Unno
A cocktail of colours
Unno
Design within everyone’s reach
You’ll find it hard to choose! The great variety of colours in the Unno range is the key to creating a great home, full of life and harmony. Design, technology, respecting the environment, versatility and beauty. Unno makes its mark via a wide range of tones and colours that can create a personalised room or home. Designed to meet your decorative and design expectations, Unno is the winning choice.
Versatility, choose your colour! If you want to have a home that will make you smile, the Unno range is for you. Its simple and modern design adds style and personality to your designs, always with a special colourful touch.
Quality and design within everyone’s reach

The Unno range with its colours, straight lines and its simple design brings personality to your home, while offering a unique and contemporary look.

We offer an elegant range, incorporating high technology while respecting the environment. We now know it is possible to align beauty, functionality, quality and sustainability, while placing great design within reach of all.

Unno is design

Its straight lines and simplicity provide an elegant and contemporary look; added to the colours that adapt to all the latest trends. With different side finishes, Unno is the perfect combination, bringing life to covers and switches, and ultimately, to your home.

Unno is technology

ABB’s experience over the years can now be seen in the new mechanisms: manufactured using raw materials within the guidelines proposed by international environmental protection organisations such as (RoHS, IEC, INMETRO), the Unno switches are the most ideal for new energy saving light bulbs, incorporating childproofing in the 2P + T connections in all their products.

Unno is versatile

Only ABB has been able to create a range that comes with all the benefits of the highest quality, adapted to market needs in relation to both design as well as ease of installation and safety. Unno is versatility that matches your style.

Unno is versatility that matches your style.
Unno is eco-design

The Unno line has a low environmental impact in each of its design, production, logistics, sales, use and recycling processes.

ABB is a pioneer in offering an eco-project range for both covers and switches.

Always concerned with social and environmental well-being associated with the use of new technologies; ABB contributes to the construction of a better world for future generations.

These are some of Unno’s contributions to environmental conservation:

- The Unno bulbs, using LED technology, bring a 80% reduction in energy use with their useful life lasting 10 years.
- The Unno range uses recyclable and reusable materials.
- Optimised raw materials offering energy savings during manufacturing processes.
All its uses
Quality technical design

New mechanism design
More functional and simple, allowing safer operation and preventing direct and indirect contact. 46 mm x 22 mm cover with 27 mm mechanism height.

Robust mechanism design
Contact function via indirect swaying and forced shut-off. This system offers robustness and durability, increasing its useful life.

Advanced connection
The direct contact connection system prevents the cable from moving, keeping it in place despite the temperature, movement or passing of time affecting the connection.

Safety
All the products in the Unno range come with childproofing measures ensuring everybody’s safety, including children under the most adverse conditions, complying with ABNT NBR 60884-1:2004 + decree 085 regulations: 03-04-2006 and NBR 14136:2002.

Reinforced mounting
With exclusive mounting system that prevents it from becoming displaced or sunken. Manufactured from polycarbonate, a hard wearing and rigid material.
Rapid connection

Extraction and front setting mechanism. Two installation options that ensure mechanisms are perfectly aligned:
1. Mounting assembly and subsequent connection
2. Connection and subsequent mounting assembly

Visibility

White LED lighting offer higher luminosity. Energy savings. Up to 80% longer lasting.

Large cover sizes

Allows the correction of possible imperfections when installing wall switches.
A peaceful home
Quality technical design

The Unno range has been made based on ABB's experience in residential ranges that were designed to improve electrical installations, user safety, as well as to provide customer well-being.

The colours on offer in this range give life and exclusivity to your home. Making Unno a minimalist range, using straight and simple lines, the side colours give personality to each part, creating exclusive ambiences. The Unno range offers versatility and comfort without forgetting about design.
Unno is versatility and comfort
Wide variety of colours

Mounting plate finishes in:
White (WH), Black (NG),
Grey (GR), Gold (GO),
Chocolate (CH), Tangerine (TG),
Cherry (CH), Lilac (LL),
Mint (MN), Mustard (MS) and Blue (BL).

Frame finishes in:
Mustard (MS), Chocolate (CT),
Tangerine (MD), Blueberry (AR),
Lilac (LL), Mint (MN), Caramel (CR) and Blue (AZ).
## Unno

### 1-way switches

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1101 BL</td>
<td>2CLA110100N1101</td>
<td>30</td>
</tr>
<tr>
<td>White/Black</td>
<td>N1101 BN</td>
<td>2CLA110100N1801</td>
<td>30</td>
</tr>
</tbody>
</table>

**Switch 1-gang, 1-way, SP - 1 M**
- Rated voltage: 110 - 250 Vac.
- Rated current: 10 AX.
- Screw terminals.
- Optional: locator LED lamp N1191 BL (127 Vac).

### 2-way switches

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1102 BL</td>
<td>2CLA110200N1102</td>
<td>30</td>
</tr>
<tr>
<td>White/Black</td>
<td>N1102 BN</td>
<td>2CLA110200N1802</td>
<td>30</td>
</tr>
</tbody>
</table>

**Switch 1-gang, 2-way, SP - 1 M**
- Rated voltage: 110 - 250 Vac.
- Rated current: 10 AX.
- Screw terminals.
- Optional: locator LED lamp N1191 BL (127 Vac).

### Intermediate switches

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1110 BL</td>
<td>2CLA111000N1101</td>
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<tr>
<td>White/Black</td>
<td>N1110 BN</td>
<td>2CLA111000N1802</td>
<td>30</td>
</tr>
</tbody>
</table>

**Switch 1-gang, intermediate, SP - 1 M**
- Rated voltage: 110 - 250 Vac.
- Rated current: 20 AX.
- Screw terminals.
- Optional: locator LED lamp N1191 BL (127 Vac).

### Double pole switches

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1101.7 BL</td>
<td>2CLA110170N1102</td>
<td>5</td>
</tr>
<tr>
<td>White/Black</td>
<td>N1101.7 BN</td>
<td>2CLA110170N1802</td>
<td>5</td>
</tr>
</tbody>
</table>

**Switch 1-gang, 1-way, DP - 1 M**
- Rated voltage: 110 - 250 Vac.
- Rated current: 20 AX.
- Screw terminals.

### Switches with indicator light

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1101.3 BL</td>
<td>2CLA110130N1102</td>
<td>30</td>
</tr>
<tr>
<td>White/Black</td>
<td>N1101.3 BN</td>
<td>2CLA110130N1802</td>
<td>30</td>
</tr>
</tbody>
</table>

**Switch 1-gang, 1-way, SP - 1 M**
- Rated voltage: 110 - 250 Vac.
- Rated current: 10 AX.
- Screw terminals.
- Included: locator LED lamp N1191 BL (127 Vac).

### Push buttons

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1104 BL</td>
<td>2CLA110400N1102</td>
<td>30</td>
</tr>
<tr>
<td>White/Black</td>
<td>N1104 BN</td>
<td>2CLA110400N1802</td>
<td>30</td>
</tr>
</tbody>
</table>

**Push-button, SP with bell symbol - 1M**
- Rated voltage: 110 - 250 Vac.
- Rated current: 10 AX.
- Screw terminals.
- Optional: locator LED lamp N1191 BL (127 Vac).

### Locator light

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1191 BL</td>
<td>2CLA119100N1002</td>
<td>10</td>
</tr>
</tbody>
</table>

**Locator LED lamp kit - 127 Vac - 1M**
- Suitable for all the switches and push buttons.
- White light.
- Rated voltage: 110 - 250 Vac.
- Rear connection with 2 cables.
- Rated current: <0.2 mA. Specially designed for CFL and LED lamps.
### Sockets

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
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<tbody>
<tr>
<td>White</td>
<td>N1128 BL</td>
<td>2CLA112800N1102</td>
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<tr>
<td></td>
<td>N1328 BL</td>
<td>2CLA132800N1102</td>
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<tr>
<td>White</td>
<td>N1135 BL</td>
<td>2CLA113500N1102</td>
<td>30</td>
</tr>
<tr>
<td>White</td>
<td>N1138 BL</td>
<td>2CLA113800N1102</td>
<td>30</td>
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<tr>
<td>White</td>
<td>N1136 BL</td>
<td>2CLA113600N1102</td>
<td>20</td>
</tr>
<tr>
<td>White</td>
<td>N1136.2 BL</td>
<td>2CLA113620N1102</td>
<td>20</td>
</tr>
<tr>
<td>Red</td>
<td>N1136 RJ</td>
<td>2CLA113600N7002</td>
<td>20</td>
</tr>
<tr>
<td>Red</td>
<td>N1136.2 RJ</td>
<td>2CLA113620N7002</td>
<td>20</td>
</tr>
</tbody>
</table>

### USB chargers

<table>
<thead>
<tr>
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<th>Article-No.</th>
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<th>Pack/Qty</th>
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<tbody>
<tr>
<td>White</td>
<td>N1185 BL</td>
<td>2CLA118500N1102</td>
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<tr>
<td>White</td>
<td>N1185.2 BL</td>
<td>2CLA118520N1102</td>
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</table>
## Unno

### TV socket outlets

<table>
<thead>
<tr>
<th>Color</th>
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</thead>
<tbody>
<tr>
<td>White</td>
<td>N1150 BL</td>
<td>2CLA115000N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

#### TV terminal outlet F-type - 1M
- Single TV outlet - Dead-end.
- F type.
- For 75Ω impedance coaxial cable.
- Frequency range: 0 - 2.000 MHz.
- Working voltage: 250 VRMS max.
- Dielectric withstand voltage: 500 VRMS min.
- Contact resistance:
  - 5 mΩ max. (center contact).
  - 2 mΩ max. (outer contact).
- Insulator resistance: 1,000 MΩ min.

### Telephone outlets

<table>
<thead>
<tr>
<th>Product</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone outlet RJ11 - 1M</td>
<td>N1117 BL</td>
<td>2CLA111700N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

#### Telephone outlet RJ11 - 1M
- RJ11 type connector.
- 4 contacts.
- Suitable for 2 or 4 contacts jack.
- Screw terminals.

### Data outlets

<table>
<thead>
<tr>
<th>Color</th>
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</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1118.5 BL</td>
<td>2CLA111850N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

#### Data outlet R345 Cat.5e UTP
- R345 type connector.
- Cat. 5e UTP.
- In compliance with ANSI/TIA/EIA 568B.2 , ISO/IEC11801 & EN50173.
- Universal TIA/EIA 568A and 568B labeling.
- Housing: ABS UL-94-0.
- Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).
- IDC: PC UL94V-0, Accept 22-26AWG solid wire.
- Contact: R345 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.
- Tool-less wiring.
- To be installed with N2118.1, N2218.1 and N2218.2 cover plates.

#### Data outlet R345 Cat.6 UTP
- R345 type connector.
- Cat. 6 UTP.
- In compliance with ANSI/TIA/EIA 568B.2 , ISO/IEC11801 & EN50173.
- Universal TIA/EIA 568A and 568B labeling.
- Housing: ABS UL-94-0.
- Durability: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).
- IDC: PC UL94V-0, Accept 22-26AWG solid wire.
- Contact: R345 8P8C, 3~50 micro-inch gold plating over nickel plated on contact area.
- Tool-less wiring.
- To be installed with N2118.1, N2218.1 and N2218.2 cover plates.

### VDI outlets

<table>
<thead>
<tr>
<th>Color</th>
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<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1155.2 BL</td>
<td>2CLA115520N1102</td>
<td>1</td>
</tr>
</tbody>
</table>

#### 2x RCA connection unit - 1M
- Front: 2x RCA connectors (Red / White).
- Rear: screw terminals (4 wires).

#### 3x RCA connection unit - 1M
- Front: 3x RCA connectors (Red / White / Yellow).
- Rear: screw terminals (6 wires).

#### Mini-Jack connection unit - 1M
- Front: 1x Mini-Jack connector (3.5 mm. stereo audio jack).
- Rear: screw terminals (3/4 wires).

#### VGA connection unit - 1M
- Front: 1x VGA connector (DE-15 connector).
- Rear: screw terminals (15 wires).

#### HDMI connection unit - 1M
- Front: 1x HDMI connector (Type A connector).
- Rear: screwless terminals (20 wires).

#### HDMI female-female connection unit - 1M
- Front: 1x HDMI connector (Type A connector).
- Rear: 1x HDMI connector (Type A connector) fitted at 90º angle.

#### USB connection unit - 1M
- Front: 1x USB 2.0 connector (Type A connector).
- Rear: screwless terminals (5 wires).

#### USB female-female connection unit - 1M
- Front: 1x USB 2.0 connector (Type A connector).
- Rear: 1x USB 2.0 connector (Type A connector) fitted at 90º angle.
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#### Light controls - Rotatory dimmers

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1160 BL</td>
<td>2CLA116000N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

**Rotatory/push dimmer 127V - 1M**
- Rated voltage: 110 - 127 Vac.
- Incandescent lamps: 50 - 500 W.
- Halogen lamps: 50 - 500 W.
- Overload and short-circuit protection with fuse (Not resetable).

#### Buzzer

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1119 BL</td>
<td>2CLA111900N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

**Buzzer - 1M**
- Rated voltage: 110 - 230 Vac.
- Sound level at 1 meter: 75dB.
- Adjustable volume with screwdriver.

#### Blank covers / Cable outlets

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1107 BL</td>
<td>2CLA110700N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

**Cable outlet - 1M**
- Includes a clamp to fix the cable.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>White</td>
<td>N1100 BL</td>
<td>2CLA110000N1102</td>
<td>20</td>
</tr>
</tbody>
</table>

**Blank cover - 1M**
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**Unno Frames**

BL  White  MS  Mustard  CT  Chocolate  MD  Tangerine

AR  Blueberry  LL  Lilac  MN  Mint  CM  Caramel  AZ  Blue

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**Mounting plates**

BL  White  NG  Black  GP  Silver Gray  DO  Golden  MS  Mustard  CT  Chocolate

MD  Tangerine  AR  Blueberry  LL  Lilac  MN  Mint  CM  Caramel  AZ  Blue
## Unno

White frames without mounting plate

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1370 BL</td>
<td>2CLA137000N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 1-gang frame - 1 module vertical
- **Dimensions:** 115 x 80 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1371.1 BL</td>
<td>2CLA137100N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 1-gang frame - 1 module
- **Dimensions:** 115 x 80 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

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</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1371 BL</td>
<td>2CLA137100N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 1-gang frame - 2 modules
- **Dimensions:** 115 x 80 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

<table>
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<tr>
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<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1372 BL</td>
<td>2CLA137200N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 2-gang frame - 1+1 modules
- **Dimensions:** 115 x 80 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

<table>
<thead>
<tr>
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<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1371.2 BL</td>
<td>2CLA137200N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 1-gang frame - 3 modules
- **Dimensions:** 115 x 80 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1373 BL</td>
<td>2CLA137300N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 2-gang frame - 1+1 modules
- **Dimensions:** 115 x 128 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

<table>
<thead>
<tr>
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<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1371.2 BL</td>
<td>2CLA137200N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 2-gang frame - 1+1+1 modules
- **Dimensions:** 115 x 128 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1371.4 BL</td>
<td>2CLA137400N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 2-gang frame - 2+2 modules
- **Dimensions:** 115 x 128 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

<table>
<thead>
<tr>
<th>Color</th>
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<th>Order-No.</th>
<th>Pack/Qty</th>
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</thead>
<tbody>
<tr>
<td>White</td>
<td>N1672.2 BL</td>
<td>2CLA167200N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 4-gang frame - 1+1+1+1 modules
- **Dimensions:** 115 x 128 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
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</thead>
<tbody>
<tr>
<td>White</td>
<td>N1671.4 BL</td>
<td>2CLA167400N1102</td>
<td>10</td>
</tr>
</tbody>
</table>

### 2-gang frame - 3+3 modules
- **Dimensions:** 115 x 128 mm.
- Not included: mounting plate N1373.9 XX.
- Flush mounting boxes code: 499.3.
- Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>N1673.2 BL</td>
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## Unno

Colored frames without mounting frame

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<th>Pack/Qty</th>
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<td>Mandarin</td>
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<tr>
<td>Mustard</td>
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<tr>
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</tr>
<tr>
<td>Lilac</td>
<td>M1373 LL</td>
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</tbody>
</table>

**1-gang frame - 3 modules**
Dimensions: 115 x 80 mm.
Not included: mounting plate N1373.9 XX.
Flush mounting boxes code: 499.3.
Frame and mounting plate also suitable for 3 module Italian type boxes, 4"x2" Brazilian boxes and American boxes.

---

**Unno**

A COCKTAIL OF COLOURS
## Unno
### Mounting frames

#### 1-gang mounting frame - 2 modules vertical
With colored decorative contour. 2 modules in vertical. For N1371 and N1372 frames. Dimensions: 115 x 80 mm. Flush mounting boxes code: 499.3. Frame and mounting plate also suitable for 3 module Italian type boxes, 4”x2” Brazilian boxes and American boxes.

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
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</thead>
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<td>Golden</td>
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<td>N1371.9 MD</td>
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<tr>
<td>Blueberry</td>
<td>N1371.9 AR</td>
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<tr>
<td>Lilac</td>
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<td>Mint</td>
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<tr>
<td>Mustard</td>
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<tr>
<td>Blue</td>
<td>N1371.9 AZ</td>
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</table>

#### 1-gang mounting frame - 3 modules
With colored decorative contour. 3 modules. For N1371, N1372, N1372.2 and N1373 frames. Dimensions: 115 x 80 mm. Flush mounting boxes code: 499.3. Frame and mounting plate also suitable for 3 module Italian type boxes, 4”x2” Brazilian boxes and American boxes.

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
</tr>
</thead>
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<tr>
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<tr>
<td>Black</td>
<td>N1373.9 NG</td>
<td>2CLA137390N1502</td>
<td>10</td>
</tr>
<tr>
<td>Silver gray</td>
<td>N1373.9 GP</td>
<td>2CLA137390N1302</td>
<td>10</td>
</tr>
<tr>
<td>Golden</td>
<td>N1373.9 DO</td>
<td>2CLA137390N2702</td>
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</tr>
<tr>
<td>Chocolate</td>
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<td>2CLA137390N2602</td>
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</tr>
<tr>
<td>Tangerine</td>
<td>N1373.9 MD</td>
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<td>Blueberry</td>
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<td>Blue</td>
<td>N1373.9 AZ</td>
<td>2CLA137390N2002</td>
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</tr>
</tbody>
</table>

#### 2-gang mounting frame - 3+3 modules
With colored decorative contour. 3+3 modules. For N1671.2, N1672.2, N1671.4 and N1673.2 frames. Dimensions: 115 x 128 mm. For 4” x 4” Brazilian boxes.

<table>
<thead>
<tr>
<th>Color</th>
<th>Article-No.</th>
<th>Order-No.</th>
<th>Pack/Qty</th>
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<tbody>
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<tr>
<td>Chocolate</td>
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<td>Tangerine</td>
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<tr>
<td>Blueberry</td>
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<td>Blue</td>
<td>N1673.9 AZ</td>
<td>2CLA167390N2002</td>
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</tr>
</tbody>
</table>
Diagrams & dimensions

Thinking of making your job easier. We create these supports to optimize your time. We provide all the technical information, diagrams and dimensions of each of our products in a clear and precise manner to facilitate understanding.
---

**Switches**

Optional: locator light

1-way switch

![1-way switch](image)

2-way switch

![2-way switch](image)

2-way switch - Intermediate switch - 2-way switch

![2-way switch - Intermediate switch - 2-way switch](image)

With locator light

1-way switch with indicator light

![1-way switch with indicator light](image)

2-way switch with indicator lamp

![2-way switch with indicator lamp](image)

Socket outlets

1-module socket outlets

![1-module socket outlets](image)

3-module duplex socket outlets

![3-module duplex socket outlets](image)
1. Technical data:
   - Rated input voltage: 100 - 240 V AC ± 10 %
   - Rated input frequency: 50 - 60 Hz
   - Rated input current:
     N1185.2: 0,20Aac@max load
     N1185: 0,12Aac@max load
   - Consumption in standby:
     N1185.2: <10 mW@230 VAC
     N1185: <= 0,3W@230 VAC
   - Rated output voltage: 5 V DC +5 / -5 %
   - Rated output current:
     N1185.2: 2000 mA a 5 V DC
     N1185: 750 mA a 5 V DC
   - Operating temperature:
     N1185.2: 0°C to 45°C, when installing
     a N1185.2. 0°C to 30°C, when two
     N1185.2 chargers together
     N1185: 0° C + 45° C
   - Energy efficiency:
     N1185.2: > 79%
     N1185: >= 66%

2. Electrical safety data:
   - Safety standard: EN60950-I - Low Voltage Directive
   - Protection class: II - Low voltage
   - Isolation (primary-secondary): Transformer with galvanised isolation
   - EMC Directive: EN 55022, EN 55024

3. Wiring diagram

4. Installation

---

USB chargers
N1185 & N1185.2

---

Data outlets - RJ45 Cat. 5e UTP female connector
N1118.5

---

Telephone outlets
N1117

---

UNNO A COCKTAIL OF COLOURS

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23
Data outlets - RJ45 Cat. 6 UTP female connector
N1118.6

1 Preparing the Cable

1.1 Cut approximately 5 cm. off the jacket.
1.2 Open approx. 10 cm. of the jacket with a cutter cord or another tool.
1.3 Cut the jacket.
1.4 Cut the mesh (if it has one and the cord at the same level of the jacket).

2 Preparing the Conductors

2.1 Select the adequate wiring scheme (568A or 568B) and place the pairs in a straight line.
2.2 Position each of the four pairs in the holes of the end piece.
2.3 Ensure the end piece is located as close as possible to the edge of the jacket.
2.4 Place the pairs in the direction of the end piece slots.
2.5 Insert the end piece into the module.
2.6 Unbraid the pairs, position and insert the cable in the module slots. Place the solid colour cable in the first slot of the pair.

3 Conductor Terminations

3.1 Place the tool perpendicular to the module and finish cutting the cables.

4 Placing the Cable

4.1 Place the cable in the upper, perpendicular, or lower position so that it is easy to insert the module in the box for attachment.

5 Disassembling the module from the supporting piece

5.1 Push the front of the module in with your thumb releasing the hooks.
5.2 Pry upwards to release the upper hook.
5.3 Pry downwards to release the lower hook.
**VDI connectors**

**N2155.2**
- Pin Out: 1G = W/GND, 1B = White, 3G = R/GNB, 3R = red
- Left Audio
- Right Audio

**N2155.3**
- Pin Out: 1G = Y/GND, 1A = Yellow, 2G = W/GND, 2B = White, 3G = R/GND, 3R = Red
- Composite Video
- Left Audio
- Right Audio

**N2155.4**
- Pin Out: R = Red, G = Ground, L = White
- Left Audio
- Right Audio

**N2155.7**
- Pin 1 = +5V Power
- Pin 2 = Hot Plug Detect
- Pin 3 = D- (green)
- Pin 4 = D+ (red)
- Pin 5 = SCL (blue)
- Pin 6 = SDA (green)
- Pin 7 = DDC/CEC Ground (yellow)
- Pin 8 = Reserved (N.C. on device, gray)
- Pin 9 = CEC (orange)
- Pin 10 = GND (white)
- Pin 11 = ID0 (purple)
- Pin 12 = ID1 (white)
- Pin 13 = HSYNC (red)
- Pin 14 = VSYNC (green)
- Pin 15 = ID2 (blue)
- Pin 16 = Shielded

**N2155.5**
- Pin 1 = TIMDS Data2+ (Group 1 = pink)
- Pin 2 = TIMDS Data2- (Group 2 = green)
- Pin 3 = TIMDS Data1+ (Group 3 = gold)
- Pin 4 = TIMDS Data1- (Group 4 = silver)
- Pin 5 = TIMDS Data0+ (white)
- Pin 6 = TIMDS Data0- (white)
- Pin 7 = TIMDS Clock+ (white)
- Pin 8 = TIMDS Clock- (white)
- Pin 9 = CEC (white)
- Pin 10 = Reserved (N.C. on device, white)

**Note:**
Using a strap for fixing the cable to the board is recommended to avoid disconnections. For this, the plates have two through-holes at its rear end.
1 Module dimmer
N1160 & N1160.1

1. Technical Data
Voltage:
N1160: 127 V~; 60 Hz
N1160.1: 230 V~; 50-60 Hz
Power:
N1160: 50-500 W
N1160.1: 50-700 W
Operating temperature: 0 – 30° C

2. Assembly/Connection
2.1. Assembly
Important:
If the dimmer is installed next to another electronic device that can produce heat, the maximum power must be reduced in half. If it is installed between two electronic devices that can produce heat, the maximum power must be reduced to the fourth.

2.2. Connection
Important:
Disconnect the power supply when installing.

Table 1:
Power reduction (%) as a function of temperature (°C)

3. Operation
Do not exceed the maximum shown in Table 1, since the dimmer has a NON-resettable thermal fuse. If the fuse is triggered, the electronic dimmer is useless for further use. In case of exceeding the maximum load, the fuse could not trig but it may happen that the load will not turn off.

Buzzer
N1119

1. Technical data
Rated voltage: 127-230 Vac / 50-60 Hz.
Rated power: 8 VA.
Adjustable tone.
Acoustic power at 1 meter with cover plate: 75 dB.

2. Wiring diagram:
Frames