

TECHNICAL DETAILS

FULL-COLOR SERIES BS-TYPE, A-TYPE

FULL-COLOR Series

Switches 15AX

BS-TYPE 1Way Switch



WNG5001-791
WNB7801

WNB5110630



WNG5001-791
WNB7802

WNB5120630



WNG5001-791
WNB7803

WNB5130630

A-TYPE 1Way Switch



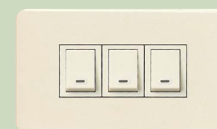
WNG5001-791
WNG6801W-P

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 mm² × 1
 - 3.5 mm² × 1
 - 14 AWG × 1
 - 12 AWG × 1

*Supply terminal has 2 terminal holes.

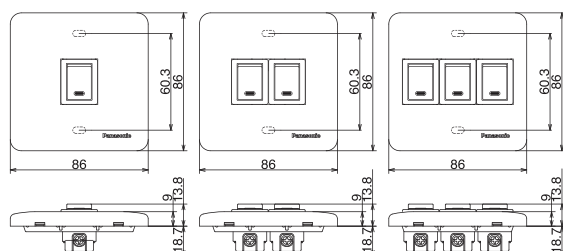
Features

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

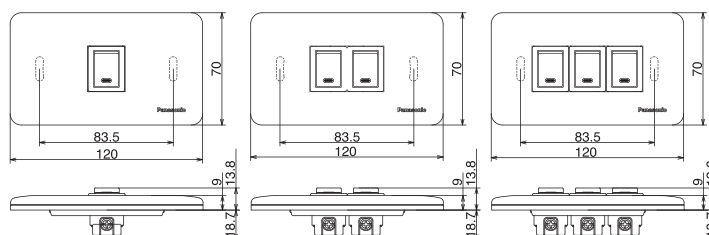


Dimensions

BS-TYPE 1Way Switch



A-TYPE 1Way Switch



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

Switches 20A

BS-TYPE DP Switch with Indicator

(Water Heater)


WBG5414699FC-SP
WNB7801

WNB5414600


WNG5343-761
WNB7801

WNB5414630

A-TYPE DP Switch with Indicator

(Water Heater)


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
 - Operation test : 10,000 Operations
 - 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 mm² × 1
3.5 mm² × 1
14 AWG × 1
12 AWG × 1

Features

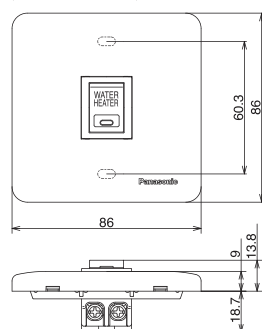
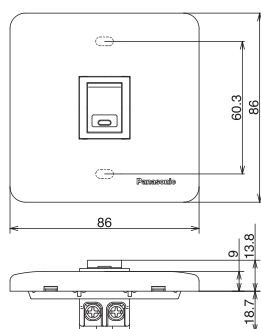
- High-capacity silver contact for longer life.
- Made with flame-retardant and heat-resistant melamine phenol/urea resins.
- Conductive section uses heat-resistant copper with superior anticorrosion property and conductivity for long-term stable, reliable performance.
- Accepts wires : 1.5 mm² - 4 mm²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



Dimensions

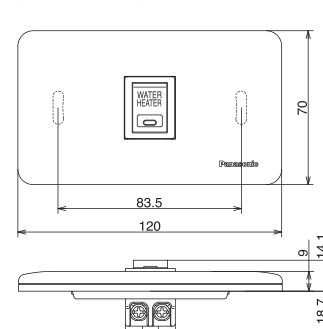
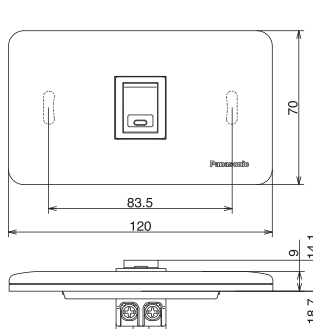
BS-TYPE DP Switch with Indicator

(Water Heater)



A-TYPE DP Switch with Indicator

(Water Heater)



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

TECHNICAL DETAILS

FULL-COLOR SERIES BS-TYPE , A-TYPE

FULL-COLOR Series

Switches 45A

BS-TYPE DP Switch with Indicator



WBG5408699
WNB7802
WNB5428690



WBG5408699
WNB7817
WNB5448690

A-TYPE DP Switch with Indicator



WBG5408699
WN3020 , WNG6803W-P
WNGP5438693

Technical Specifications

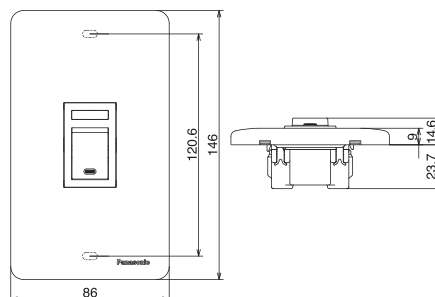
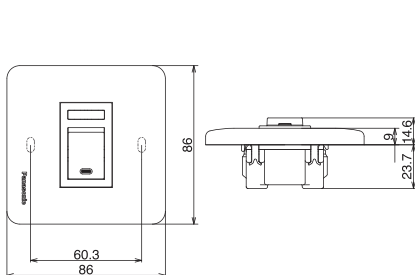
- ▶ Standards
Comply with BS1363-2
- ▶ Rating
45A 250V~ (for a resistive circuit)
25A 250V~ (for a motor-load circuit)
- ▶ Ambient Temperature
-10°C — +40°C
- ▶ Representative Performance
 - Electric strength : 1,500V 1 min
 - Operation test : 10,000 Operations
 - Temperature rise : Test current 51A (10 mm²)
Not more than 45K (Terminals)
- ▶ Terminal
Screw Terminal
- ▶ Applicable Wire
4 mm² - 10 mm² Stranded wire
4 mm² - 6 mm² Solid wire
- ▶ Terminal Capacity
4 mm² × 1
6 mm² × 1
10 mm² × 1

Features

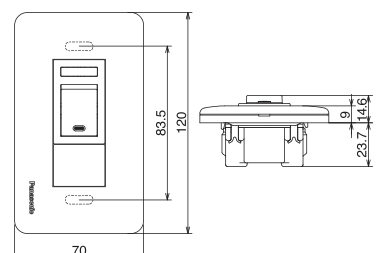
- High-capacity silver contact for longer life.
- Made with flame-retardant and heat-resistant melamine phenol/urea resins.
- Conductive section uses heat-resistant copper with superior anticorrosion property and conductivity for long-term stable, reliable performance.
- Accepts wires : 4 mm² - 10 mm² solid wire and stranded wire.
- Built-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 DP Switch with Indicator



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

Dimmer Switches

BS-TYPE 1000W



WE5781103-FC
WNB7873

WNB5781103

500W (Low Voltage)



WE578153-FC
WNB7872

WNB5781530

Technical Specifications

WE5781103-FC

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

WE578153-FC

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

Features

WE5781103-FC

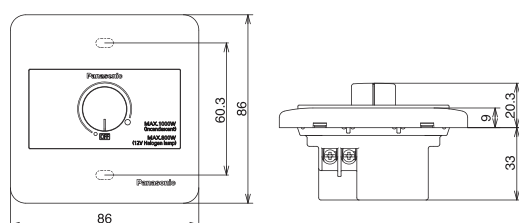
- New pillar terminal accommodates 1 mm² - 4 mm² solid wire to stranded wire.
- Compatible with 800VA copper/steel and step-down transformers.
(applicable for low-voltage halogen lamp use)
- Applicable for 1000W incandescent lamp.

WE578153-FC

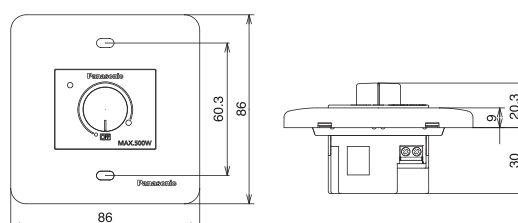
- Applicable Wires : 1 mm² - 2.5 mm²
- Compatible with 500VA copper/steel and step-down transformers.
- Applicable for low-voltage halogen lamp use.
- Applicable for 500W incandescent lamp.

Dimensions

BS-TYPE 1000W



500W (Low Voltage)



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

FULL-COLOR SERIES BS-TYPE

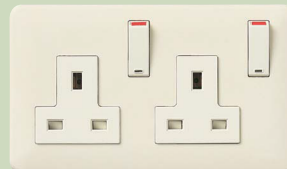
FULL-COLOR Series

Socket Outlets

BS-TYPE Switched Socket



WNB1111K



WNB1112K

Technical Specifications

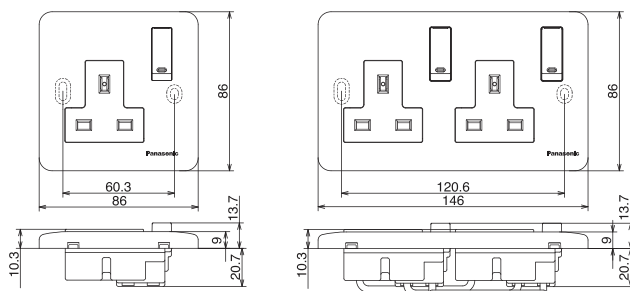
- ▶ Standards
Comply with BS1363-2
- ▶ Rating
13A 250V~
- ▶ Ambient Temperature
-10°C – +40°C
- ▶ Representative Performance
 - Electric strength : 2,000V 1 min
 - Operation test : 15,000 times (30,000 movements)
 - Temperature rise : Test current 20A (2.5 mm²)
Not more than 52K (Terminals)
- ▶ Terminal
Pillar Terminal II
- ▶ Applicable Wire
1.5 mm² - 4 mm²
15 AWG - 12 AWG
- ▶ Terminal Capacity
 - 1.5 mm² × 3
 - 2.5 mm² × 3
 - 4 mm² × 2

Features

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

Dimensions

BS-TYPE Switched Socket



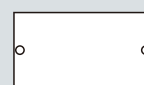
*BS-TYPE : M3.5 mounting screws included.

Applicable Box

BS-TYPE



- ▶ Dimensions
 - Plate : 86 x 86 mm
 - Box : 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

Accessories - Television

BS-TYPE DIN Type



**WZ1201-P
WNB7801**

WNB4719830



**WZ1201-P
WNB7802**

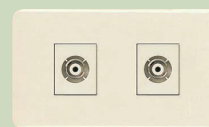
WNB4729830

A-TYPE DIN Type



**WZ1201-P
WNG6801W-P**

WNG4719830



**WZ1201-P
WNG6802W-P**

WNG4729830

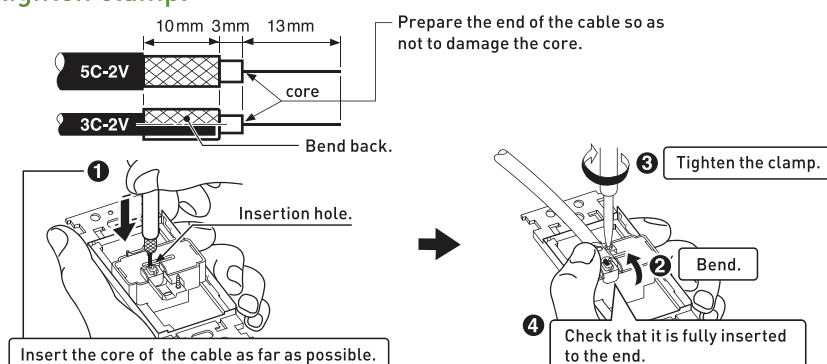
Technical Specifications

- ▶ Connector Type (Outlet) : DIN Type
- ▶ Terminal
 - Screw Terminal Type (Only coaxial core isn't screw terminal type)
- ▶ Impedance Input, Outlet : 75Ω
- ▶ Applicable Cable
 - Coaxial Cable Characteristic Impedance 75Ω type : 5C - 2V, 3C - 2V

Features

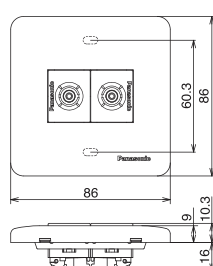
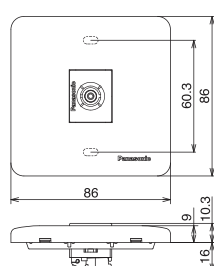
“Easy Connect” terminal for direct insertion of coaxial cable core.

Insert fully and tighten clamp.

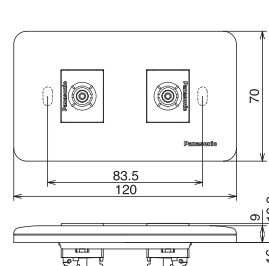
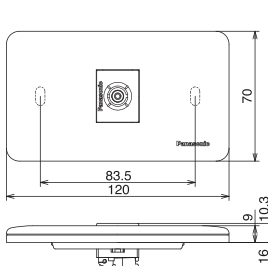


Dimensions

BS-TYPE DIN Type



A-TYPE DIN Type



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

FULL-COLOR SERIES BS-TYPE, A-TYPE

FULL-COLOR Series

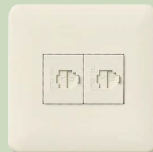
Accessories - Telephone

BS-TYPE 6P4C



**WNTG15649
WNB7801**

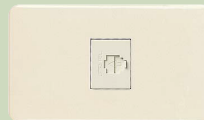
WNB4519940



**WNTG15649
WNB7802**

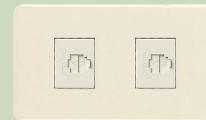
WNB4529940

A-TYPE 6P4C



**WNTG15649
WNG6801W-P**

WNG4519940



**WNTG15649
WNG6802W-P**

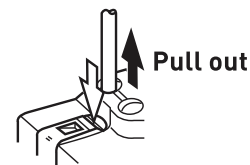
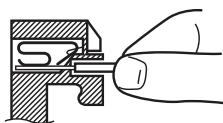
WNG4529940

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)

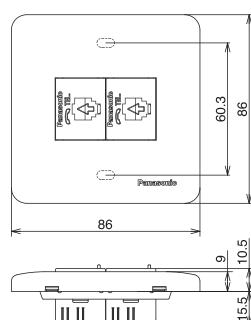
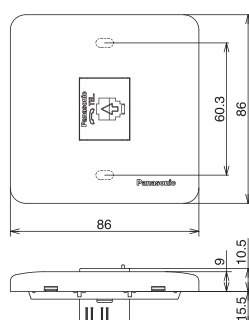
Features

- 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.

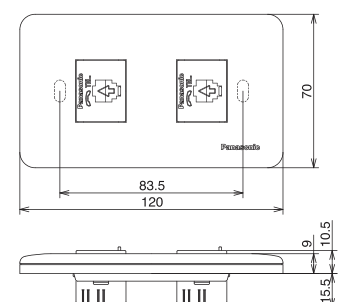
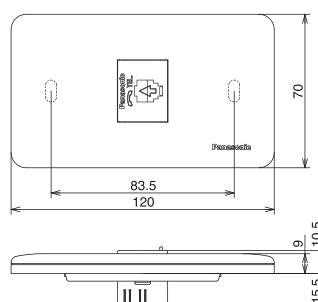


Dimensions

BS-TYPE 6P4C



A-TYPE 6P4C



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

Accessories - LAN

BS-TYPE Category 5e , Category 6

NR3160-8
WNB7801

WNB4519980

NR3170-8
WNB7801

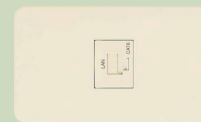
WNB4519680

A-TYPE Category 5e

NR3160-8
WNG6801W-P

WNG4519980

Category 6

NR3170-8
WNG6801W-P

WNG4519680

Technical Specifications

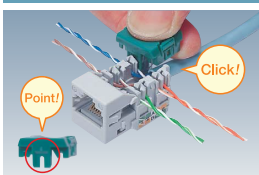
- ▶ Connector Type
"8-way unshielded fixed connector (miniature 8-position modular jack)" specified in IEC 60603-7
- ▶ Terminal
IDC connection
- ▶ Applicable Cable
 - NR3160-8 : 4-pair UTP cable, Category 5e
Conductor : solid copper wire, 22 AWG - 24 AWG (diameter : 0.5 mm - 0.65 mm)
: or stranded copper 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.

2-way connection

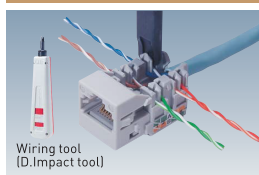
Toolless



Point!
Click!

Cut the excess wires with nippers after connection

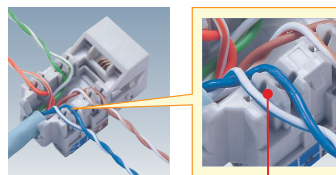
Using wiring tool



Wiring tool (D.Impact tool)

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

2 No need to untwist the wires.



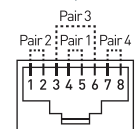
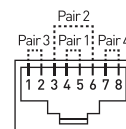
Projection between the slots

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

Pin/Pair assignment

T568A

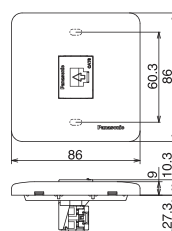
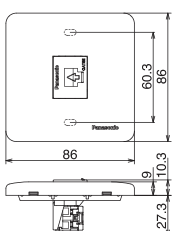
T568B (Optional)



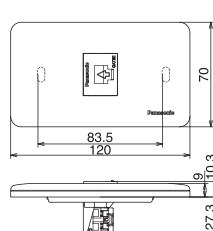
Pair	Color	Pin No.	
		T568A	T568B
1	W/BL	5	5
	BL	4	4
2	W/O	3	1
	O	6	2
3	W/G	1	3
	G	2	6
4	W/BR	7	7
	BR	8	8

Dimensions

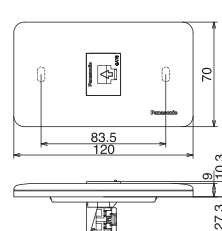
BS-TYPE Category 5e , Category 6



A-TYPE Category 5e



Category 6



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

Others

4G Switch



WNB5140630

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 mm² × 1
3.5 mm² × 1
14 AWG × 1
12 AWG × 1

*Supply terminal has 2 terminal holes.

Intermediate Switch



WNB5513630

Technical Specifications

- ▶ Standards
Comply with IEC60669-1
- ▶ Rating
10A 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 mm² × 1
3.5 mm² × 1
14 AWG × 1
12 AWG × 1

Push Button



WNB5113650



WNB5113660

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 mm² × 1
1 mm² × 1
1.5 mm² × 1
2 mm² × 1
16 AWG × 1
14 AWG × 1

3G Wire Grounding Socket



WNB1619600



WNB1629600

Technical Specifications

- ▶ 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 mm² × 1
 - 3.5 mm² × 1
 - 14 AWG × 1
 - 12 AWG × 1

Universal Socket



WNB1914610

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 mm² × 1
 - 2.5 mm² × 1
 - 14 AWG × 1
 - 12 AWG × 1

15A 3Pin Socket



WNB1131

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 mm² × 3
 - 2.5 mm² × 3
 - 4 mm² × 2