





















Plate: 70 × 120 mm

Box: 51 × 102 mm

Fixing Center: 83.5 mm

























FULL-COLOR SERIES
A-TYPE























Plate : 70 × 120 mm

Box : 51 × 102 mm

Fixing Center : 83.5 mm

















Dimmer Switches













WNG5001-791 WNB7801

WNBP5110630



WNG5001-791 WNB7802

WNB7802 WNBP5120630



WNG5001-791 WNB7803

WNBP5130630





WNG5001-791 WNG6801W-P

WNGP5110630



WNG5001-791 WNG6802W-P

WNGP5120630



WNG5001-791 WNG6803W-P

WNGP5130630

Technical Specifications

- ➤ Standards
 Comply with IEC60669-1
- Rating 15AX 250V~
- ► Ambient Temperature
 - -10°C +40°C
- ► Representative Performance
 - ·Electric strength : 2,000V 1 min ·Operation test : 40,000 Operations
 - Temperature rise : Test current 20A (2.5 mm²)
 - Not more than 45K (Terminals)

- ▶ Terminal
- Screw Terminal
- Applicable Wire
 - 1.5 mm² 3.5 mm²
 - 14 AWG 12 AWG
- ► Terminal Capacity
 - $1.5 \text{ mm}^2 \times 1$
 - $3.5 \text{ mm}^2 \times 1$
 - 14 AWG × 1
 - 12 AWG × 1

*Supply terminal has 2 terminal holes.

Features

- Oclean designs and extensive product range.
- Ocompact tumbler switch delivers a distinct click feel.
- \bigcirc Made with flame-retardant and heat-resistant urea resins.
- \bigcirc Switching mechanism uses a coil spring system for a longer service life.
- O Metal plate makes the switch ideally suited for a wide range of uses, including offices and restaurants.

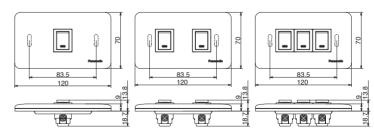




Dimensions

BS-TYPE 1Way Switch

A-TYPE 1Way Switch



TECHNICAL DETAILS

AUTOMATIC TIME SWITCH

FULL-COLOR SERIES BS-TYPE, A-TYPE

FULL-COLOR Series

Switches 20A

BS-TYPE DP Switch with Indicator



WBG5414699FC-SP WNB7801

WNBP5414600



WNG5343-761 WNB7801

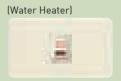
WNBP5414630

A-TYPE DP Switch with Indicator



WBG5414699FC-SP WNG6801W-P

WNGP5414600



WNG5343-761 WNG6801W-P

WNGP5414630

Technical Specifications

- ► Standards
 - Comply with BS3676
- ► Rating 20A 250V~
- ► Ambient Temperature
 - -10°C +40°C
- ► Representative Performance
 - ·Electric strength : 2,000V 1 min
 - : 10,000 Operations ·Operation test
 - ·Temperature rise : Test current 25A (4 mm²)
 - Not more than 45K (Terminals)

- ▶ Terminal
- Screw Terminal
- ► Applicable Wire
 - 2.5 mm² 4 mm²
 - 14 AWG 12 AWG
- ► Terminal Capacity
 - $1.5 \text{ mm}^2 \times 1$
 - $3.5 \text{ mm}^2 \times 1$
 - 14 AWG × 1
 - 12 AWG × 1

Features

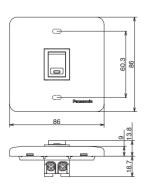
- O High-capacity silver contact for longer life.
- O Made with flame-retardant and heat-resistant melamine phenol/urea resins.
- Oconductive section uses heat-resistant copper with superior anticorrosion property and conductivity for long-term stable, reliable performance.
- O Accepts wires: 1.5 mm² 4 mm² solid wire and stranded wire.
- O Metal plate makes the switch ideally suited for a wide range of uses, including offices and restaurants.

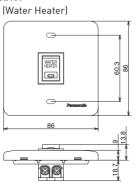


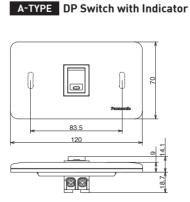


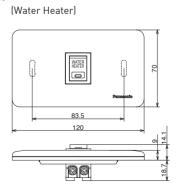
Dimensions

BS-TYPE DP Switch with Indicator









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

■ OLD MODEL WBG5408699 WNB7802

WNBP5428690

■ NEW MODEL WNBP5428690K



A-TYPE DP Switch with Indicator -



OLD MODEL WBG5408699 WN3020, WNG6803W-P

WNGP5438693

NEW MODEL WNGP5438693K

Technical Specifications

- ▶ Standards Comply BS EN 60669-1
- Rating 45A 250V~ (Resistive) Motor Full load current of 25A or less, power factor of 0.8 or more)
- ► Ambient Temperature
 - $-10^{\circ}C +40^{\circ}C$
- ► Representative Performance
 - ·Electric strength : 1.500V 1 min : 10,000 operations ·Operation test ·Temperature rise : Test current 51A (16 mm²)

Not more than 45K (Terminals)

- ▶ Terminal
 - Pillar Terminal
- Applicable Wire [Solid] 4 mm² [Stranded] 4 mm² - 16 mm² [AWG] AWG 10 - AWG 6
- ► Terminal Capacity

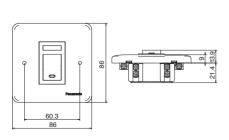
 $4 \text{ mm}^2 \times 2$ $6 \text{ mm}^2 \times 2$ $10 \text{ mm}^2 \times 1$ $16 \text{ mm}^2 \times 1$

Features

- O High-capacity silver contact for longer life.
- O Made with flame-retardant and heat-resistant melamine phenol/urea resins.
- Ocnductive section uses heat-resistant copper with superior anticorrosion property and conductivity for long-term stable, reliable performance.
- O Built-in lighted indicator shows On/Off status.
- O Normal gap double-pole switch (minimum contact gap: 3 mm) construction ensures safe load shut-off.
- O Double Earth Terminal.

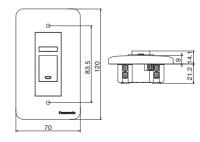
Dimensions

BS-TYPE DP Switch with Indicator



120.6

A-TYPE DP Switch with Indicator —



AUTOMATIC TIME SWITCH

FULL-COLOR SERIES BS-TYPE, A-TYPE

FULL-COLOR Series

Dimmer Switches

BS-TYPE 1000W

500W (Low Voltage) -

LED Dimmer



WNBP5781103



WEG578153-FC WNB7872

WNBP5781530



WEG57912-FC WNB7872

WNBP579120

Technical Specifications

WEG5781103-FC

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

WEG578153-FC

- Rating 220V - 240V~ 500W
- Ambient Temperature 0°C - +35°C
- Terminal Screw Terminal
- Applicable Wire 1 mm² - 2.5 mm²

WEG57912-FC

- ► Rating: 220V-240V~ 50/60Hz 200W (LED50W)
- ► Ambient Temperature : 0°C +35°C
- ► Terminal : Pillar Terminal
- ► Applicable Wire : 1 mm² 2.5 mm²
- ► Applicable Load 40W - 200W (Incandescent Lamp) 10VA to 200VA (Electronic Transformer) 50W/Max 8 Lamps (LED Bulbs)

Features

WEG5781103-FC

- O New pillar terminal accommodates 1 mm² - 4 mm² solid wire to stranded wire.
- O Compatible with 800VA copper/steel and step-down transformers. (applicable for low-voltage halogen lamp use)
- \bigcirc Applicable for 1000W incandescent lamp.

WEG578153-FC

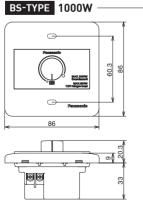
- Applicable Wires : 1 mm² -2.5 mm²
- O Compatible with 500VA copper/steel and step-down transformers.
- O Applicable for low-voltage halogen lamp use.
- O Applicable for 500W incandescent lamp.

WEG57912-FC

- \bigcirc Trailing edge circuit , proper for LED Bulbs.
- O Applicable to most LED major bulb brand (We recommend customer to check before purchase).
- O Easy to use.
- O Can maintain the brightness by push OFF/ON function.
- O Smooth dimming level for the LED bulb than normal dimmer.
- O Short Circuit Protection, to protect the damage on product from the installation mistake the indication light will blink when the electric wire has connect L and N to dimmer.

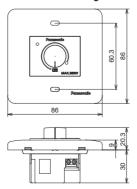
*Those products can't operate ventilating / ceiling fan.

Dimensions

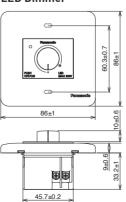


*BS-TYPE: M3.5 mounting screws included.

500W (Low Voltage)



LED Dimmer



BS-TYPE Switched Socket









WNB1111K

WNB11119

WNB1112K

WNB11129

Technical Specifications

- ► Standards Comply with BS1363-2
- Rating 13A 250V~
- ► Ambient Temperature
 - -10°C +40°C
- ► Representative Performance
 - ·Electric strength : 2,000V 1 min
 - : 15,000 times (30,000 movements) ·Operation test ·Temperature rise : Test current 20A (2.5 mm²)
 - Not more than 52K (Terminals)

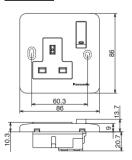
- ▶ Terminal
- Pillar Terminal I
- ► Applicable Wire
 - 1.5 mm² 4 mm²
- 15 AWG 12 AWG
- ► Terminal Capacity
 - $1.5 \text{ mm}^2 \times 3$
 - $2.5 \text{ mm}^2 \times 3$
 - $4 \text{ mm}^2 \times 2$

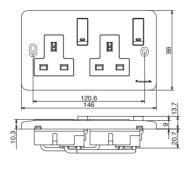
Features

- O Receptacle with a double-pole switch completely isolates load from power supply.
- O Receptacle housing uses flame-retardant and heat-resistant urea resin with high anti- tracking properties.
- O Accepts wires: 1.5 mm² 4 mm² solid wire to flexible wire.
- O Both socket and switch components have adequate switching capability.
- O Included safety shutter prevents kids from tampering with switch.

Dimensions

BS-TYPE Switched Socket





Applicable Box

BS-TYPE



Plate :86 x 86 mm : 72 x 72 mm Fixing Center: 60.3 mm

▶ Dimensions

Plate : 86 x 146 mm Box : 72 x 132 mm Fixing Center: 120.6 mm

PASSIVE INFRARED SENSOR

TECHNICAL DETAILS

FULL-COLOR SERIES BS-TYPE, A-TYPE

FULL-COLOR Series

Accessories - Television







WZ1201-P WNG6801W-P

WNGP4719830

WZ1201-P WNG6802W-P

WNGP4729830

Technical Specifications

- ► Connector Type (Outlet) : DIN Type
- ► Terminal

WNBP4719830

Screw Terminal Type (Only coaxial core isn't screw terminal type)

WNBP4729830

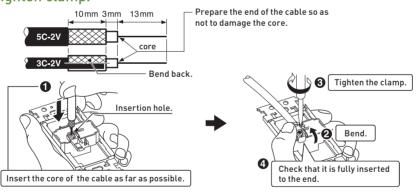
- Impedance Input, Outlet: 75Ω
- ► Applicable Cable

Coaxial Cable Characteristic Impedance 75 Ω type : 5C - 2V, 3C - 2V

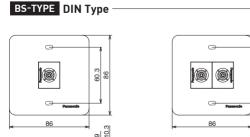
Features

"Easy Connect" terminal for direct insertion of coaxial cable core.

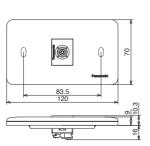
Insert fully and tighten clamp.



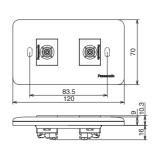
Dimensions







A-TYPE DIN Type



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

BS-TYPE 6P4C



WNTG15649 WNB7801

WNBP4519940



WNTG15649 WNB7802

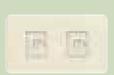
WNBP4529940



A-TYPE 6P4C

WNTG15649 WNG6801W-P

WNGP4519940



WNTG15649 WNG6802W-P

WNGP4529940

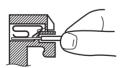
Technical Specifications

- Connector Type
 - Miniature Modular Jack, 6 position with 4-contacts, specified in TIA-1096-A (Previously in FCC part 68)
- ▶ Terminal
 - Quick Connect Terminal (Screwless Terminal)
- ► Applicable Wire
 - 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

- Ouick Connect Terminal increases connection reliability.
- Ouick Connect Terminal for easy connection.
- O Simple Connection
 - Just insert cable into the terminal hole.
- Easy Cable Disconnection

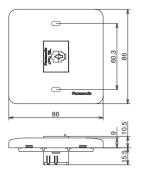
Push removal button while pulling out cable.

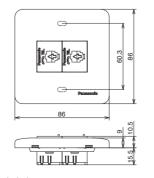




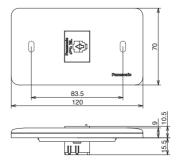
Dimensions

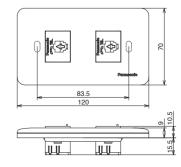
BS-TYPE 6P4C





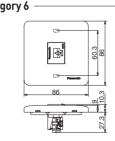
A-TYPE 6P4C

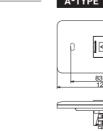




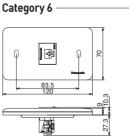
TECHNICAL DETAILS

Ø





A-TYPE Category 5e



FULL-COLOR SERIES BS-TYPE, A-TYPE

Accessories - LAN

BS-TYPE Category 5e, Category 6



NR3160-8 WNB7801

WNBP4519980

NR3170-8 WNB7801

WNBP4519680

A-TYPE Category 5e



NR3160-8 WNG6801W-P

WNGP4519980

Category 6



FULL-COLOR

NR3170-8 WNG6801W-P

WNGP4519680

Technical Specifications

Connector Type

"8-way unshielded fixed connector (miniature 8-position modular jack)" specified in IEC 60603-7

► Terminal

IDC connection

► Applicable Cable

NR3160-8: 4-pair UTP cable, Category 5e

Conductor: solid copper wire, 22 AWG - 24 AWG (diameter: 0.5 mm - 0.65 mm)

: or stranded copper wire, 24 AWG

NR3170-8: 4-pair UTP cable, Category 6

Conductor: solid copper wire, 22 AWG - 24 AWG (diameter: 0.5 mm - 0.65 mm)

Features

1 It's not necessary to use special wiring tool.



Cut the excess wires with



Excess wires can be cut with the blade edge of the tool

2 No need to untwist the wires.



No need to untwist the wires to setting on the slots. Minimum untwisting retains uniform installation quality and transmission performance.

Pin/Pair assignment

i iii/i aii assigiiiiieiit			
T568A	T568B (Optionnal)		
Pair 2	Pair 3		
Pair 3 Pair 1 Pair 4	Pair 2 Pair 1 Pair 4		

Pair	Color	Pin No.	
		T568A	T568B
1	W/BL	5	5
	BL	4	4
2	W/0	3	1
	0	6	2
3	W/G	1	3
	G	2	6
4	W/BR	7	7
	BR	8	8

Dimensions

BS-TYPE Category 5e, Category 6



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

4G Switch



WNBP5140630

Technical Specifications

- ► Standards
- Comply with BS3676: 1989
- ► Rating
 - 15AX 250V~
- ► Ambient Temperature
- -10°C +40°C
- ► Representative Performance
 - ·Electric strength
 - : 2,000V 1 min
 - Operation test
 - : 40,000 Operations
 - ·Temperature rise
 - : Test current 20A (2.5 mm²)
 - Not more than 45K (Terminals)

- ► Terminal
- Screw Terminal
- ► Applicable Wire
 - 1.5 mm² 3.5 mm² 14 AWG - 12 AWG
- ► Terminal Capacity
 - $1.5 \text{ mm}^2 \times 1$
 - $3.5 \text{ mm}^2 \times 1$
 - 14 AWG × 1
 - 12 AWG × 1
- *Supply terminal has 2 terminal holes.

Intermediate Switch

WNBP5513630

Technical Specifications

- ► Standards
 - Comply with IEC60669-1
- ► Rating
 - 10AX 250V~
- ► Ambient Temperature
 - -10°C +40°C
- ► Representative Performance
- ·Electric strength
 - : 2,000V 1 min
- Operation test
 - : 40,000 Operations
- ·Temperature rise
- : Test current 13.5A (2.5 mm²) Not more than 45K (Terminals)

- ► Terminal
 - Screw Terminal
- ► Applicable Wire
- 1.5 mm² 3.5 mm²
- 14 AWG 12 AWG
- ► Terminal Capacity
- $1.5 \text{ mm}^2 \times 1$
- $3.5 \text{ mm}^2 \times 1$
- 14 AWG × 1
- 12 AWG × 1

Push Button



WNBP5113650



WNBP5113660

Technical Specifications

- ► Standards
- Comply with IEC60669-1
- ► Rating
- 10A 300V
- ► Ambient Temperature
- -10°C +40°C
- ▶ Representative Performance
 - ·Electric strength
 - : 2,000V 1 min
 - ·Operation test
 - :40,000 Operations
 - ·Temperature rise
 - : Test current 13.5A (2.5 mm²) Not more than 45K (Terminals)

- ► Terminal
- Screw Terminal
- ► Applicable Wire 0.75 mm² - 2 mm²
- ► Terminal Capacity
- $0.75 \text{ mm}^2 \times 1$
- $1 \text{ mm}^2 \times 1$
- $1.5 \text{ mm}^2 \times 1$
- $2 \text{ mm}^2 \times 1$
- 16 AWG × 1
- 14 AWG × 1

OUTLET SERIES

PASSIVE INFRARED SENSOR

OUTLET SERIES

FULL-COLOR SERIES BS-TYPE, A-TYPE

FULL-COLOR Series

Others

3G Wire Grounding Socket Technical Specifications





WNBP1619600

WNBP1629600

- ▶ Standards
- Comply with IEC60884-1
- ► Rating
- 15A 127V~
- ► Ambient Temperature
- -10°C +40°C
- ► Representative Performance
 - ·Electric strength
 - : 2,000V 1 min
 - ·Operation test
 - : 5,000 times (10,000 movements)
- ·Temperature rise
 - : Test current 15A (2.5 mm²) Not more than 45K (Terminals)

- ► Terminal
- Screw Terminal
- ► Applicable Wire
 - 1.5 mm² 3.5 mm²
- 14 AWG 12 AWG ► Terminal Capacity
- $1.5 \text{ mm}^2 \times 1$
- $3.5 \text{ mm}^2 \times 1$
- 14 AWG × 1
- 12 AWG × 1

Universal Socket



WNBP1914610

Technical Specifications

- ► Standards
- Comply with IEC60884-1
- ► Rating
 - 16A 250V~
- ► Ambient Temperature
- -10°C +40°C
- ► Representative Performance
 - ·Electric strength
 - : 2,000V 1 min
- ·Operation test
 - : 5,000 times (10,000 movements)
- ·Temperature rise
 - : Test current 22A (2.5 mm²) Not more than 45K (Terminals)

- ► Terminal
- Screw Terminal
- ► Applicable Wire
 - 1.5 mm² 3.5 mm²
- 14 AWG 12 AWG
- ► Terminal Capacity
- $1.5 \text{ mm}^2 \times 1$
- $2.5 \text{ mm}^2 \times 1$
- 14 AWG × 1
- 12 AWG × 1

15A 3Pin Socket



WNB1131K

Technical Specifications

- ▶ Standards Comply with BS546
- ► Rating
- 15A 250V~
- ► Ambient Temperature
- -10°C +40°C
- ► Representative Performance
- ·Electric strength
 - : 1,500V 1 min
- ·Operation test
 - : 15,000 times (30,000 movements)
- ·Temperature rise
 - : Test current 15A (2.5 mm²) Not more than 35K (Terminals)

- ► Terminal
- Screw Terminal
- ► Applicable Wire
- 2.5 mm² 4 mm² (L,N terminal)
- 1.5 mm² 4 mm² (E terminal)
- ► Terminal Capacity
- $1.5 \text{ mm}^2 \times 3$
- $2.5 \text{ mm}^2 \times 3$
- $4 \text{ mm}^2 \times 2$

BS13A + USB



WNB111159

Technical Specifications

► Standards

Comply with Socket: BS 1362-2 and IEC 60884-2-3

USB: IEC 60950-1 ► Rating

-10°C - +40°C

Socket Outlet: 13A 250V~ USB Charger: DC 5V 2.0A ► Ambient Temperature

► Representative Performance ·Electric strength: 2,000V 1 min

Operation test

Socket Outlet : 15,000 times (30,000 movements)

USB Charger : 10,000 times

·Temperature rise

: Test current 20A (2.5mm²) Not more than 52K (Terminals)

► Terminal Pillar Terminal II ► Applicable Wire

2.5 mm² - 4 mm² Stranded Diameter 1.78 mm - 2.25 mm

EL Guard



WNB17419

Technical Specifications

► Standards Comply with

Socket: BS 1362-2 and IEC 60884-2-3

RCD: IEC 62640

► Rating

Socket Outlet: 13A 220-240V Rated Frequency: 50-60Hz

Rated Residual Operating Current 30mA Rated Residual Making and Breaking Capacity 250A Rated conditional short-circuit current 1500A Rated Conditional residual short-circuit current 1500A

▶ Breaktime

300 ms or less (at rated residual operating current) 150ms or less (at 2X rated residual operating current) 40ms or less (at 5X rated residual operating current) Rated Residual Non-Operating Current 15mA Leakage Waveform: Type AC

Opening /Closing:4,000 Times (Opening 2,000/Closing 2,000)

► Ambient Temperature:

-5°C - +40°C

► Representative Performance: ·Electric strength: 2,000V 1 min

Operation test

Socket Outlet: 15,000 times

(30,000 movements)

·Temperature rise

: Test current 20A (2.5mm²) Not more than 52K (Terminals)

▶ Terminal

Pillar Terminal II

► Applicable Wire

1.5 mm² - 4 mm² Stranded Diameter 1.38 mm - 2.25 mm

Cooker Control Unit



WNB111169

Technical Specifications

▶ Standards

Comply with

Socket: BS 1362-2 and IEC 60884-2-3

Switch: IEC 60669-1

► Rating

Switch: 45A 250V~ Socket Outlet: 13A 250V~

► Ambient Temperature -10°C - +40°C

► Representative Performance ·Electric strength: 1,500V 1 min

Operation test

Switch : 20,000 Operations Socket Outlet : 15.000 times (30,000 movements) ·Temperature rise

: Test current 51A (16 mm²) Not more than 45K (Terminals)

▶ Terminal

Pillar Terminal

► Applicable Wire 4 mm² - 16 mm² Stranded [AWG] AWG 10 - AWG 6