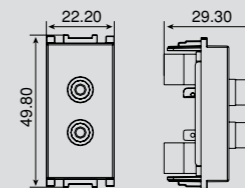


Technical Drawings and Circuit Diagrams

**RCA** Technical Specifications RCA Connector Circuit Diagram

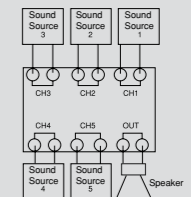
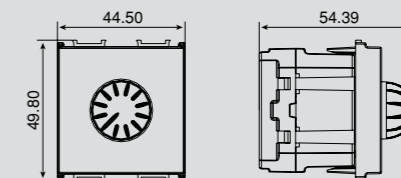


**Audio** Technical Specifications Audio Socket Circuit Diagram



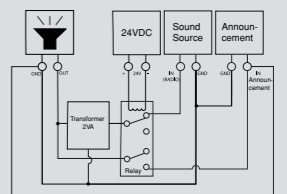
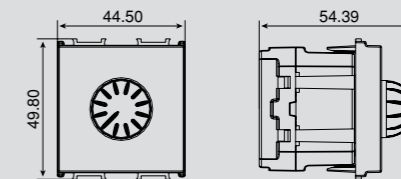
**Audio** Technical Specifications Audio Channel Selection Switch Circuit Diagram

- 5 channel selection



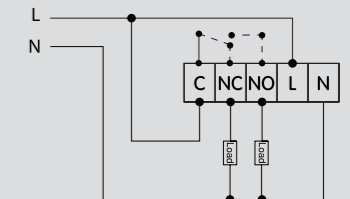
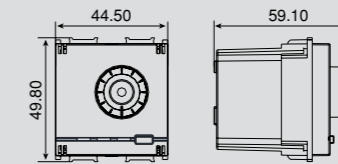
**Audio** Technical Specifications Volume Control Switch with Transformer Circuit Diagram

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



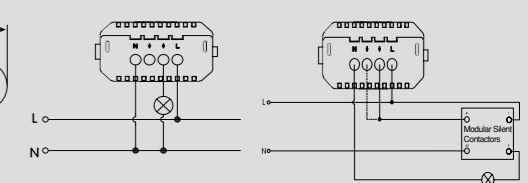
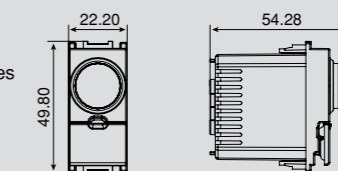
**Thermostat** Technical Specifications Analog Thermostat Circuit Diagram

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



**Motion** Technical Specifications Motion Detector Circuit Diagram

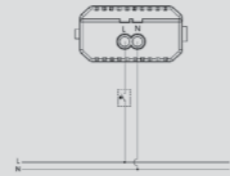
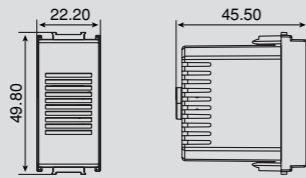
- 230V~, 50/60Hz
- 120° horizontal sensing angle
- Time setting from 10 seconds to 10 minutes
- Operating temperature 0°C...+38°C
- Assembly height between 1 m and 2 m
- Suitable for usage with the loads at the 1100W / 1100VA values.
- Daylight setting between 0 lux - 250 lux values
- Sensing Range: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



Technical Drawings and Circuit Diagrams

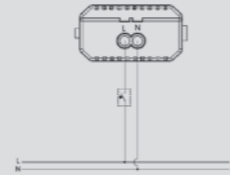
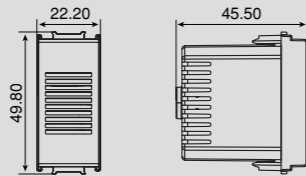
Technical Specifications Buzzer (Ding-Dong) Circuit Diagram

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



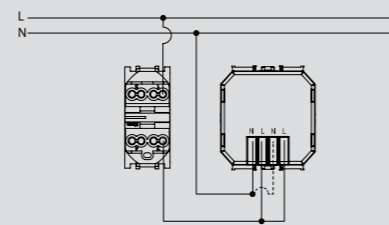
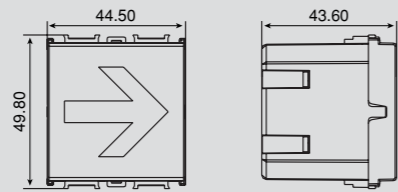
Technical Specifications Buzzer Circuit Diagram

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



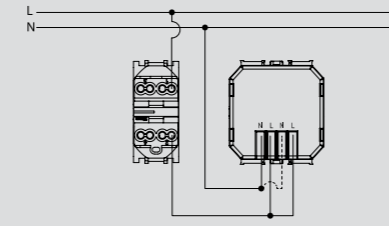
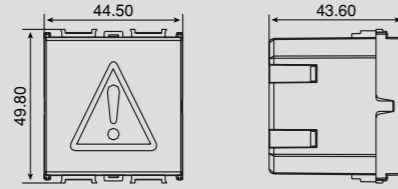
Technical Specifications Direction Indicator - Arrow Circuit Diagram

- 230V~
- 5W power consumption



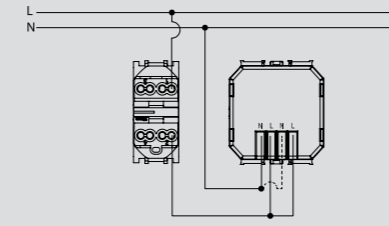
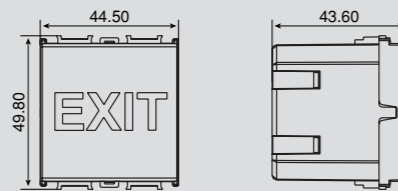
Technical Specifications Direction Indicator - Warning Circuit Diagram

- 230V~
- 5W power consumption



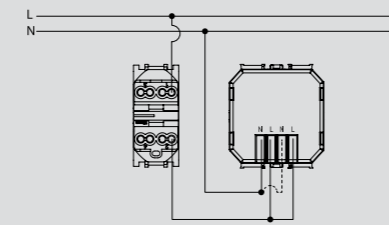
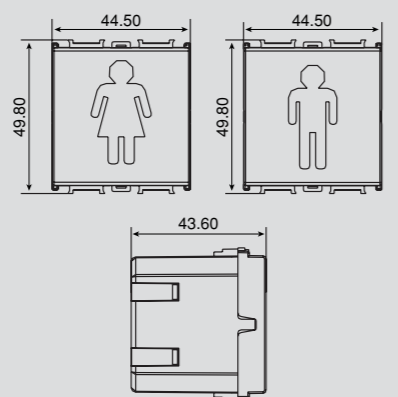
Technical Specifications Direction Indicator - Exit Circuit Diagram

- 230V~
- 5W power consumption



Technical Specifications Direction Indicator - Male/Female Circuit Diagram

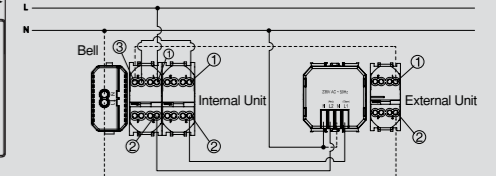
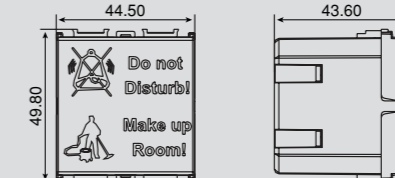
- 230V~
- 5W power consumption



Technical Drawings and Circuit Diagrams

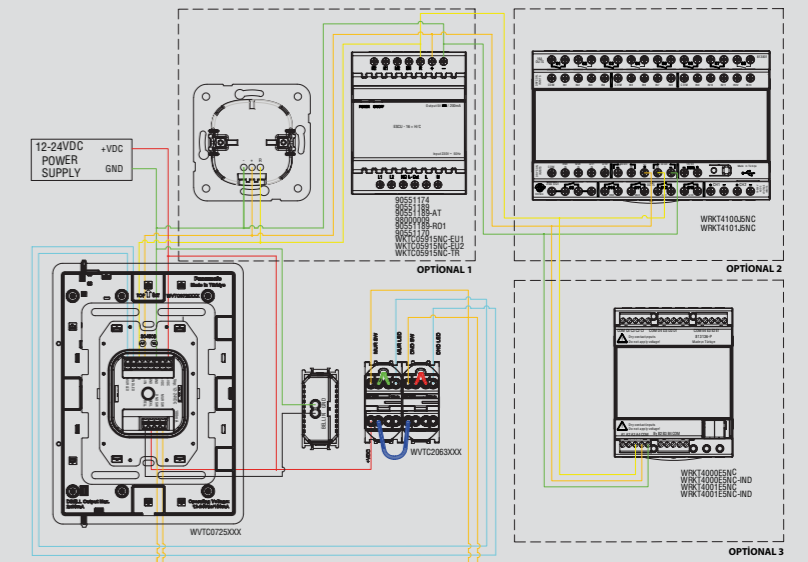
Technical Specifications DND-MUR Outer Unit Circuit Diagram

- 230V~
- 2.5W power consumption



Technical Specifications DND-MUR Outer Unit with Bell Button Circuit Diagram

- Operating Voltage:** 12-24V DC±10%
- Power Consumption:** Max. 2.4W
- Operating Temperature:** 0-45°C
- Protection Class:** IP40
- Mounting Type:** Flush mounting
- Doorbell Button:** Push Button
- Doorbell Output:** 2 x 30mA
- LED Status Meanings:**  
Red: Do Not Disturb (DND)  
Green: Make Up Room (MUR)  
Yellow: Room Occupied
- Customization Options:** Room number, hotel logo, symbols
- Standards:** EN 60669-1, IEC 60669-2-1, TS EN 62094-1
- Minimum Cable Cross Section:** 1mm²



Technical Drawings and Circuit Diagrams

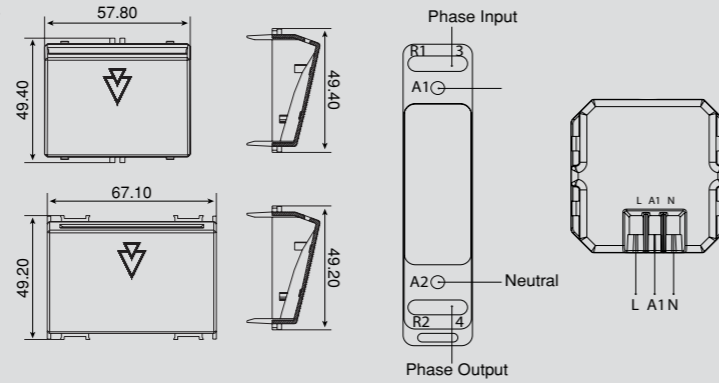


Technical Specifications

Energy Saver with Mechanical Switch

Circuit Diagram

- When a proper card is inserted into Energy Saver reader slot, it sends 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 0.50 mm<sup>2</sup>, maximum length is 25 m
- 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.

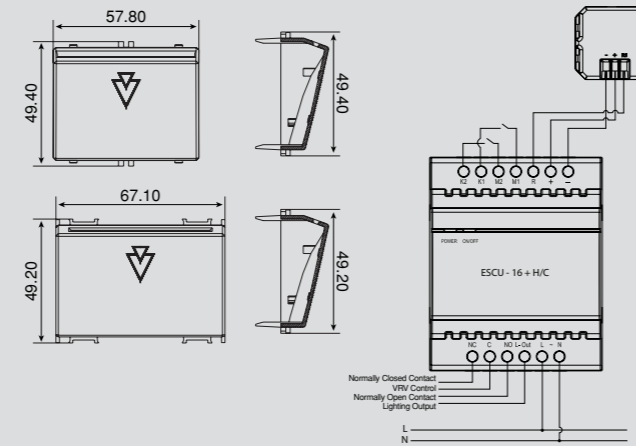


Technical Specifications

Energy Saver with Mechanical Switch

Circuit Diagram

- When a proper card is inserted into Energy Saver reader slot, it sends signal to relay unit to activate the electricity in the room.
- When the card is removed from the slot, room electricity is cut within 15±3 seconds. Delay is made by relay unit. When the card is inserted into its slot, pilot lighting LED goes off (if LED is still on, it means that the card isn't sensed).
- 5V DC- operating voltage
- The maximum switching current is defined by ESCU: 25A or 16A (ESCU 25A + VRV or ESCU 16A + VRV or ESCU 16A + 2 VRV).
- Minimum diameter of connection cable is 0.50 mm<sup>2</sup>, maximum length is 25 m
- 15±3 seconds shutting down delay
- Complies with EN60669-1, EN60669-2-1 and EN55015 standards
- 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.
- Two magnetic contact inputs enable air conditioner control based on window status.

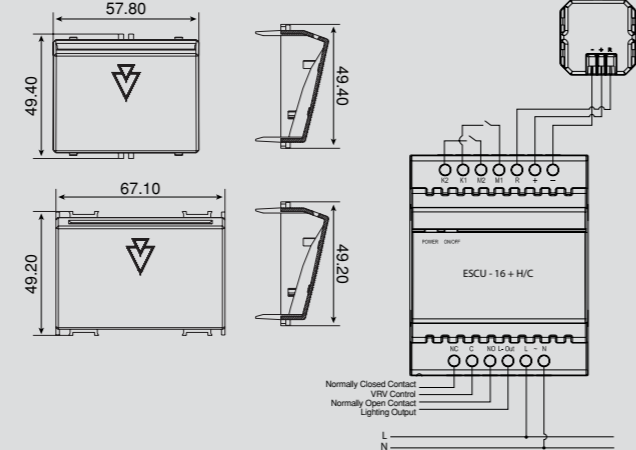


Technical Specifications

Energy Saver (13.56 MHz RF Single Protocol)

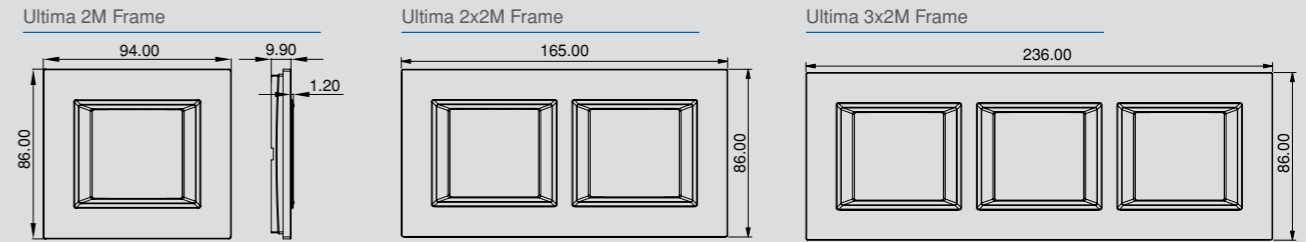
Circuit Diagram

- When a proper card is inserted into Energy Saver reader slot, it sends signal to relay unit to activate the electricity in the room.
- When the card is removed from the slot, room electricity is cut within 15 seconds. Delay is made by relay unit. When the card is inserted into its slot, pilot lighting LED goes off (if LED is still on, it means that the card isn't sensed).
- 5V DC- operating voltage
- The maximum switching current is defined by ESCU: 25A or 16A (ESCU 25A + VRV or ESCU 16A + VRV or ESCU 16A + 2 VRV).
- Minimum diameter of connection cable is 0.50 mm<sup>2</sup>, maximum length is 25 m
- 15±3 seconds shutting down delay
- Complies with EN60669-1, EN60669-2-1 and EN55015 standards
- 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.
- Two magnetic contact inputs enable air conditioner control based on window status.

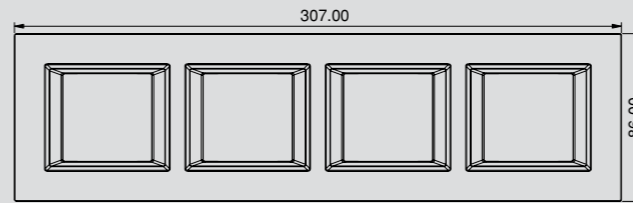


Frame Dimensions

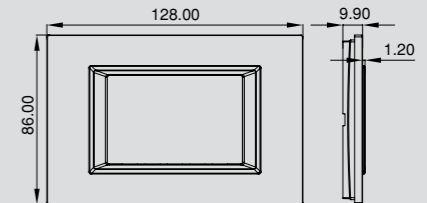
Ultima



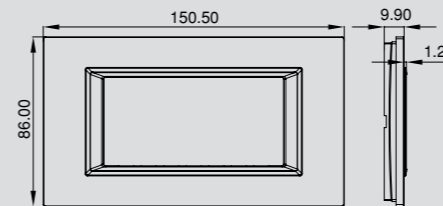
Ultima 4x2M Frame



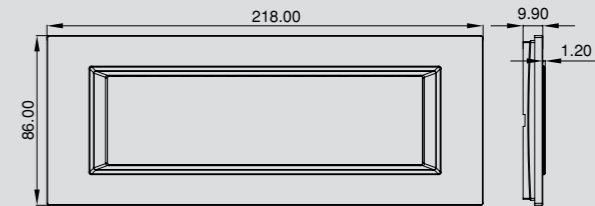
Ultima 3M Frame



Ultima 4M Frame

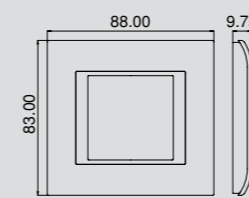


Ultima 7M Frame

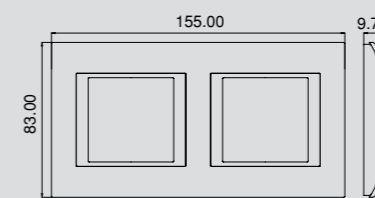


Sistema

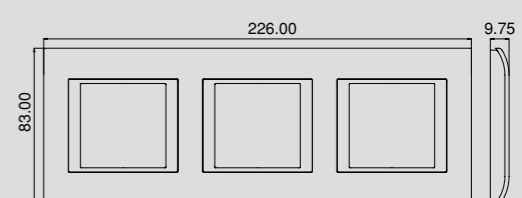
Sistema 2M Frame



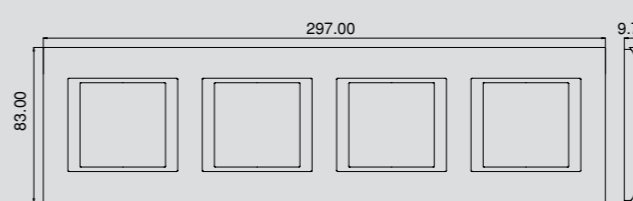
Sistema 2x2M Frame



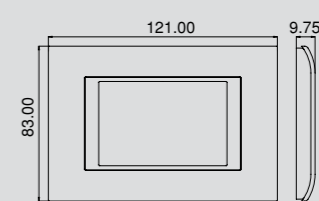
Sistema 3x2M Frame



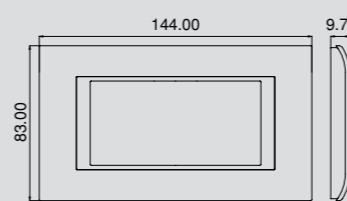
Sistema 4x2M Frame



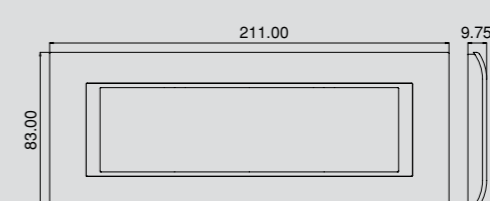
Sistema 3M Frame



Sistema 4M Frame

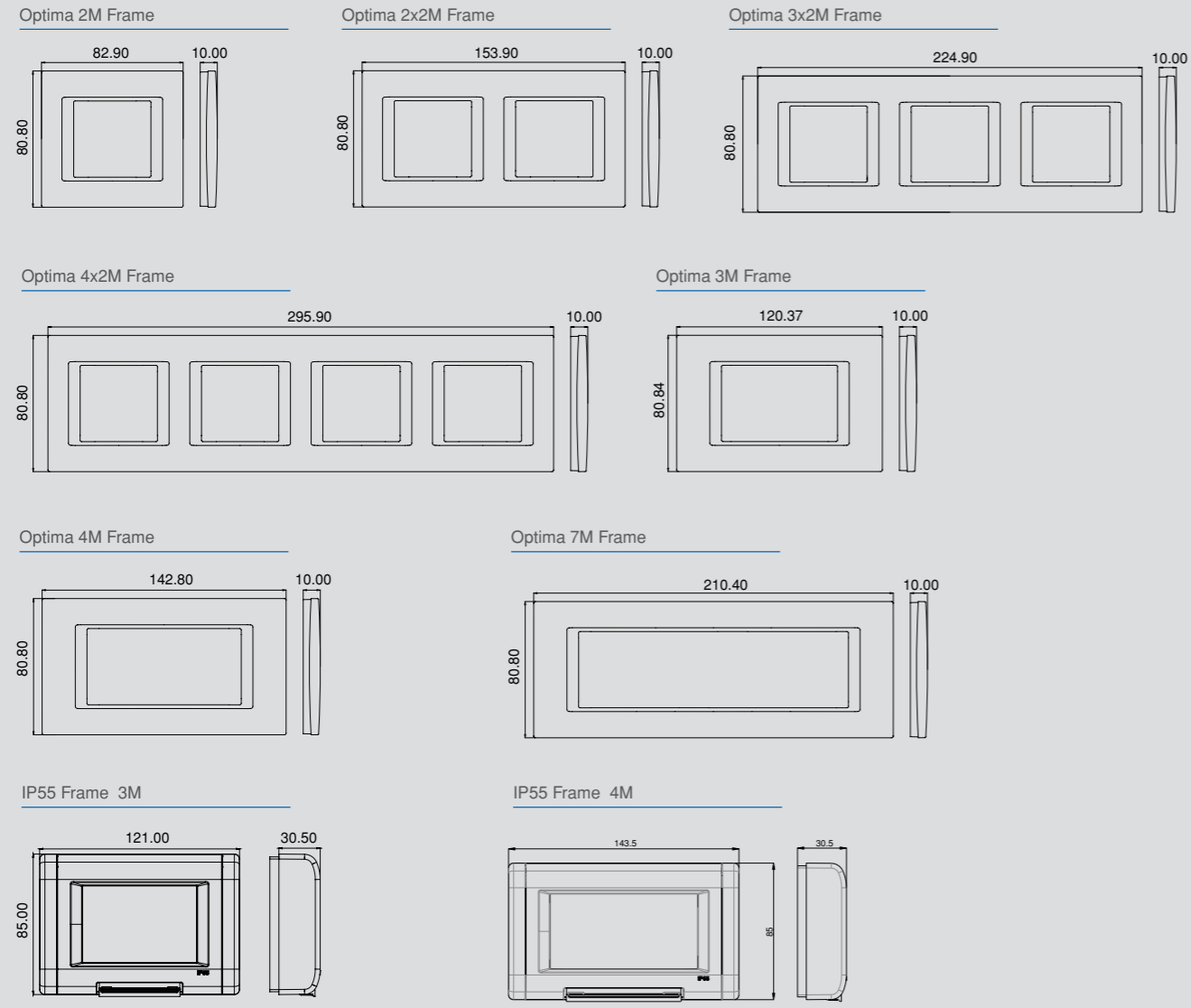


Sistema 7M Frame



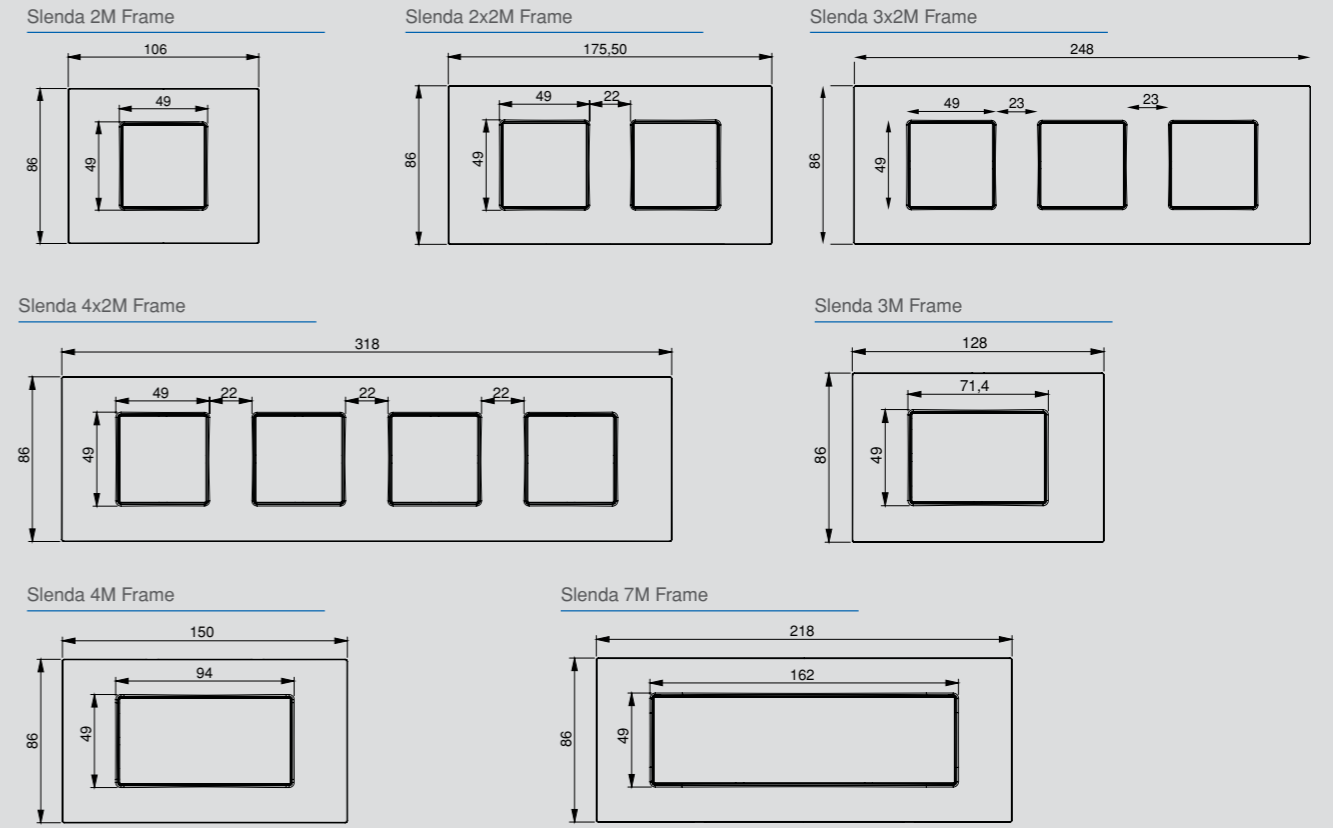
Frame Dimensions

Optima



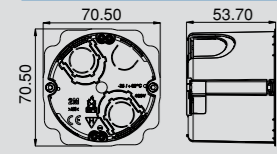
Frame Dimensions

Slenda



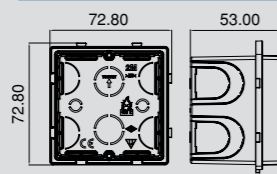
Wall Box Dimensions

Drywall Box 2M



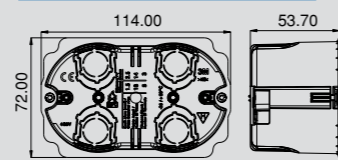
Thea Slenda is not compatible with 2M drywall mounting box.  
Compatible Series: Thea Ultima, Sistema and Optima

Wall Mount Box 2M



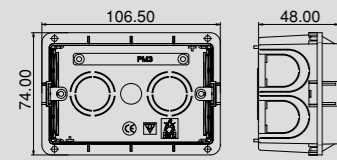
Compatible Series: Thea Ultima, Sistema and Optima

Drywall Box 3M



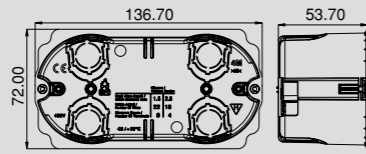
Compatible Series: Thea Ultima, Sistema and Optima

Wall Mount Box 3M



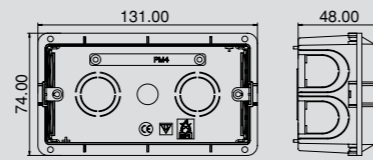
Compatible Series: Thea Ultima, Sistema and Optima

Drywall Box 4M



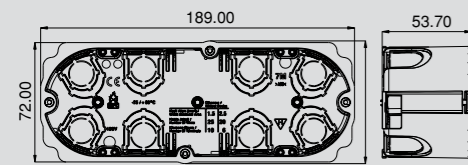
Compatible Series: Thea Ultima, Sistema and Optima

Wall Mount Box 4M



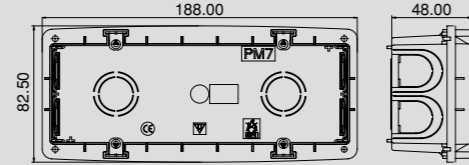
Compatible Series: Thea Ultima, Sistema and Optima

Drywall Box 7M



Compatible Series: Thea Ultima, Sistema and Optima

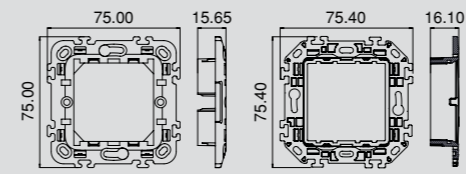
Wall Mount Box 7M



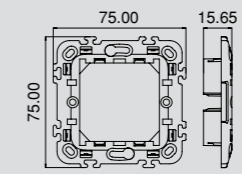
Compatible Series: Thea Ultima, Sistema and Optima

Mounting Frame Dimensions

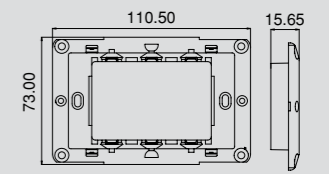
Mounting Frame 2M



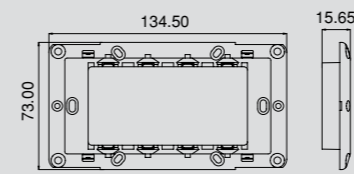
Metal Mounting Frame 2M



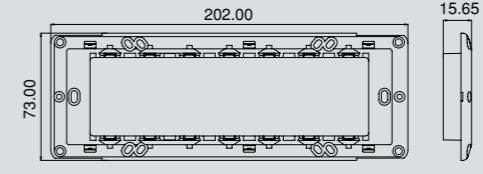
Mounting Frame 3M



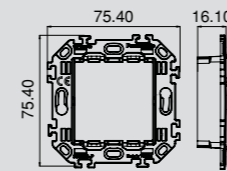
Mounting Frame 4M



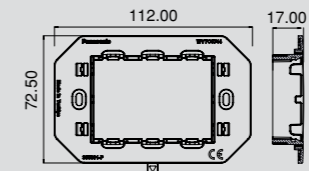
Mounting Frame 7M



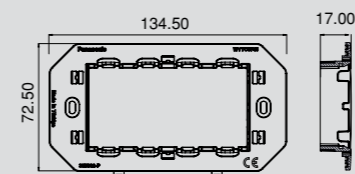
Slenda Mounting Frame 2M



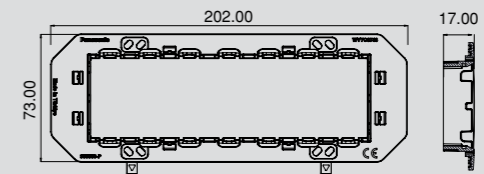
Slenda Mounting Frame 3M



Slenda Mounting Frame 4M



Slenda Mounting Frame 7M



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