Panasonic
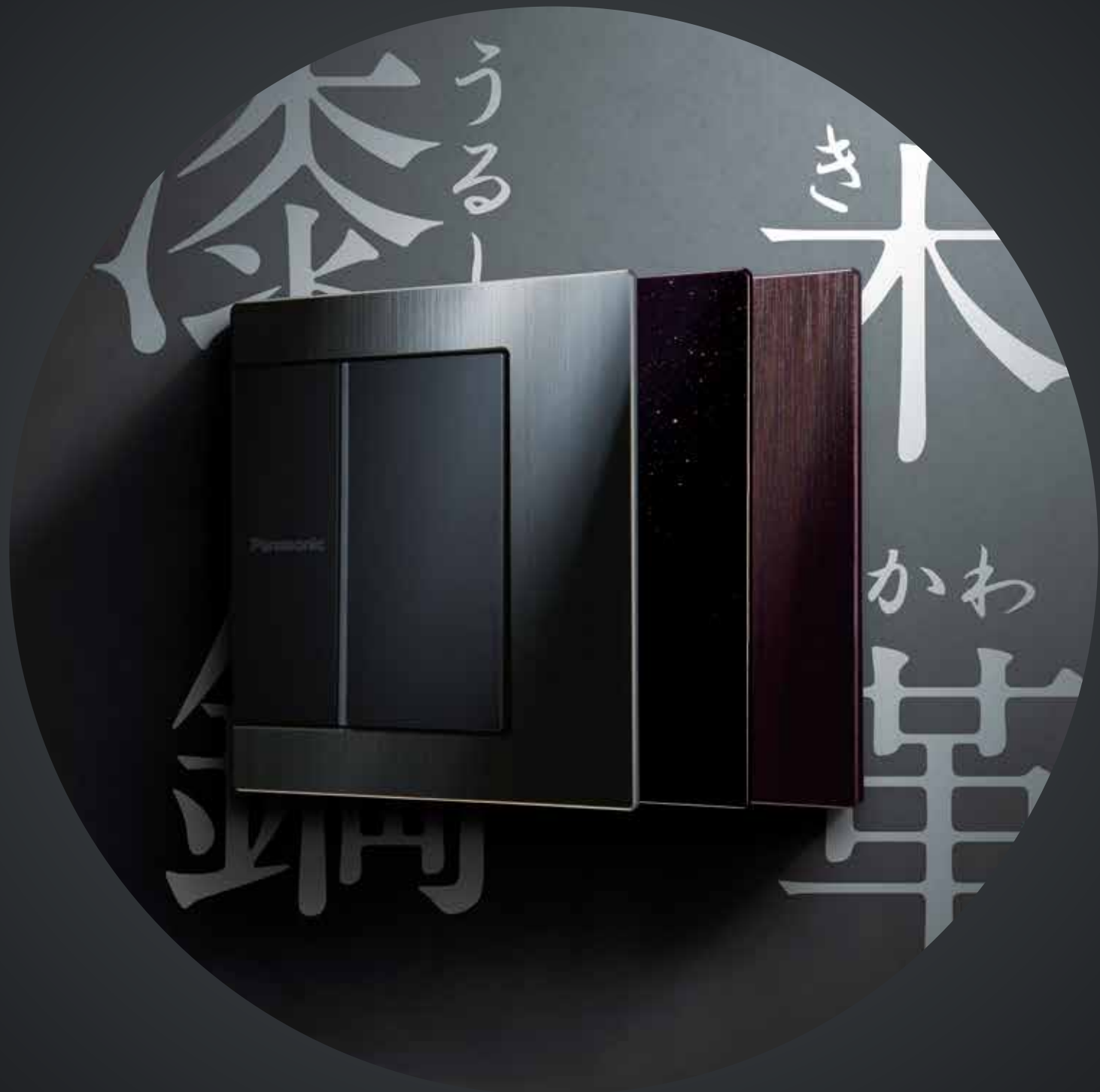
FLATIMA
SERIES

.تتميز سلسلة مفاتيح باناسونيك المتطورة بلوحة خاصة للقوة والمظهر الراقي الذي يضيف لمسة من الأناقة إلى الحياة اليومية

High-end Panasonic switch series featuring special panel for strength and a refined appearance that adds a touch of elegance to everyday life.

FLATIMA SERIES **BS-TYPE**

سطح متطور بتصميم فائق النحافة.
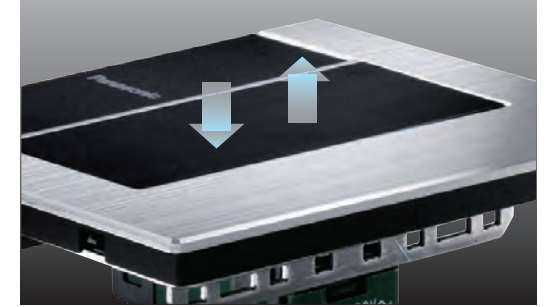
SOPHISTICATED SURFACE WITH A SUPER-SLIM DESIGN

Ideal asymmetric design using 2mm-thick, high-quality aluminum plate.

أحدث آلية تبديل مقاومة للحرارة وسهلة الاستخدام

HEAT-RESISTANT, EASY-TO-USE LATEST SWITCH MECHANISM

On/Off with just a soft push of the switch.
Built for trouble-free operation.

تضمن ميزات الموثوقية العالية السلامة

HIGH RELIABILITY FEATURES ENSURE SAFETY

Complies with requirements of the Saudi Arabian Standards Organization (SASO)

علامة الجودة الإماراتية
Emirates Quality Mark

FLATIMA SERIES
BS-TYPE

FULL-COLOR WIDE SERIES
Refina BS-TYPE

FULL-COLOR WIDE SERIES
BS-TYPE

FULL-COLOR SERIES
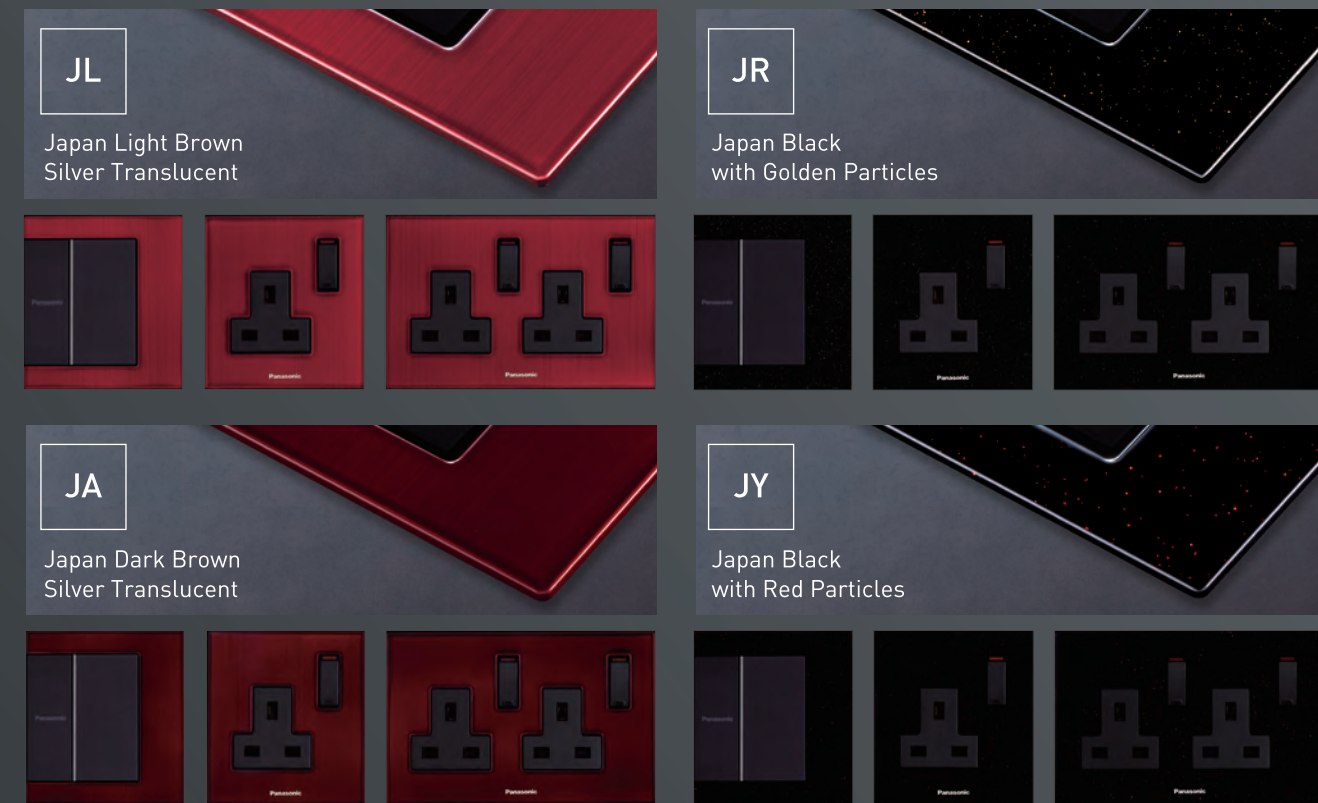BS-TYPE

New 漆 Urushi
— The Japanese Lacquer —

The brilliant technical fusion of Panasonic's century old history in wiring devices with "Aizu Nuri" by URUSHI (Japanese Lacquer) that originated 400 years back. Hand painted URUSHI is not only beautiful but also good for waterproofing and preservation from decay.

Model No[Plate] *Special order : Made by your request from Japan

Plate for Switch, Accessories: WTFB6503□-1 / 1G Socket: WTFB6101□-1 / 2G Socket: WTFB6102□-1

JL Japan Light Brown Silver Translucent

JR Japan Black with Golden Particles

JA Japan Dark Brown Silver Translucent

JY Japan Black with Red Particles
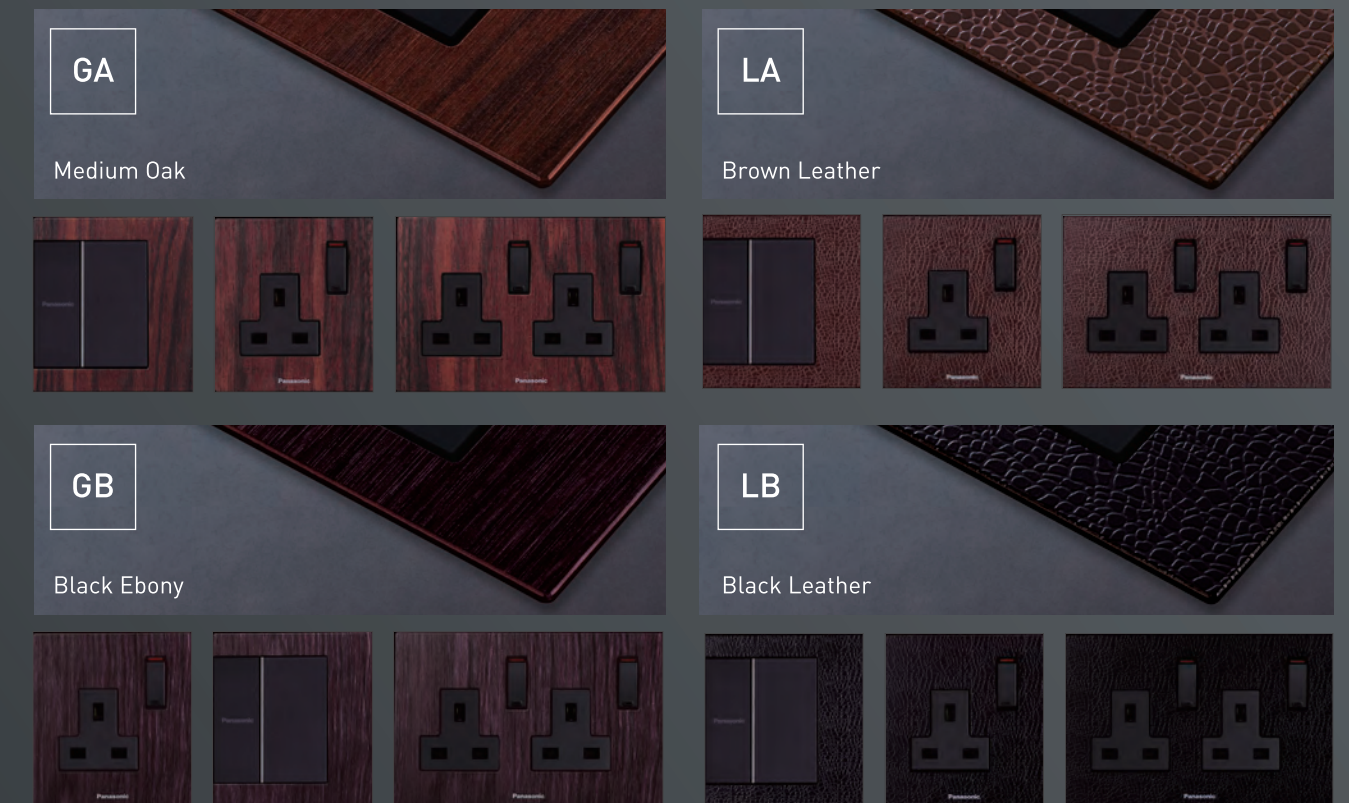
New 木 / 革
Wood / Leather

Japan's latest ink-jet printing technology for natural texture and comfortable touch. Perfect to match with a wide variety of interior design styles.

Model No[Plate] *Special order : Made by your request from Japan

Plate for Switch, Accessories: WTFB6503□-1 / 1G Socket: WTFB6101□-1 / 2G Socket: WTFB6102□-1

GA Medium Oak

LA Brown Leather

GB Black Ebony

LB Black Leather

Quick Connect Terminal Ⅲ
Solid Wire : 1.5~2.5mm²
Stranded Wire : 1.5~2.5mm²

Quick Connect Terminal Ⅱ
Solid Wire : 1.5~2.5mm²
Stranded Wire : 1.5~2.5mm²

Global Terminal
Solid Wire : 1.5~4mm²
Stranded Wire : 1.5~4mm²

★ **Screw Terminal**
Please check applicable wires in technical details.

مفاتيح كهربائية
Switches

WTFBP51512□-1
1-Gang 2Way Switch 16AX SP
Quick Connect Terminal

WTFBP52522□-1
1-Gang 2-Devices 2Way Switch 16AX SP
Quick Connect Terminal

WTFBP53532□-1
1-Gang 3-Devices 2Way Switch 16AX SP
Quick Connect Terminal

WTFBP5004□-1
1-Gang Intermediate Switch 10AX
Quick Connect Terminal

WTFBP51559□-1 `NEW`
1-Gang 2Way Illuminated Switch
16AX SP Quick Connect Terminal

WTFBP52569□-1 `NEW`
1-Gang 2-Devices 2Way Illuminated Switch
16AX SP Quick Connect Terminal

WTFBP53579□-1 `NEW`
1-Gang 3-Devices 2Way Illuminated Switch
16AX SP Quick Connect Terminal

WTFBP5411□-1
1-Gang Push Button
Quick Connect Terminal

WTFBP55137□-1
1-Gang 1Way Switch 20A.DP
with Indicator
★

WTFBP5408699□1K
1-Gang 1Way Switch 45A DP
with Indicator Pillar Terminal
★

WTFBP5408699 □-1 (old model)
1-Gang 1Way Switch
45A DP with Indicator

ديمر لتحديد شدة الاضائة
Dimmer Switches

WTFBP579120□-1
LED Dimmer Switch 200W (LED50W)
220~240V~ 50/60Hz

WTFBP579150□-1 `NEW`
LED Dimmer Switch 240W (LED200W)
220~240V~ 50/60Hz

مقابس
Socket Outlets

WTFBP11119□-1
1-Gang 13A Switched Socket
★

WTFBP11129□-1
2-Gang 13A Switched Socket
★

WTFBP1072□-1 `NEW`
2-port USB Charger

WTFBP2021□-1 `NEW`
HDMI connector Socket

Accessories اكسسورات

WTFBP2501□-1
TV Socket DIN Type

WTFBP2731□-1
TV Socket F Type

WTFBP2164□-1
Telephone Socket 6P4C

WTFBP24886□-1
LAN Socket Cat 6

توصيلة اسلاك
Cable Outlets

WTFBP7010
Cable Outlet with 20A Terminal
★

WTFBP7020
Cable Outlet with 45A Terminal
★

سلسلة الفنادق
Hotel Series

WTFBP52525□-1 `NEW`
Do not Disturb
/Please Clean Up Switch

WTFBP53576□-1 `NEW`
Indicators of Do not Disturb and
Please Clean Up and
Push Switch with Bell Symbol

WTFBP5781□-1 `NEW`
Electric Card Switch 16A 220V AC
★

الوان متنوعة
Variety of Colors
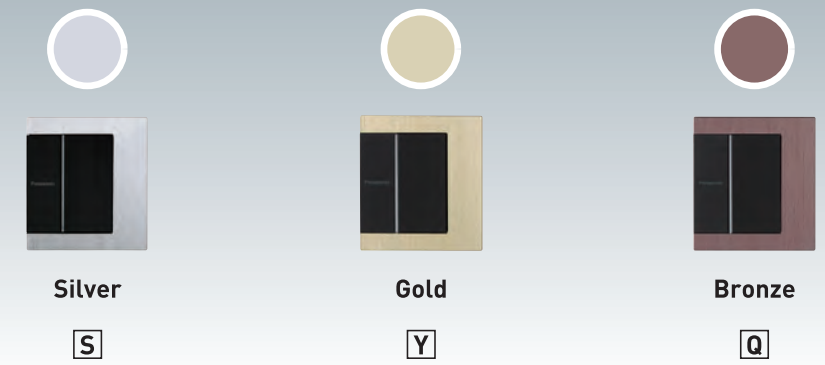
Silver	Gold	Bronze
S	Y	Q

FLATIMA SERIES BS-TYPE

FULL-COLOR WIDE SERIES Refina BS-TYPE

FULL-COLOR WIDE SERIES BS-TYPE

FULL-COLOR SERIES BS-TYPE

FLATIMA SERIES   BS-TYPE

FLATIMA SERIES

مفاتيح كهربائية10امبير
Switches 10AX/16AX

BS-TYPE	2way Illuminated Switch		Intermediate Switch	Push Button

WTFBP51512S-1
WTFBP51559S-1

WTFBP51512S-1
WTFBP52569S-1

WTFBP52522S-1
WTFBP53579S-1

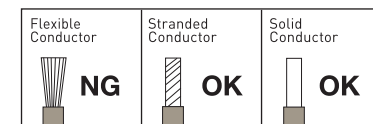WTFBP5004S-1

WTFBP5411S-1
*Push On/Off Switches.

Technical Specifications   الموصفات الفنية

▶ Standards
  Comply with IEC60669-1
▶ Rating
  16AX 250V~ (2way switch)
  10AX 250V~ (intermediate, Push button)
▶ Ambient Temperature
  -10°C - +40°C

▶ Representative Performance
  ·Electric strength : 2,000V 1 min
  ·Operation test   : 40,000 Operations
  ·Temperature rise : Test current 22A (2.5 mm²)
                           17.5A (1.5 mm²) *10AX switch
                           Not more than 45K (Terminals)

▶ Terminal
  Quick Connect Terminal III
  (Screwless Terminal)
▶ Applicable Wire
  1.5 mm² - 2.5 mm²
  14 AWG - 12 AWG
▶ Terminal Capacity
  1.5 mm² × 1   14 AWG × 1
  2.5 mm² × 1   12 AWG × 1
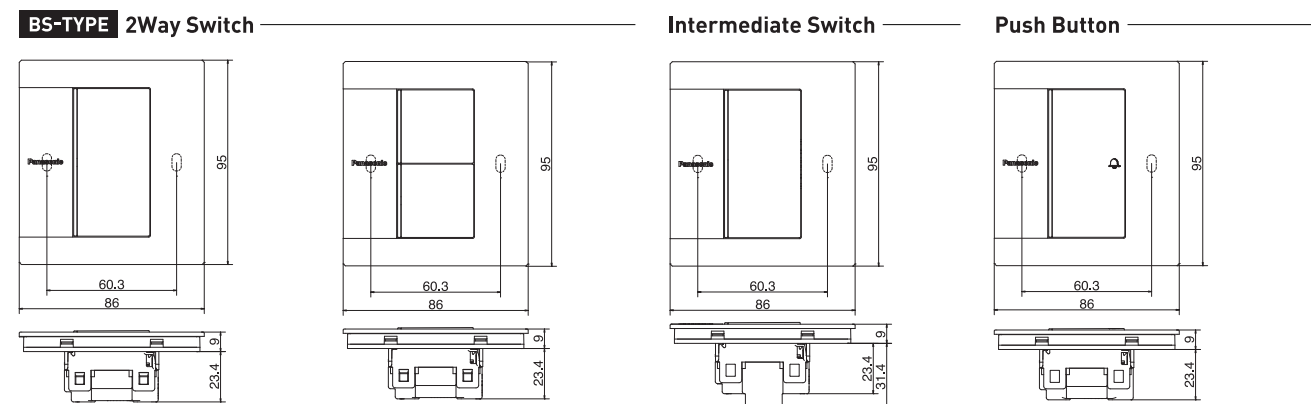
*Supply terminal (2way, Push Button) has 2 terminal holes.

Features   المميزات

Screwless Terminal (reduces installation work)

◯ Quick Connect Terminal significantly reduces
  connection time, compared to screw terminals.
  Screw terminal : 10 - 20 seconds
  Quick Connect Terminal : 1 second
◯ Wire connection can be uniformly performed
  regardless of operator skill level.
◯ Wires do not loosen even after a long usage.
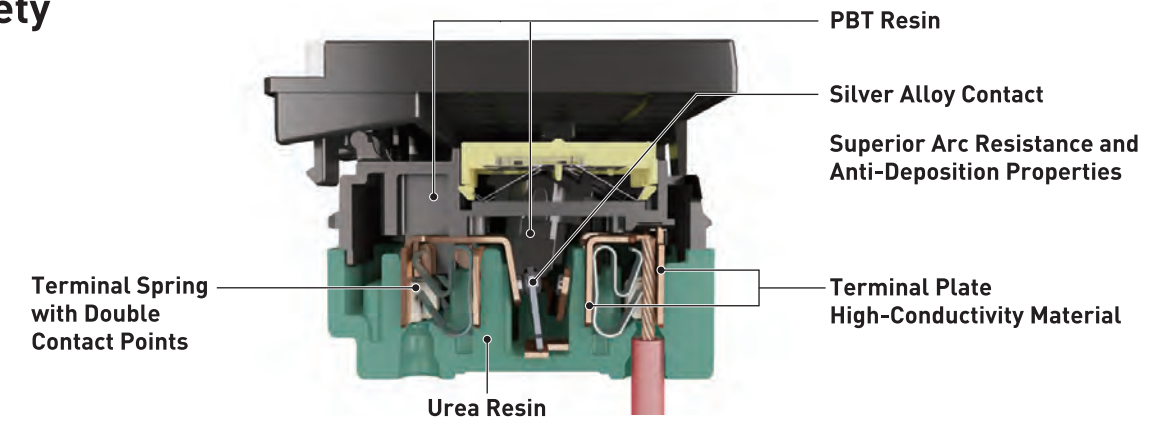 (double contact point structure)

QUICK & SAFETY
Quick Connect Terminal

Flexible Conductor **NG**
Stranded Conductor **OK**
Solid Conductor **OK**

Dimensions   الأبعاد

BS-TYPE	2Way Switch		Intermediate Switch	Push Button

95   95   95   95
60.3   60.3   60.3   60.3
86   86   86   86
23.4   23.4   23.4   23.4
31.4

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

Features   المميزات

Safety

PBT Resin
Silver Alloy Contact
Superior Arc Resistance and Anti-Deposition Properties
Terminal Plate High-Conductivity Material
Terminal Spring with Double Contact Points
Urea Resin

Characteristics of 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.

Enclosure Material Characteristics (reference)

|	Urea	PBT	Polycarbonate
Tracking Performance	Excellent	Good	Poor
Heat Deformation	Good	Good	Fair
Self-Extinguishment	Good	Good	Good

Easy Operation

● Large control surface requires only a light push to switch On/Off.
● Sliding cam mechanism makes light-push On/Off switching possible.
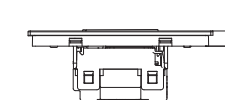
Sliding Cam
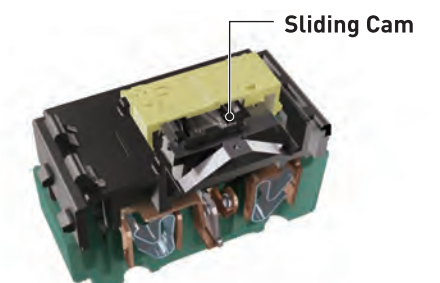
Switch Mechanism

● Panasonic proprietary Push On/Off mechanism used.
● Switch automatically returns to original horizontal position after pushing.
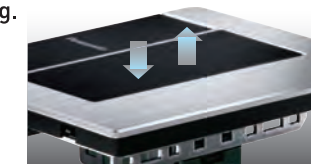
In Case Frame Removed

Frame

• Dimensions

When the frames are removed, they will become flash plate height to 7mm higher and depth of device to 2mm deeper excepting Socket Outlet(1,2-Gang), Dimmer Switch and Cable Outlet(20A, 45A).

25.4

FLATIMA SERIES   BS-TYPE

مفاتيح كهربائية 20 امبير
Switches 20A

BS-TYPE DP Switch with Indicator

WTFBP55137S-1

Technical Specifications   الموصفات الفنية
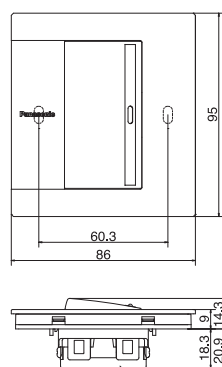
▶ Standards
  Comply with IEC60669-1
▶ Rating
  20A 250V~
▶ Ambient Temperature
  -10℃ — +40℃
▶ Representative Performance
  ·Electric strength   : 2,000V 1 min
  ·Operation test   : 10,000   Operations
  ·Temperature rise   : Test current 25A (4 mm²)
                         Not more than 45K (Terminals)

▶ Terminal
  Pillar Terminal Ⅱ
▶ Applicable Wire
  2.5 mm² - 6 mm²
  13 AWG - 10 AWG
▶ Terminal Capacity
  2.5 mm² × 2
  4 mm²   × 1
  6 mm²   × 1

Features   المميزات

○ High rating silver contact for extended 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 and flexible wire.
○ Built-in lighted indicator shows On/Off status.

Dimensions   الأبعاد

BS-TYPE DP Switch with Indicator

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

FLATIMA SERIES   BS-TYPE

مفاتيح كهربائية 45 امبير
Switches 45A

BS-TYPE DP Switch with Indicator

WTFBP5408699S-1*   **WTFBP5408699SK1****
*Comply BS 3676:1089   **Comply BS EN 60669-1
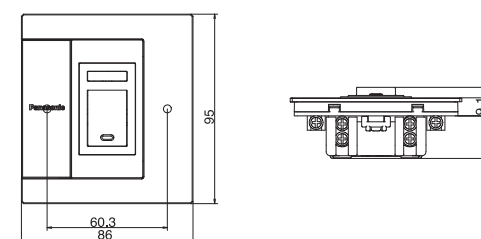
Technical Specifications   الموصفات الفنية

▶ Standards
  Comply BS EN 60669-1 and BS3676:1089
▶ Rating
  45A 250V~ (Resistive)
  Motor Full load current of 25A or less,
  power factor of 0.8 or more)
▶ Ambient Temperature
  -10℃ — +40℃
▶ Representative Performance
  ·Electric strength   : 1,500V 1 min
  ·Operation test   : 10,000 operations
  ·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 mm²   × 2
  6 mm²   × 2
  10 mm² × 1
  16 mm² × 1

Features   المميزات

○ 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.
○ Built-in lighted indicator shows On/Off status.
○ Normal gap double-pole switch (minimum contact gap : 3 mm) construction ensures safe load shut-off.
○ Double Earth Terminal.

Dimensions   الأبعاد

BS-TYPE DP Switch with Indicator

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

TECHNICAL DETAILS

MCB / MCCB

ISOLATER

RCCB

FLATIMA SERIES   BS-TYPE

FLATIMA SERIES

ديمر لتحديد شدة الاضائة
Dimmer Switches

BS-TYPE LED Dimmer

WTFBP579120S-1
50W

WTFBP579150S-1
200W

FLATIMA SERIES   BS-TYPE

FLATIMA SERIES

مقابس
Socket Outlets

BS-TYPE Switched Socket

WTFBP1111S-1*
*Comply only IEC60884-2-3

WTFBP11119S-1

WTFBP1112S-1*
Comply only IEC60884-2-3

WTFBP11129S-1

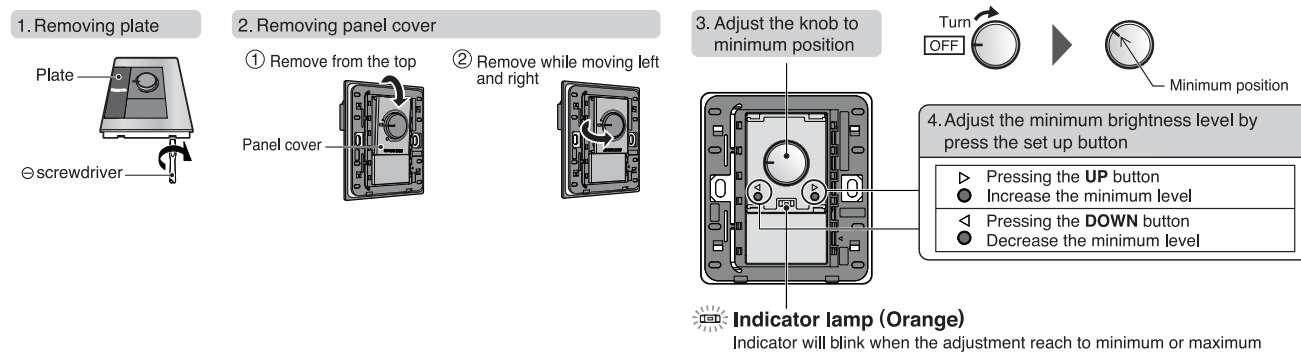### Features   المميزات

WTFBP579120S-1/WTFBP579150S-1

○ Applicable to most LED major bulb brand (We recommend customer to check before purchase).

Minimum Brightness Adjustment Function

WTFBP579150S-1

┌─ Minimum brightness can be adjust if the installer found the incident when turn the knob to minimum level ─┐
- Bulb is flickering : Increase the lower limit
- Too bright at minimum level : Decrease the lower limit
- Non equally brightness for each bulb : Increase the lower limit

1. Removing plate
   Plate
   ⊖ screwdriver

2. Removing panel cover
   ① Remove from the top
   ② Remove while moving left and right
   Panel cover

3. Adjust the knob to minimum position
   Turn OFF
   Minimum position

4. Adjust the minimum brightness level by press the set up button
   ▷ Pressing the **UP** button
   ● Increase the minimum level
   ◁ Pressing the **DOWN** button
   ● Decrease the minimum level

   Indicator lamp (Orange)
   Indicator will blink when the adjustment reach to minimum or maximum

┌─ Applicable incandescent lamps & low voltage halogen lamps & LED bulbs ─┐
   Chandelier lamp   Silica lamp   Clear lamp   Hi-beam lamp   Halogen lamp   LED dimmable bulb

- When using low voltage halogen lamps, requires an applicable transformer to convert voltage from 220 V - 240 V to 12 V.
- The brightness when dimmed is different depending on the LED bulb types and Brand.
- When the knob is lower limit, brightness is different depending on the LED bulb types and Brand.
- Be sure to use a light bulb with a built-in fuse.
  Not doing so may result in damage to the dimmer switch when the light bulb burns out.


Technical Specifications   الموصفات الفنية

▶ Standards
  Comply with IEC60884-2-3 and 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 mm^2)
                        Not more than 52K (Terminals)

▶ Terminal
  Pillar Terminal Ⅱ
▶ Applicable Wire
  1.5 mm^2 - 4 mm^2
  15 AWG - 12 AWG
▶ Terminal Capacity
  1.5 mm^2 × 3
  2.5 mm^2 × 3
  4 mm^2 × 2

Features   المميزات

○ Socket Outlet with a double-pole switch completely isolates load from power supply.
○ Socket Outlet housing uses flame-retardant and heat-resistant urea resin with high anti-tracking properties.
○ Accepts wires : 1.5 mm^2 - 4 mm^2 solid wire and flexible wire.
○ Both socket and switch components have adequate switching capability.
○ Included safety shutter prevents kids from tampering with switch.

Dimensions   الأبعاد

BS-TYPE Switched Socket

60,3
86
95
13,7
9
20,7

120,6
146,3
95
13,7
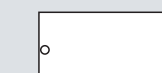9
20,7
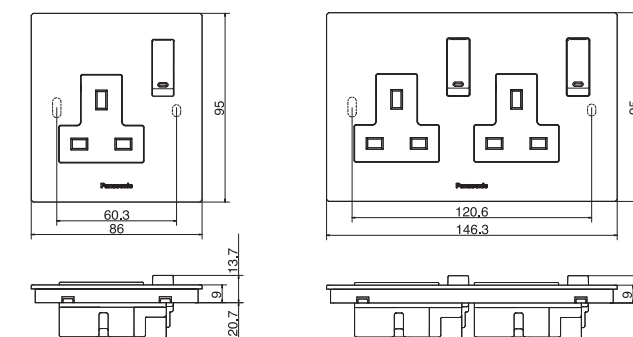
*BS-TYPE : M3.5 mounting screws included.

Applicable Box   العلبة المناسبة

BS-TYPE

▶ Dimensions
  Plate   : 95 x 86 mm
  Box   : 72 x 72 mm
  Fixing Center : 60.3 mm

▶ Dimensions
  Plate   : 95 x 146.3 mm
  Box   : 72 x 132 mm
  Fixing Center : 120.6 mm

FLATIMA SERIES   BS-TYPE

اكسسورات TV
Accessories – Television

FLATIMA SERIES

BS-TYPE DIN Type

WTFBP2501S-1

F Type

WTFBP2731S-1

FLATIMA SERIES   BS-TYPE

اكسسورات هاتف
Accessories – Telephone

اكسسورات خط انترنت
Accessories – LAN

FLATIMA SERIES

BS-TYPE 6P4C

WTFBP2164S-1

BS-TYPE Category 6

WTFBP24886S-1

Technical specifications   الموصفات الفنية

WTFBP2501S-1
- ► Connector Type (Outlet) : DIN Type
- ► Terminal
  Screw Terminal
  (Only coaxial core isn't screw terminal type)
- ► Impedance Input, Outlet : 75Ω
- ► Applicable Cable
  Coaxial Cable
  Characteristic Impedance 75Ω type : 5C-2V, 3C-2V
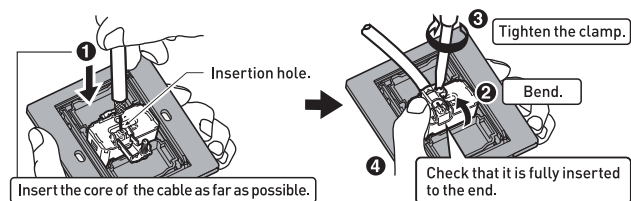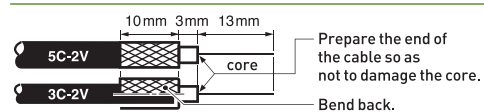
WTFBP2731S-1
- ► Connector Type (Outlet) : F Type
- ► Terminal
  Screw Terminal
  (Only coaxial core isn't screw terminal type)
- ► Impedance Input, Outlet : 75Ω
- ► Applicable Cable
  Coaxial Cable
  Characteristic Impedance 75Ω type : S-5C-FB

Technical Specifications   الموصفات الفنية

- ► 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 Connection)
- ► 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)

- ► Connector Type
  "8-way unshielded fixed connector
  (miniature 8-position modular jack)" specified in IEC 60603-7
- ► Terminal
  IDC connection
- ► Applicable Wire
  4-pair UTP cable, Category 6
  Conductor : Solid copper wire,
  24 AWG - 22 AWG (diameter : 0.5 mm-0.65 mm)

Features   المميزات

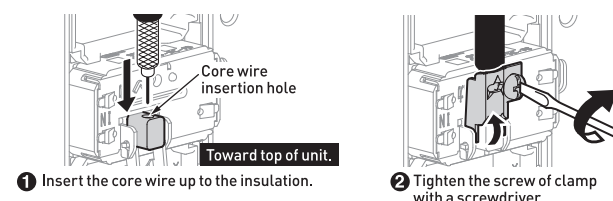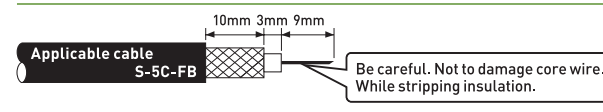#### "Easy Connect" terminal for direct insertion of coaxial cable core.
Insert fully and tighten clamp.

WTFBP2501S-1

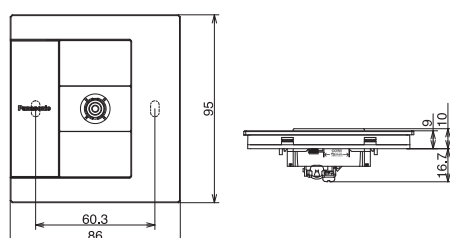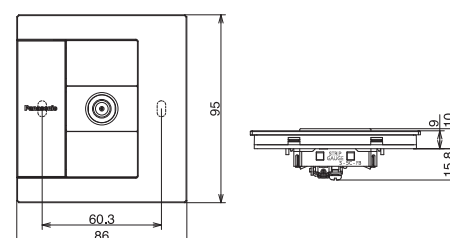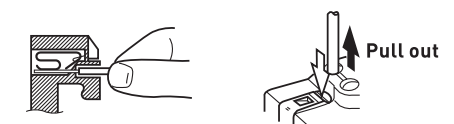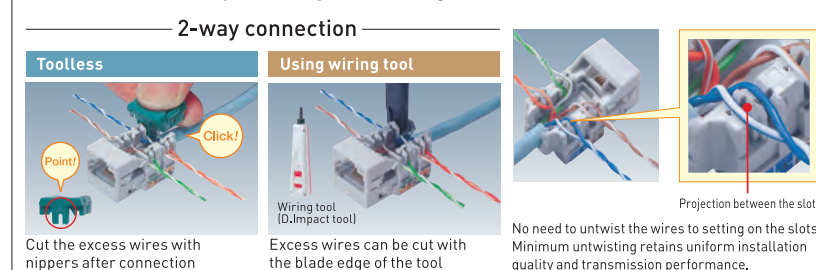10mm 3mm 13mm

5C-2V | core
3C-2V

Prepare the end of
the cable so as
not to damage the core.

Bend back.

① Insertion hole.

③ Tighten the clamp.

② Bend.

④ Check that it is fully inserted
to the end.

Insert the core of the cable as far as possible.

WTFBP2731S-1

10mm 3mm 9mm

Applicable cable
S-5C-FB

Be careful. Not to damage core wire.
While stripping insulation.

Core wire
insertion hole

Toward top of unit.

① Insert the core wire up to the insulation.

② Tighten the screw of clamp
with a screwdriver.

Features   المميزات

Telephone

○ **Simple Connection**
Just insert cable into the terminal hole.

○ **Easy Cable Disconnection**
Push removal button while pulling out cable.

Pull out

LAN

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

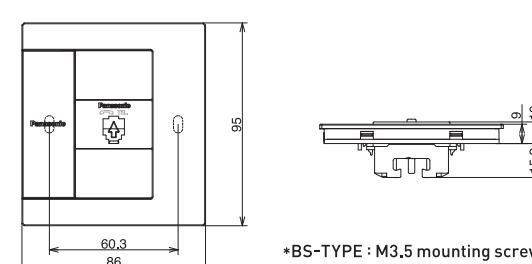**2** No need to untwist the wires.

— 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

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

Projection between the slots

Pin/Pair assignment

T568A

Pair 3 | Pair 1 | Pair 4
1 2 3 4 5 6 7 8

T568B (Optional)

Pair 2 | Pair 1 | Pair 4
1 2 3 4 5 6 7 8

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   الأبعاد

BS-TYPE DIN Type

95
60.3
86
16.7 9 10

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

F Type

95
60.3
86
15.8 9 10

Dimensions   الأبعاد

BS-TYPE 6P4C

95
60.3
86
15.9 9 10

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

BS-TYPE Category 6
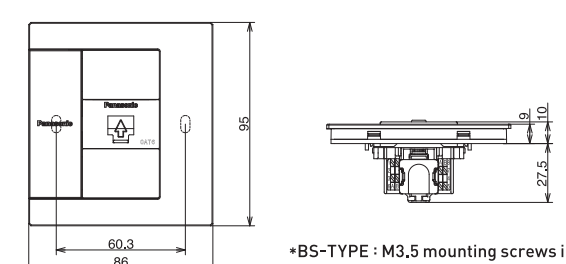
95
60.3
86
27.5 9 10

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

TECHNICAL DETAILS   MCB/MCCB   ISOLATER   RCCB

FLATIMA SERIES   BS-TYPE

سلسلة الفنادق
Hotel Series

FLATIMA
SERIES

Do not Disturb and Please Clean Up switch and indicator
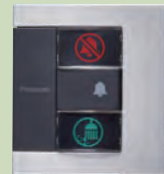
Electric card switch

WTFBP52525-1   **WTFBP53576-1**   **WTFBP5781-1**

Features المميزات
Wiring Diagrams

DND and PCU Switch & Indicator

N
220 V ∿ L

Indoor   Outdoor

DND Switch (2-Way Switch)   0   3   DND indicator
                              1

PCU Switch (1-Way Switch)   Push Switch

                                             PCU indicator

Buzzer
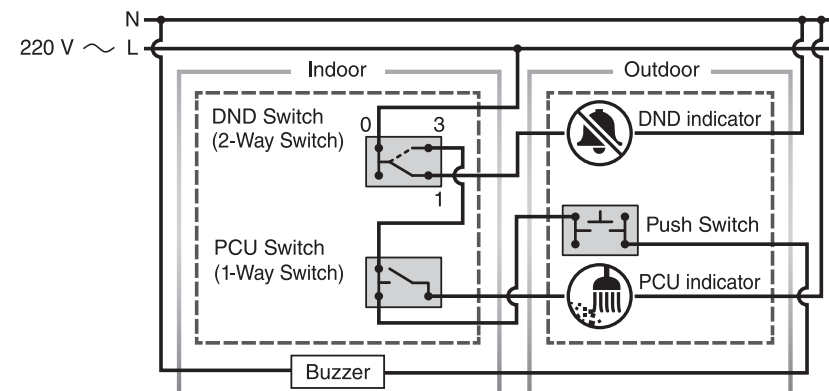
DND: DON'T DISTURB   **PCU**: PLEASE CLEAN UP

The "DND" and "PCU" indicator can not be lit at the same time.
Only "DND" indicator will lights up even though both switches are ON.
Please turn "DND" switch to OFF mode in order to light up "PCU" indicator.

Electric Card Switch

Load

Controlled circuit

N   L   LOAD

Breaker ⇐ Have to use 16 A protective circuit breaker

∼ Power supply
AC 220 V - 240 V ∿

FLATIMA SERIES   BS-TYPE

اخرى
Others

HDMI connecter

WTFBP2021S-1

Technical Specifications الموصفات الفنية
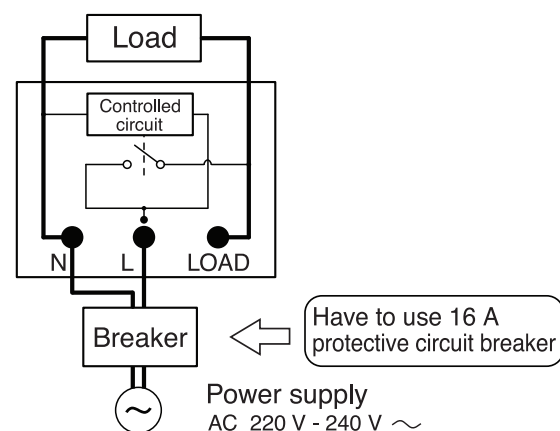
▶ Applicable Wire
   HDMI cable : Type A

Type A (standard)

▶ Wiring Method

Display device

HDMI Cable

Input device

HDMI Connector

2-port USB Charger

WTFBP1072S-1

Technical Specifications الموصفات الفنية

▶ Standards
   Comply with
   USB: IEC 60950-1

▶ Rating
   USB Charger : DC 5V 2.0A

▶ Ambient Temperature
   -10°C － +40°C
▶ Representative Performance
   ·Operation test :
       USB Charger : 10,000 times
   ·Temperature rise : Test current 20A (2.5mm^2)
                       Not more than 52K (Terminals)

▶ Terminal
   Quick connect Terminal Ⅱ
▶ Applicable Wire
   1.5 mm^2 - 2.5 mm^2
   14AWG - 12AWG   - 2.25mm
▶ Terminal Capacity
   1.5 mm^2 x 1
   2.5 mm^2 x 1
   14 AWG x 1
   12 AWG x 1