High level color coordination taking your living environment to the next level.

**FULL-COLOR WIDE SERIES A-TYPE**

**CREATES THE LIFESTYLE YOU DESIRE**

Luxurious appearance with a full color variation base helping enriching any type of environment.

**TROUBLE-FREE SWITCHING MECHANISM**

Advanced combination of high-conductivity heat-resistant copper, coil spring and outstanding resistant silver alloy contacts.

**HIGHLY RELIABLE SAFETY FEATURES**

- European RoHS directive compliant, completely free from Cd, Hg, Cr6+, Pb, PBBs, PBDEs.
- Fire retardant material in use to prevent core components from burning.
- SASO Quality Marking compliant.

Refina A-TYPE FULL-COLOR SERIES

BS-TYPE
**FULL-COLOR WIDE SERIES Refina A-TYPE**

### Dimensions of Applicable Box

- **Plate**: 70 × 120 mm
- **Box**: 51 × 102 mm
- **Fixing Center**: 83.5 mm

### Switches

- **WEGP515117**: WEGP51517
  - 1-Way Switch, 16A 250V, 1-Gang 3-Device Plate
- **WEGP515127**: WEGP51527
  - 2-Way Switch, 16A 250V, 1-Gang 3-Device Plate
- **WNG5001H-791**: WNG501H
  - 1-Way Switch, 15A 250V, 1-Gang 1-Device Plate
- **WNG5002H-791**: WNG502H
  - 2-Way Switch, 15A 250V, 1-Gang 1-Device Plate
- **WEGP515217**: WEGP51527
  - 2-Way Switch, 16A 250V, 1-Gang 3-Device Plate
- **WEGP525227**: WEGP52527
  - 1-Way Switch, 16A 250V, 1-Gang 3-Device Plate
- **WNG5001H-791 X 2**: WNG501H
  - 2-Way Switch, 15A 250V, 1-Gang 1-Device Plate
- **WNG5002H-791 X 2**: WNG502H
  - 2-Way Switch, 15A 250V, 1-Gang 1-Device Plate
- **WEGP535327**: WEGP535327
  - 1-Way Switch, 16A 250V, 1-Gang 3-Device Plate
- **WNG5001H-791 X 3**: WNG501H
  - 3-Way Switch, 15A 250V, 1-Gang 1-Device Plate
- **WNG5002H-791 X 3**: WNG502H
  - 3-Way Switch, 15A 250V, 1-Gang 1-Device Plate

### Switches (continued)

- **Combination Model number**
  - **WNGP5130630**: WNGP5130630
  - 1-Way Switch, 15A 250V, 1-Gang 1-Device Plate
  - **WNGP5230630**: WNGP5230630
  - 2-Way Switch, 15A 250V, 1-Gang 1-Device Plate

### Socket Outlets

- **WEGP51017H**: WEGP51017
  - Universal Socket with Shutter (Non-SASO Standard)
- **WEG11081**: WEG11081
  - Universal Grounding Socket (Non-SASO Standard)
- **WEG12081**: WEG12081
  - Universal Grounding Socket (Non-SASO Standard)
- **WEG13081**: WEG13081
  - Universal Grounding Socket (Non-SASO Standard)
- **WEG11532**: WEG11532
  - Universal Switched Socket (Non-SASO Standard)
- **WEG6801**: WEG6801
  - Universal Switched Socket (Non-SASO Standard)
- **WEG6802**: WEG6802
  - Universal Switched Socket (Non-SASO Standard)
- **WEG6803**: WEG6803
  - Universal Switched Socket (Non-SASO Standard)
- **WEG6804**: WEG6804
  - Universal Switched Socket (Non-SASO Standard)
- **WEG6805**: WEG6805
  - Universal Switched Socket (Non-SASO Standard)

### Variety of Colors

- **Metallic White**
- **Metallic Pearl White**
- **Metallic Gray**
- **Metallic Black**
- **Metallic Gold**
- **Metallic Brown**
- **Metallic Dark Brown**
FULL-COLOR WIDE SERIES Refina A-TYPE

Socket Outlets

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
<th>Number of Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEG11517H</td>
<td>1-Gang Switch with Socket 16A 127V</td>
<td>1</td>
</tr>
<tr>
<td>WEG15527H</td>
<td>1-Gang Switch with Socket 16A 127V</td>
<td>1</td>
</tr>
<tr>
<td>WEG11101H</td>
<td>2-Gang Switch with Socket 16A 127V</td>
<td>2</td>
</tr>
<tr>
<td>WEG2786H</td>
<td>1-Gang Switch with Multiple Outlets</td>
<td>1</td>
</tr>
<tr>
<td>WEG2364H</td>
<td>4-Gang Switch with Multiple Outlets</td>
<td>4</td>
</tr>
<tr>
<td>WEG11861H</td>
<td>5-Gang Switch with Multiple Outlets</td>
<td>5</td>
</tr>
</tbody>
</table>

Fixing Center: 83.5 mm

Plate: 70 × 120 mm
Box: 51 × 102 mm

Dimensions of Applicable Box

Connections: 3-Wire Grounding Socket with Shutter 15A 127V

Variety of Colors

- Metallic White
- Metallic Pearl White
- Metallic Gray
- Metallic Black
- Metallic Gold
- Metallic Brown
- Metallic Dark Brown

Accessories

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>WEG2364H</td>
<td>Telephone Socket with Light and Switch 16A 127V</td>
</tr>
<tr>
<td>WEG2501H</td>
<td>Telephone Socket with Light and Switch 16A 127V</td>
</tr>
<tr>
<td>WEG2501H-P</td>
<td>Telephone Socket with Light and Switch 16A 127V</td>
</tr>
<tr>
<td>WEG57514H</td>
<td>1-Gang Center 2-Device Dimmer</td>
</tr>
<tr>
<td>WEG57515H</td>
<td>1-Gang Center 2-Device Dimmer</td>
</tr>
<tr>
<td>WEG57516H</td>
<td>1-Gang Center 2-Device Dimmer</td>
</tr>
</tbody>
</table>

Combination Model numbers

- WEGP4519940
- WEGP4519945
- WEGP4519630
- WEGP4519635
- WEGP4719140
- WEGP4719190
- WEGP4729660
- WEGP4729680
- WEGP4729830
- WEGP4729835
- WEGP5716380
- WEGP5719140
- WEGP5719145
- WEGP5719190
- WEGP5719260
- WEGP5719280
- WEGP5719320
- WEGP5719325
- WEGP5726350
- WEGP5726360
- WEGP5726380
- WEGP5726390

Metallic

- White
- Pearl White
- Gray
- Black
- Gold
- Brown
- Dark Brown
### Technical Specifications

- **Standards**: Comply with IEC60669-1
- **Rating**: 16AX
- **Ambient Temperature**: -10°C - +40°C
- **Terminal**: Pillar Terminal
- **Applicable Wire**:
  - Electric strength: 2,000V 1 min
  - Operation test: 40,000 Operations
  - Temperature rise: ≤ 20°C (2.5 mm²)
  - Not more than 45°C (Terminals)

- **Terminal Capacity**:
  - 1.5 mm² 
  - 2.5 mm² 
  - 4 mm² 

### Features

- **Improved contact reliability through our design using proprietary technology.**

- **Coil Spring Reversal Method**

  Panasonic’s proprietary coil spring reversal method causes the pressure applied on the connector to be stable, so that it does not become very hot. By keeping the bound small, the production of arc energy is minimised.

- **Urea Resin**

  - Excellent arc resistance, arc tracking resistance, flame retardance, heat resistance, color fastness.
  - Has good electrical performance and mechanical strength with excellent abrasion resistance.
  - Difficult to scratch, and there is virtually no adherence of dust due to static electricity.
  - Organic solvents and oily substances cannot permeate.

### Coil Spring Reversal Method

- **Effort Point**
- **Fulcrum Point**
- **Load Point**
- **Coil Spring**

### Terminal

- **Socket**
- **Switch**

- Flexible wire (class 5) also applicable
- Rigid | Solid or Stranded | Flexible (only class 5)

Copper Conductor Type
### Technical Specifications

- **Standards**: Comply with IEC60669-1
- **Rating**: 20A 250V~
- **Ambient Temperature**: -10°C ~ +40°C
- **Representative Performance**:
  - Electric strength: 2,000V 1 min
  - Operation test: 10,000 Operations
  - Temperature rise: Test current 25A (4 mm²)
    - Not more than 45K (Terminals)

### Features
- Switching mechanism uses a coil spring system for a longer service life.
- Made with flame-retardant and heat-resistant urea resin. Conductive section uses heat-resistant copper with superior anticorrosion property and conductivity for long-term stable, reliable performance.
- Accepts wires: 2.5 mm² ~ 6 mm² solid wire to flexible wire (class 5).

### Dimensions

#### BS-TYPE

<table>
<thead>
<tr>
<th>Switches 20A</th>
<th>BS-TYPE DP Switch with Indicator</th>
<th>A-TYPE DP Switch with Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEBP515117</td>
<td>WEBP525217</td>
<td>WEBP535317</td>
</tr>
</tbody>
</table>

#### A-TYPE

<table>
<thead>
<tr>
<th>Switches 20A</th>
<th>BS-TYPE DP Switch with Indicator</th>
<th>A-TYPE DP Switch with Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEBP515117</td>
<td>WEBP525217</td>
<td>WEBP535317</td>
</tr>
</tbody>
</table>

#### Applicable Box

<table>
<thead>
<tr>
<th>BS-TYPE</th>
<th>A-TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plate</td>
<td>86 x 86 mm</td>
</tr>
<tr>
<td>Box</td>
<td>72 x 72 mm</td>
</tr>
<tr>
<td>Fixing Center</td>
<td>60.3 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BS-TYPE</th>
<th>A-TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plate</td>
<td>70 x 120 mm</td>
</tr>
<tr>
<td>Box</td>
<td>51 x 102 mm</td>
</tr>
<tr>
<td>Fixing Center</td>
<td>83.5 mm</td>
</tr>
</tbody>
</table>

*BS-TYPE: M3.5 mounting screws included.
*A-TYPE: with screws for insert.
**Technical Details**

**Switches 45A**

- **BS-TYPE** DOE Switch with Indicator
- **A-TYPE** DP Switch with Indicator

![Switches Image](image1)

**Technical Specifications**

- **Standards**
  - Comply with BS3676:1989
- **Rating**
  - 45A, 250V~ (for a resistive circuit)
  - 25A, 250V~ (for a motor-load circuit)
- **Ambient Temperature**
  - -10°C ~ +40°C
- **Representative Performance**
  - Electric strength: 1,500V 1 min
  - Operation test: 10,000 Operations
  - Temperature rise: Test current 51A (10 mm²)
  - Not more than 45K (Terminals)

**Features**

- High-capacity silver contact for longer life.
- Made with flame-retardant and heat-resistant melamine phenol/urea resins.
- Conductive section uses heat-resistant copper with superior anticorrosion property and conductivity for long-term stable, reliable performance.
- Accepts wires: 4 mm² ~ 10 mm² solid wire and flexible wire.
- Both-in lighted indicator shows On/Off status.
- Normal gap double-pole switch (minimum contact gap: 3 mm) construction ensures safe load shut-off.

**Dimensions**

- **BS-TYPE**
  - DP Switch with Indicator
  - A-TYPE

![Dimensions Image](image2)

- **BS-TYPE**: 100W
- **A-TYPE**: 600W

---

**FULL-COLOR WIDE SERIES BS-TYPE, A-TYPE**

**FULL-COLOR WIDE SERIES Refina BS-TYPE, A-TYPE**

**Dimmer Switches**

- **BS-TYPE**
  - 1000W
- **A-TYPE**
  - 600W

![Dimmer Switches Image](image3)

**Technical Specifications**

- **WEQ5781103**
  - Rating: 220V-240V~ 50/60Hz 1000W
  - Ambient Temperature: 0°C ~ +35°C
  - Terminal: Pillar Terminal
  - Applicable Wire: 1 mm² ~ 4 mm²

**Features**

- New pillar terminal accommodates 1 mm² ~ 4 mm² solid wire to stranded wire.
- Compatible with 500VA copper/steel and step-down transformers.
- Applicable for low-voltage halogen lamp use.
- Applicable for 1000W incandescent lamp.

**Dimensions**

- **BS-TYPE**
  - 1000W
- **A-TYPE**
  - 600W

![Dimensions Image](image4)

- **BS-TYPE**: 100W
- **A-TYPE**: 600W

---

*Those products can't operate ventilating/ ceiling fan.*

---

*BS-TYPE: M3.5 mounting screws included.*
**Technical Specifications**

- **Standards**: Comply with BS1363-2
- **Rating**: 13A 250V~
- **Ambient Temperature**: -10°C ~ +40°C
- **Terminal**: Pillar Terminal
- **Applicable Wire**: 1.5 mm² - 6 mm²
- **Terminal Capacity**: 1.5 mm² ~ 3
- **Electric Strength**: 2,000V 1 min
- **Operation Test**: 10,000 times (30,000 movements)
- **Temperature Rise**: Test current 20A (2.5 mm²) Not more than 52K (Terminals)

**Features**

- Socket Outlet with a double-pole switch completely isolates load from power supply.
- Terminal Screw Terminal (Only coaxial core isn’t screw terminal type)
- Impedance Input, Outlet: 75Ω
- Coaxial cable Characteristic Impedance: 75Ω type: 5C - 2V, 3C - 2V
- Polypropylene enclosure with high anti-tracking properties.
- Included safety shutter prevents kids from tampering with switch.

**Dimensions**

- **Dimensions**
  - | BS-TYPE | DIN Type |
  - | Plate: 86 x 146 mm | Box: 72 x 132 mm |
  - | Fixing Center: 120.6 mm |
  - | Buttons: 20.7 mm |

- **Applicable Box**
  - | BS-TYPE | A-TYPE |
  - | WEB1111WK | WEB02901-P |
  - | WEB1122WK | WEB02901-P |

---

**Technical Specifications**

- **Connector Type (Outlet)**: DIN Type
- **Socket Outlet Housing**: Flame-retardant and heat-resistant urea resin with high anti-tracking properties.
- **Acceptable Wire**: 1.5 mm² - 6 mm² solid wire to flexible wire.
- **Both socket and switch parts made for enough switching capability.
- **Included safety shutter prevents kids from tampering with switch.**

**Features**

- "Easy Connect" terminal for direct insertion of coaxial cable core.
  - Insert fully and tighten clamp.

**Dimensions**

- **Dimensions**
  - | BS-TYPE | DIN Type |
  - | Plate: 86 x 86 mm | Box: 72 x 72 mm |
  - | Fixing Center: 60.3 mm |
  - | Buttons: 10.2 mm |

---

**Accessories - Television**

- **Accessories**: Full-Color Wide Series BS-TYPE, A-TYPE.
- **"Easy Connect" terminal for direct insertion of coaxial cable core.**
  - Insert fully and tighten clamp.
**Technical Specifications**

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>Terminal</th>
<th>Applicable Wire</th>
<th>Applicable Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Connect Terminal (Screwless Connection)</td>
<td>Paired quad-type PVC indoor cable: Core wire to be 0.6 mm, 0.5 mm, 0.65 mm, in diameter (solid copper only)</td>
<td>WEG2488 : 4-pair UTP cable, Category 5e</td>
<td>Conductor: solid copper wire, 22 AWG - 24 AWG (diameter: 0.5 mm-0.65 mm)</td>
</tr>
<tr>
<td></td>
<td>2-pair Business-phone indoor cable: Core wire to be 0.6 mm, 0.5 mm, 0.65 mm, in diameter (solid copper only)</td>
<td>WEG24886 : 4-pair UTP cable, Category 6</td>
<td>or stranded copper wire, 24 AWG</td>
</tr>
</tbody>
</table>

**Features**

- Quick Connect Terminal increases connection reliability.
- Quick Connect Terminal for easy connection.
- Simple Connection: Just insert cable into the terminal hole.
- Easy Cable Disconnection: Push removal button while pulling out cable.

**Dimensions**

<table>
<thead>
<tr>
<th>BS-TYPE</th>
<th>A-TYPE</th>
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<tbody>
<tr>
<td>92</td>
<td>120</td>
</tr>
<tr>
<td>70</td>
<td>86</td>
</tr>
<tr>
<td>83.5</td>
<td>10.2</td>
</tr>
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<td>10.2</td>
</tr>
<tr>
<td>9</td>
<td>60.3</td>
</tr>
<tr>
<td>86</td>
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</tr>
</tbody>
</table>

**Accessories - Telephone**

<table>
<thead>
<tr>
<th>WEG2488-P</th>
<th>WEG6801WK-P</th>
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<tbody>
<tr>
<td>WEB7811W</td>
<td>WEBP4519980F</td>
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**Accessories - LAN**

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<td>WEBP4519980F</td>
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</table>

**Technical Specifications**

- Connector Type: "8-way unshielded fixed connector (miniature 8-position modular jack)" specified in IEC 60603-7
- Terminal: IDC connection
- Applicable Cable: Paired quad-type PVC indoor cable: Core wire to be 0.4 mm, 0.5 mm, 0.65 mm, in diameter (solid copper only)
- 2-pair Business-phone indoor cable: Core wire to be 0.4 mm, 0.5 mm, 0.65 mm, in diameter (solid copper only)

**Features**

1. It's not necessary to use special wiring tool. 2-way connection
2. No need to untwist the wires. 2-way connection

**Dimensions**

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**Accessories - LAN**

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</tr>
<tr>
<td>19.3</td>
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</tr>
</tbody>
</table>
## Technical Details

### FULL-COLOR WIDE SERIES

**BS-TYPE, A-TYPE**

### FULL-COLOR WIDE SERIES Refina

**BS-TYPE, A-TYPE**

### Others

#### 4G Switch

<table>
<thead>
<tr>
<th>Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>** Standards:**</td>
</tr>
<tr>
<td>** Rating:**</td>
</tr>
<tr>
<td>** Ambient Temperature:**</td>
</tr>
<tr>
<td>** Representative Performance:**</td>
</tr>
<tr>
<td>** Temperature rise:**</td>
</tr>
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</table>

#### Universal Socket

<table>
<thead>
<tr>
<th>Technical Specifications</th>
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</thead>
<tbody>
<tr>
<td>** Standards:**</td>
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</tr>
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</tbody>
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#### Push Button

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<tbody>
<tr>
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<td>** Temperature rise:**</td>
</tr>
</tbody>
</table>

#### TV Socket F Type

<table>
<thead>
<tr>
<th>Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>** Connector Type (Buttel):**</td>
</tr>
<tr>
<td>** Terminal:**</td>
</tr>
<tr>
<td>** Impedance (input, outlet):**</td>
</tr>
<tr>
<td>** Applicable Cable:**</td>
</tr>
<tr>
<td>** Characteristics Impedance 75Ω type:**</td>
</tr>
</tbody>
</table>

#### 15A 3Pin Socket

<table>
<thead>
<tr>
<th>Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>** Standards:**</td>
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<td>** Rating:**</td>
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<td>** Ambient Temperature:**</td>
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</table>

#### American Socket

<table>
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<tbody>
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### Push Button

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### American Socket

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