TENIA
www.tenialighting.com

XIAMEN TENIA LIGHTING & ELECTRICAL CO., LTD.

Add: No.575, Second Ring South Road, Tong'an Xiamen China.
Post code: 361100
Tel: 86-592-7772178 7772177 Fax: 86-592-7772176
Http : // www.tenialighting.com
E-mail:sales@tenialighting.com

XIAMEN TENIA

To Be One of Your Reliable Partner













LED Dimmer Switch &
Fast Charging Outlet **2025**

TENIA
www.tenialighting.com

Intertek

RoHS



Xiamen Tenia Lighting & Electrical Co., Ltd is a professional manufacturer in researching and developing LED lighting products, smart switches and smart dimmers, which founded in 2005 and located in Xiamen China.

Our factory focus on the development of R&D, assembly and management, covering an area of 20000m², which with 8 assembling lines, 8 plug-in lines and 2 semi-automactic lines. Here, more than 860 experienced lighting team-members strive our best to provide the excellent support to our customers. The accessories including whole housing, heat sink, optical lens are all designed by our team. The peak season production capacity reaches more than 3.5 million pieces per month.

Our company pays high attention to the products quality, customer service and brand building. " Pursuing Brilliance & Creating Perfection " is our aim. Most of our LED lamps have been approved and received certificates to access worldwide markets. We own certificates of ETL, C-ETL, FCC, ENERGY STAR, CE, ERP, SAA, C-Tick, INMETRO, etc. Moreover we are ISO9001:2008, BRC and BSCI certified manufacturer.

Xiamen Tenia, to be one of your reliable partner.

Content

Phase-cut Dimmer

DNA020 (Slide dimmer) 1
DNA03A (Rocker dimmer) 2
DNA030F (Rocker dimmer) 3
DNA042B (Push-button dimmer) 4
DNA042C (Push-button dimmer) 5
DNA042C with Wireless 3-Way (Push-button dimmer) 6
DNA062B with Wireless 3-Way (Push-button dimmer) 7
Wireless 3-Way Dimmer Switch Installation Methods 8
DNA042CP (PIR sensor dimmer) 9
D1208S dimmer (Built-in dimmer) 10

0-10V Dimmer

ANA020 (Slide dimmer) 11
ANA030F (Rocker dimmer) 12
ANA042C (Push-button dimmer) 13
ANA042C with Wireless 3-Way (Push-button dimmer) 14
ANA042CP (PIR sensor dimmer) 15
A1208S dimmer (Built-in dimmer) 16

12-24V DC Dimmer

DNA030F (Rocker dimmer) 17
DNA042C with Wireless 3-Way (Push-button dimmer) 18

Smart Switch

SNA042BP/SNA042EP (PIR sensor switch) 19-20
TSNA042C (Countdown Timer switch) 21
HSNA022P (PIR Humidity switch) 22
SNA042C (Rocker switch) 23
SNA062B (Split switch) 24
S1208S (Built-in switch) 25
S1210-R (Built-in switch) 26

Plug-in Dimmer Switch

PDNA012 Smart dimmer 27
PSNA012 Smart switch 28

Fan & Light Control

FSNA030F (Fan Control and Light Switch) 29
FANA030F (Fan Control) 30
FDNA010A (Dual Slide Fan Control and Dimmer) 31
Built-in Dimmer and Switch Installation 32

Fast Charging Outlet

Brief introduction 33-34
PANA040A(15A TR Duplex Receptacle) 35-36
PANA050A(20A TR Duplex Receptacle) 37-38
PANA030A (Ultra-thin) 39
PANA032A (Extender) 40

Phase-cut Dimmer



Product characteristics

- Set the minimum brightness level to make lamp turn on without dead route
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Startup and power off memory function
- Overload protection, over temperature protection
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Power Supply	Max.Load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
			LED/Incandescent	LED/Incandescent			
DNA020T1-600	120V,60Hz	Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.38 /105×44×35

Product specifications subject to change without prior notice.

TENIA | www.tenialighting.com

Phase-cut Dimmer



Product characteristics

- Set the minimum brightness level to make lamp turn on without dead route
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Startup and power off memory function
- Overload protection, over temperature protection
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Power Supply	Max.Load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
			LED/Incandescent	LED/Incandescent			
DNA03AT1-600	120V,60Hz	Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.26 /105×44×32

Product specifications subject to change without prior notice.

Phase-cut Dimmer

(Replaceable operating part)



Product characteristics

- The operating part is removable and replaceable, easily change to your favorite color
- Set the minimum brightness level to make lamp turn on without dead route
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Startup and power off memory function
- Overload protection, over temperature protection
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Power Supply	Max.Load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
			LED/Incandescent	LED/Incandescent			
DNA030FT1-600	120V,60Hz	Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.26 /105×44×32

Product specifications subject to change without prior notice.

Regular/Smart Phase-cut Dimmer



Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Smart type: Timer function (on, off, weekly cycle)
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Set the min and max brightness to adjust the lamp without flicker and dead route
- Press any button, can turn on the lamp when lamp is off
- With network status and multi-function indicator, include power and brightness
- Startup and power off memory function
- Overload protection and over temperature protection
- With disconnector to cut-off live part for safety
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
				LED/Incandescent	LED/Incandescent			
DNA042BU1-600	120V,60Hz	–	Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
DNA042BU2-*-600	120V,60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
DNA042BU3-*-600	120V,60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

Wi Fi Bluetooth ZigBee ios

Regular/Smart Phase-cut Dimmer



Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Smart type: Timer function (on, off, weekly cycle)
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Set the min and max brightness to adjust the lamp without flicker and dead route
- Press any button, can turn on the lamp when lamp is off
- With network status and multi-function indicator, include power and brightness
- Startup and power off memory function
- Overload protection and over temperature protection
- With disconnector to cut-off live part for safety
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
				LED/Incandescent	LED/Incandescent			
DNA042CU1-600	120V,60Hz	–	Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
DNA042CU2-*-600	120V,60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
DNA042CU3-*-600	120V,60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

Wi Fi Bluetooth ZigBee ios

TENIA www.tenialighting.com

Regular/Smart Phase-cut Dimmer with Wireless 3-Way



Product characteristics

- Includes dimmer switch, Wireless 3-Way Dimmer switch and wall mount brackets.
- Easy 3-WAY setup: Create a 3-way application by mounting the wireless 3-way dimmer to any wall surface with a wall mount bracket, without punching holes or pulling wires. Also can replace existing 3-way switches by mounting the bracket on the wall box.
- Multiple Wireless 3-Way Dimmer switches can be matched for multi-way control.
- Wireless remote control: Wireless 3-Way Dimmer switch can be used as a remote to control lights from anywhere in the homes.
- Both Smart and Non-smart types are available.

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
DNA042CU1-600-R	120V,60Hz	—	Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
DNA042CU2-*-600-R	120V,60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
DNA042CU3-*-600-R	120V,60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

WiFi Bluetooth ZigBee ios

Split dimmer switch with Wireless 3-Way



Split dimmer switch



With Wireless 3-Way dimmer switch

Product characteristics

- The dimmer switch is split, the remote can be removed separately.
- Includes split dimmer switch, Wireless 3-Way Dimmer switch and wall mount brackets.
- Easy 3-WAY setup: Create a 3-way application by mounting the wireless 3-way dimmer to any wall surface with a wall mount bracket, without punching holes or pulling wires. Also can replace existing 3-way switches by mounting the bracket on the wall box.
- Multiple Wireless 3-Way Dimmer switches can be matched for multi-way control.
- Wireless remote control: Wireless 3-Way Dimmer switch also can be used as a remote to control lights from anywhere in the homes.
- Both Smart and Non-smart types are available.

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
				LED/Incandescent	LED/Incandescent			
DNA062BM1-500-R	120V,60Hz	—	Live wire	300W/500W	3W/15W	Phase cut (Universal)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
DNA062BM2-*-500-R	120V,60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	300W/500W	3W/15W	Phase cut (Universal)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
DNA062BM3-*-500-R	120V,60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	300W/500W	3W/15W	Phase cut (Universal)	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

WiFi Bluetooth ZigBee ios

TENIA www.tenialighting.com

Wireless 3-Way Dimmer Switch Installation Methods



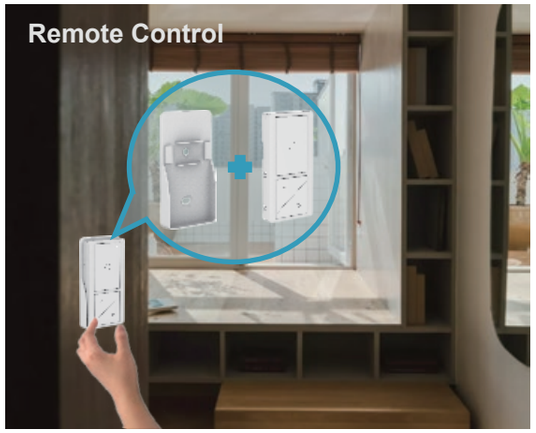
LED DIMMER

+



Wireless 3-way dimmer switch





Feature:

- Wirelessly turn on and off the lights and dim the lights
- 3 different wireless installation methods
- Can set the minimum brightness by the dimmer
- Functional indicator light



Product specifications subject to change without prior notice.

TENIA | www.tenialighting.com

WiFi Bluetooth ZigBee iOS

Regular/Smart PIR Sensor Dimmer

(Phase-cut)







Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Smart type: Timer function (on, off, weekly cycle)
- PIR sensor with Lux detection controls lamp on and off
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Set the min and max brightness to adjust the lamp without flicker and dead route
- Press any button, can turn on the lamp when lamp is off
- With network status and multi-function indicator, include power and brightness
- Startup and power off memory function
- Overload protection and over temperature protection
- With disconnector to cut-off live part for safety
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
				LED/Incandescent	LED/Incandescent			
DNA042CPU1-600	120V,60Hz	–	Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.38 /105×44×35
DNA042CPU2-*-600	120V,60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.38 /105×44×35
DNA042CPU3-*-600	120V,60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	200W/600W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	4.13×1.73×1.38 /105×44×35

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

WiFi Bluetooth ZigBee iOS

Dimmer Installation see Page 32

TENIA | www.tenialighting.com

Regular/Smart Built-in Dimmer

(Phase-cut)





Wireless 3-way dimmer switch and Mounting brackets are optional.

See Page 8 for installation.

Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Set the min and max brightness to adjust the lamp without flicker and dead route
- Timer function (on, off, weekly cycle)
- Functional indicator light
- Startup and power off memory function
- Overload protection and over temperature protection
- Single pole or 3-Way circuit
- Optional Wireless 3-way dimmer switch

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
				LED/Incandescent	LED/Incandescent			
D1208SU2-300	120V,60Hz	–	Neutral and Live wire	200W/300W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23
D1208SU2-W-300	120V,60Hz	WiFi	Neutral and Live wire	200W/300W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23
D1208SU2-B-300	120V,60Hz	Bluetooth	Neutral and Live wire	200W/300W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23
D1208SU2-ZB-300	120V,60Hz	Zigbee	Neutral and Live wire	200W/300W	3W/15W	Phase cut (leading)	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23

Product specifications subject to change without prior notice.

0-10V Dimmer



Product characteristics

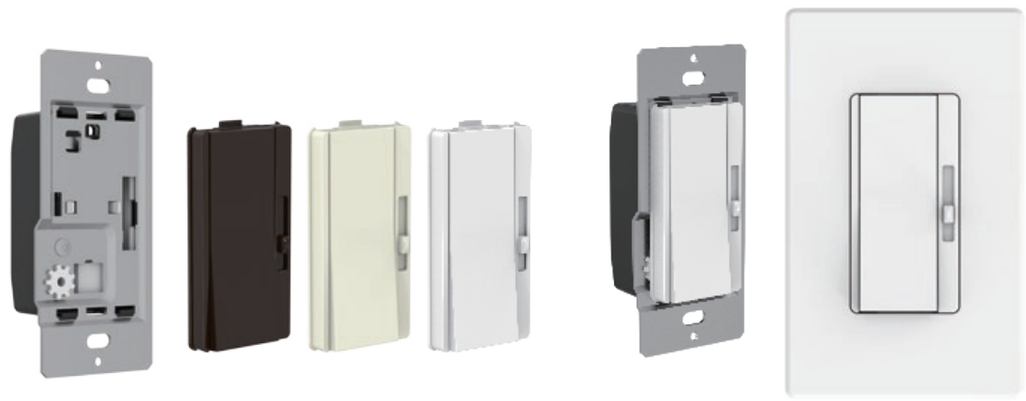
- Set the minimum brightness level to make lamp turn on without dead route
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Power Supply	Max.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
ANA0201-600	120-277V, 50/60Hz	Live wire	600VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.38 /105×44×35

Product specifications subject to change without prior notice.

TENIA www.tenialighting.com

0-10V Dimmer



Product characteristics

- The operating part is removable and replaceable, easily change to your favorite color
- Set the minimum brightness level to make lamp turn on without dead route
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Power Supply	Max.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
ANA030F1-600	120-277V, 50/60Hz	Live wire	600VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.26 /105×44×32
ANA030F1-1200	120-277V, 50/60Hz	Live wire	1200VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.26 /105×44×32
ANA030FU3-1200	120-277V, 50/60Hz	Live wire or Neutral & Live wire	1200VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.26 /105×44×32

Product specifications subject to change without prior notice.

WiFi Bluetooth ZigBee ios

Regular/Smart 0-10V Dimmer



Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Smart type: Timer function (on, off, weekly cycle)
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Set the min and max brightness to adjust the lamp without flicker and dead route
- Press any button, can turn on the lamp when lamp is off
- With network status and multi-function indicator, include power and brightness
- Startup and power off memory function
- Overload protection and over temperature protection
- With disconnector to cut-off live part for safety
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
				LED/Incandescent	LED/Incandescent			
ANA042CULR1-1200	120-277V, 50/60Hz	–	Live wire	1200VA	5VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
ANA042CULR2-*-1200	120-277V, 50/60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	1200VA	3VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
ANA042CULR3-*-1200	120-277V, 50/60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	1200VA	5VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

WiFi Bluetooth ZigBee ios

TENIA | www.tenialighting.com

Regular/Smart 0-10V Dimmer with Wireless 3-Way



Wireless 3-way dimmer switch installation see Page 8

Product characteristics

- Includes dimmer switch, Wireless 3-Way Dimmer switch and wall mount brackets.
- Easy 3-WAY setup: Create a 3-way application by mounting the wireless 3-way dimmer to any wall surface with a wall mount bracket, without punching holes or pulling wires. Also can replace existing 3-way switches by mounting the bracket on the wall box.
- Multiple Wireless 3-Way Dimmer switches can be matched for multi-way control.
- Wireless remote control: Wireless 3-Way Dimmer switch can be used as a remote to control lights from anywhere in the homes.
- Both Smart and Non-smart types are available.

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
				LED/Incandescent	LED/Incandescent			
ANA042CULR1-1200-R	120-277V, 50/60Hz	–	Live wire	1200VA	5VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
ANA042CULR2-*-1200-R	120-277V, 50/60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	1200VA	5VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
ANA042CULR3-*-1200-R	120-277V, 50/60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	1200VA	5VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

Regular/Smart 0-10V PIR Dimmer



Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Smart type: Timer function (on, off, weekly cycle)
- PIR sensor with Lux detection controls lamp on and off
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Set the min and max brightness to adjust the lamp without flicker and dead route
- Press any button, can turn on the lamp when lamp is off
- With network status and multi-function indicator, include power and brightness
- Startup and power off memory function
- Overload protection and over temperature protection
- With disconnector to cut-off live part for safety
- Single pole or 3-Way circuit

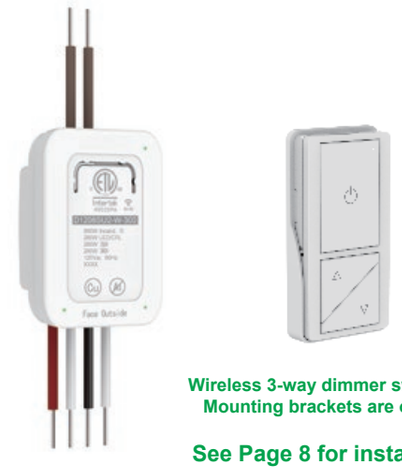
Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
				LED/Incandescent	LED/Incandescent			
ANA042CPULR1-1200	120-277V, 50/60Hz	–	Live wire	1200VA	5VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.38 /105×44×35
ANA042CPULR2-*-1200	120-277V, 50/60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	1200VA	3VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.38 /105×44×35
ANA042CPULR3-*-1200	120-277V, 50/60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	1200VA	5VA	0-10V	Single-Pole or 3-Way	4.13×1.73×1.38 /105×44×35

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

Dimmer Installation see Page 32

Regular/Smart 0-10V Dimmer



Wireless 3-way dimmer switch and Mounting brackets are optional.

See Page 8 for installation.

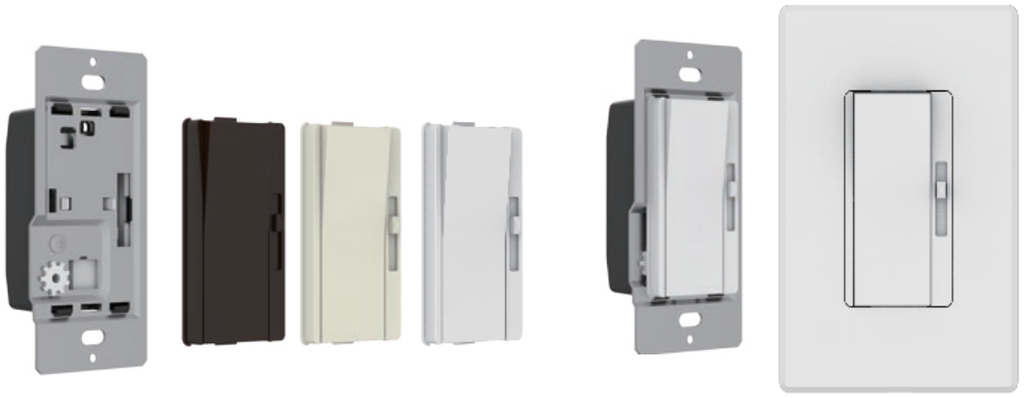
Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Set the min and max brightness to adjust the lamp without flicker and dead route
- Timer function (on, off, weekly cycle)
- Functional indicator light
- Startup and power off memory function
- Overload protection and over temperature protection
- Single pole or 3-Way circuit
- Optional Wireless 3-way dimmer switch

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
				LED/Incandescent	LED/Incandescent			
A1208SULR2-1200	120-277V, 50/60Hz	–	Neutral and Live wire	1200VA	3VA	0-10V	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23
A1208SULR2-W-1200	120-277V, 50/60Hz	WiFi	Neutral and Live wire	1200VA	3VA	0-10V	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23
A1208SULR2-B-1200	120-277V, 50/60Hz	Bluetooth	Neutral and Live wire	1200VA	3VA	0-10V	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23
A1208SULR2-ZB-1200	120-277V, 50/60Hz	Zigbee	Neutral and Live wire	1200VA	3VA	0-10V	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23

Product specifications subject to change without prior notice.

12V/24V DC Dimmer



Product characteristics

- The operating part is removable and replaceable, easily change to your favorite color
- Set the minimum brightness level to make lamp turn on without dead route
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Overload protection, over temperature protection
- Single pole circuit

Model No.	Rated Voltage	Max.Load LED	Dimming Method	Application	Dimension L×W×H (in/mm)
DNA030FM0-120	DC 12V	60W	PWM	Single-Pole or 3-Way	4.13×1.73×1.26 /105×44×32
	DC 24V	120W			
DNA030FM0-240	DC 12V	120W	PWM	Single-Pole or 3-Way	4.13×1.73×1.26 /105×44×32
	DC 24V	240W			

Product specifications subject to change without prior notice.

12V/24V DC Dimmer with Wireless 3-Way



Product characteristics

- Includes dimmer switch, Wireless 3-Way Dimmer switch and wall mount brackets.
- Easy 3-WAY setup: Create a 3-way application by mounting the wireless 3-way dimmer to any wall surface with a wall mount bracket, without punching holes or pulling wires. Also can replace existing 3-way switches by mounting the bracket on the wall box.
- Multiple Wireless 3-Way Dimmer switches can be matched for multi-way control.
- Wireless remote control: Wireless 3-Way Dimmer switch can be used as a remote to control lights from anywhere in the homes.

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.Load	Dimming Method	Application	Dimension L×W×H (in/mm)
DNA042CM0-120-R	DC 12V	—	DC	60W	—	PWM	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
	DC 24V	—	DC	120W	—			
DNA042CM0-240-R	DC 12V	—	DC	120W	—	PWM	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31
	DC 24V	—	DC	240W	—			

Product specifications subject to change without prior notice.

WiFi Bluetooth ZigBee ios

Regular/Smart PIR Sensor Switch



Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Smart type: Timer function (on, off, weekly cycle)
- PIR sensor with Lux detection controls lamp on and off
- PIR function can be selected on or off
- Ambient brightness, lighting time and PIR sensitivity can be adjusted
- With power off memory function and over temperature protection.
- Low power consumption and high reliability
- Good load compatibility, suitable for multiple types of loads
- Suitable for low power loads
- With disconnector to cut-off live part for safety

Model No.	Rated Voltage	Communication Module	Power Supply	Max. load	Min. load	Application	PIR		Dimension L×W×H (in/mm)
							Detection Degree	motion coverage	
SNA042BPLR1-600	120V,60Hz	–	Live wire	600VA	5VA	Single-Pole	135°	9m×9m	4.13×1.73×1.34 /105×44×34
SNA042BPLR1-600	120-277V 50/60Hz	–	Live wire	600VA	5VA	Single-Pole or 3-Way	135°	9m×9m	4.13×1.73×1.34 /105×44×34
SNA042BPLR1-1200	120-277V 50/60Hz	–	Live wire	1200VA	5VA	Single-Pole or 3-Way	135°	9m×9m	4.13×1.73×1.34 /105×44×34
SNA042BPLR2-*-1200	120-277V 50/60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	1200VA	3VA	Single-Pole or 3-Way	135°	9m×9m	4.13×1.73×1.34 /105×44×34
SNA042BPLR3-*-1200	120-277V 50/60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	1200VA	5VA	Single-Pole or 3-Way	135°	9m×9m	4.13×1.73×1.34 /105×44×34

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

Regular PIR Sensor Switch



Product characteristics

- PIR sensor with Lux detection controls lamp on and off
- PIR function can be selected on or off
- Ambient brightness, lighting time and PIR sensitivity can be adjusted
- With power off memory function and over temperature protection.
- Low power consumption and high reliability
- Good load compatibility, suitable for multiple types of loads
- Suitable for low power loads
- With disconnector to cut-off live part for safety

Model No.	Rated Voltage	Power Supply	Max. load	Min. load	Application	PIR		Dimension L×W×H (in/mm)
						Detection Degree	motion coverage	
SNA042EPLR1-600	120V,60Hz	Live wire	600VA	5VA	Single-Pole	135°	9m×9m	4.13×1.73×1.34 /105×44×34
SNA042EPLR2-600	120V,60Hz	Neutral and Live wire	600VA	5VA	Single-Pole	135°	9m×9m	4.13×1.73×1.34 /105×44×34
SNA042EPLR1-600	120-277V 50/60Hz	Live wire	600VA	5VA	Single-Pole or 3-Way	135°	9m×9m	4.13×1.73×1.34 /105×44×34
SNA042EPLR2-600	120-277V 50/60Hz	Neutral and Live wire	600VA	5VA	Single-Pole or 3-Way	135°	9m×9m	4.13×1.73×1.34 /105×44×34
SNA042EPLR1-1200	120-277V 50/60Hz	Live wire	1200VA	5VA	Single-Pole or 3-Way	135°	9m×9m	4.13×1.73×1.34 /105×44×34
SNA042EPLR2-1200	120-277V 50/60Hz	Neutral and Live wire	1200VA	5VA	Single-Pole or 3-Way	135°	9m×9m	4.13×1.73×1.34 /105×44×34

Product specifications subject to change without prior notice.

Countdown Timer Switch



Product characteristics

- Manually turn on the light and automatically turn off the light by countdown timer switch.
- Set the delayed turn-off time by the countdown timer switch.
- With startup and power off memory function.
- With function indicator.
- Over temperature protection.
- Single pole or 3-Way circuit.
- Setting 8 options: 5min, 10min, 15min, 30min, 45min, 60min, 90min and On.

Model No.	Rated Voltage	Power Supply	Max.load	Application	Dimension L×W×H (in/mm)
TSNA042CLR1-1X1200	120-277V, 50/60Hz	Live wire	1200VA	Single-Pole or 3-Way	4.13×1.73×1.22 /105×44×31

Product specifications subject to change without prior notice.

TENIA www.tenialighting.com

PIR Humidity switch



Product characteristics

- The fan on and off can be controlled by humidity switch.
- The PIR sensor controls the lights on and off.
- Convenient - Detects humidity, automatically turns the fan on and off. Manually press to activate fan for immediate ventilation needs.
- Practical – perfect in areas prone to humidity like bathrooms, basements, laundry rooms and spas to help eliminate moisture that causes mold.
- With startup and power off memory function.
- With function indicator.
- Over temperature protection.
- Single pole.

Model No.	Rated Voltage	Power Supply	Max.load		Application	Dimension L×W×H (in/mm)
			LED/CFL	Fan		
HSNA022PLR1-2X600	120V,60Hz	Live wire	600VA	1/6HP	Single-Pole	4.13×1.73×1.34 /105×44×34

Product specifications subject to change without prior notice.

TENIA www.tenialighting.com

WiFi Bluetooth ZigBee ios

Regular/Smart Switch



Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Low power consumption and high reliability
- Good load compatibility, suitable for multiple types of loads
- Suitable for low power loads
- With disconnector to cut-off live part for safety
- Timer function (on, off, weekly cycle)
- Single pole or 3-Way circuit
- Optional Wireless 3-way switch

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.load	Application	Dimension L×W×H (in/mm)
SNA042CLR1-1200-R	120-277V 50/60Hz	–	Live wire	1200VA	5VA	Single-Pole or 3-Way	4.13×1.73×1.30 /105×44×33
SNA042CLR2-*-1200	120-277V 50/60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	1200VA	3VA	Single-Pole or 3-Way	4.13×1.73×1.30 /105×44×33
SNA042CLR3-*-1200	120-277V 50/60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	1200VA	5VA	Single-Pole or 3-Way	4.13×1.73×1.30 /105×44×33

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

WiFi Bluetooth ZigBee ios

TENIA www.tenialighting.com

Split switch with Wireless 3-Way



Split switch



With Wireless 3-Way switch

Product characteristics

- The switch is split, the remote can be removed separately.
- Easy 3-WAY setup: Create a 3-way application without punching holes or pulling wires
- Choose Single Or Dual Communication Modules (WiFi, Bluetooth, Zigbee)
- Smart mode: a. Support Alexa and Google Home for voice control;
  b. Remote control through APP online; c. Offline remote control the lamp (2.4G)
- Low power consumption and high reliability
- Good load compatibility, suitable for multiple types of loads
- Suitable for low power loads
- With disconnector to cut-off live part for safety
- Timer function (on, off, weekly cycle)
- Single pole or 3-Way circuit

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.load	Application	Dimension L×W×H (in/mm)
SNA062BLR1-1200-R	120-277V 50/60Hz	–	Live wire	1200VA	5VA	Single-Pole or 3-Way	4.13×1.73×1.30 /105×44×33
SNA062BLR2-*-1200-R	120-277V 50/60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	1200VA	3VA	Single-Pole or 3-Way	4.13×1.73×1.30 /105×44×33
SNA062BLR3-*-1200-R	120-277V 50/60Hz	Bluetooth Zigbee	Live wire or Neutral & Live wire	1200VA	5VA	Single-Pole or 3-Way	4.13×1.73×1.30 /105×44×33

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

WiFi Bluetooth ZigBee ios

Regular/Smart Built-in Switch

Switch Installation see Page 32





Optional

Product characteristics

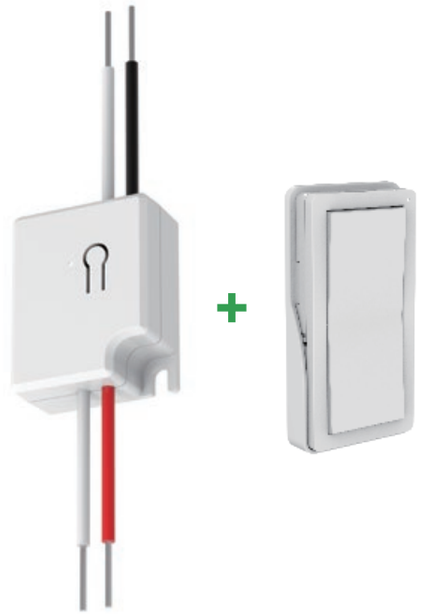
- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Low power consumption and high reliability
- Good load compatibility, suitable for multiple types of loads
- Suitable for low power loads
- Timer function (on, off, weekly cycle)
- Single pole or 3-Way circuit
- Optional Wireless 3-way switch

Model No.	Rated Voltage	Communication Module	Power Supply	Max.load	Min.load	Application	Dimension L×W×H (in/mm)
S1208SLR2-1200	120-277V 50/60Hz	–	Neutral and Live wire	1200VA	3VA	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23
S1208SLR2-2X600	120-277V 50/60Hz	–	Neutral and Live wire	600VA	3VA	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23
S1208SLR2-*-1200	120-277V 50/60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	1200VA	3VA	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23
S1208SLR2-*-2X600	120-277V 50/60Hz	Bluetooth Zigbee Wifi	Neutral and Live wire	600VA	3VA	Single-Pole or 3-Way	2.32×1.54×0.91 /59×39×23

Remark:"*"in model means Communication Module, W- means WiFi, B- means Bluetooth, ZB- means Zigbee.

Product specifications subject to change without prior notice.

Regular Built-in Switch





Product characteristics

- Low power consumption and high reliability
- Good load compatibility, suitable for multiple types of loads
- Suitable for low power loads
- Single pole
- Match with remote control switch

Model No.	Rated Voltage		Power Supply	Max.load@120V	Application	Dimension L×W×H (in/mm)
S1210R2-600-R	120V,60Hz	120-277V 50/60Hz	Neutral and Live wire	Incand.: 5A/600VA LED/CFL: 3A/360VA Motor: 1/4 HP	Single-Pole	1.38x1.10x0.59in/ 35x28x15mm

Product specifications subject to change without prior notice.

TENIA | www.tenialighting.com

Wi Fi Bluetooth ios

Smart Plug-in Dimmer

(Phase-cut)

Dimming 1%-100%





Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Smooth dimming curve and good dimming characteristic
- High adaptability and compatibility
- Set the min and max brightness to adjust the lamp without flicker and dead route
- Timer function (on, off, weekly cycle)
- With status indicator
- Startup and power off memory function
- Overload protection and over temperature protection

Model No.	Rated Voltage	Communication Module	Max.Load	Min.Load	Dimming Method	Dimension L×W×H (in/mm)
			LED/Incandescent	LED/Incandescent		
PDNA012U2-*-300	120V,60Hz	WiFi WiFi&Bluetooth	200W/300W	3W/15W	Phase cut (leading)	1.79×1.85×1.99 /45.5×47×50.5

Remark:"*"in model means Communication Module, W- means WiFi; WB- means WiFi + Bluetooth.

Product specifications subject to change without prior notice.

Wi Fi Bluetooth ZigBee ios

TENIA | www.tenialighting.com

Smart Plug-in Switch





Product characteristics

- Smart mode: a. Support Alexa and Google Home for voice control; b. Remote control through APP
- Timer function(on and off, weekly cycle)
- With status indicator
- Overload protection, over temperature protection

Model No.	Rated Voltage	Communication Module	Max.Load	Min.Load	Dimension L×W×H (in/mm)
			LED/Incandescent	LED/Incandescent	
PSNA012LR2-W-1200	120V,50/60Hz	WiFi	1200VA	3VA	1.79×1.85×1.99 /45.5×47×50.5
PSNA012LR2-B-1200	120V,50/60Hz	Bluetooth	1200VA	3VA	1.79×1.85×1.99 /45.5×47×50.5
PSNA012LR2-ZB-1200	120V,50/60Hz	Zigbee	1200VA	3VA	1.79×1.85×1.99 /45.5×47×50.5

Product specifications subject to change without prior notice.

Ceiling Fan Speed Controller and Light Switch（2 in 1）





Product characteristics

- Use rocker switch to turn ON/OFF the lights
- Use slide switch to turn ON/OFF the fan and control the fan speed
- 3 quiet speeds are available for the fan: Low, Medium and High
- Live wire only
- With startup and power off memory function
- Single pole

Model No.	Rated Voltage	Power Supply	Max .Load		Application	Dimension L×W×H (in/mm)
			LED/Incandescent	Fan		
FSNA030F1-300W(Light)/1.6A(Fan)	120V,60Hz	Live wire	300W	1.6A	Single pole	4.13×1.73×1.61 /105×44×41

Product specifications subject to change without prior notice.

TENIA | www.tenialighting.com

Ceiling Fan Speed Controller





Product characteristics

- Use rocker switch to turn ON/OFF the fan
- Use slide switch to control the fan speed
- 3 quiet speeds are available for the fan: Low, Medium and High
- Live wire only
- With startup and power off memory function
- Single pole

Model No.	Rated Voltage	Power Supply	Max .Load	Application	Dimension L×W×H (in/mm)
			Fan		
FANA030F1-1.6A	120V,60Hz	Live wire	1.6A	Single pole	4.13×1.73×1.61 /105×44×41

Product specifications subject to change without prior notice.

Dual Slide Fan Control and Dimmer





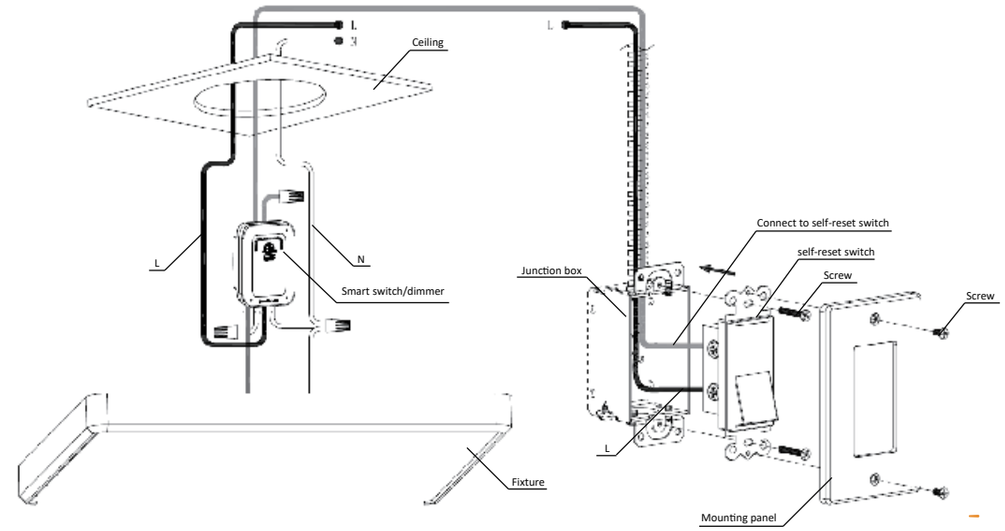
Product characteristics

- Dual slide-to-off fan control and dimmer
- Slider for fan provides 3 quiet fan speeds: Low, Medium and High
- Slider for lights provides full range light dimming
- Can set the minimum brightness of the light by trim adjustment wheel.
- With startup and power off memory function
- Live wire only
- Single pole

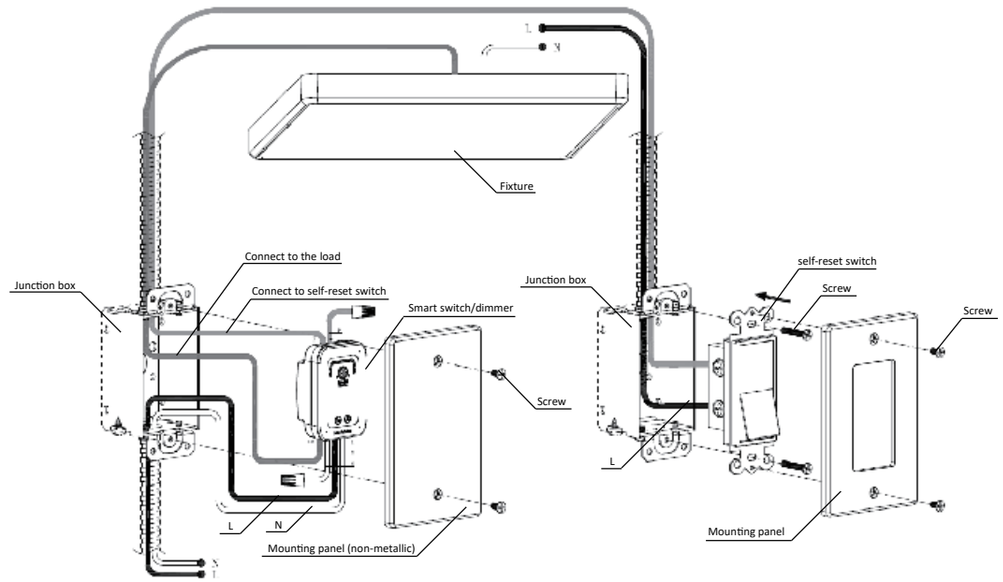
Model No.	Rated Voltage	Power Supply	Max .Load		Application	Dimension L×W×H (in/mm)
			LED/Incandescent	Fan		
FDNA010AT1-300W(Light)/1.5A(Fan)	120V,60Hz	Live wire	200W/300W	1.5A	Single pole	4.13×1.73×1.88 /105×44×48

Product specifications subject to change without prior notice.

Built-in Dimmer and Switch Installation



Ceiling mounting



Junction box installation

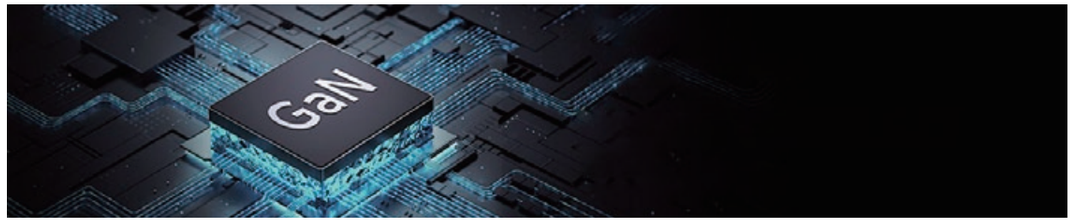
Product specifications subject to change without prior notice.

65W GaN
Ultra Fasting Charging Outlet

Compatible with Many kinds of Devices
Type-C & Type-A with 65W output

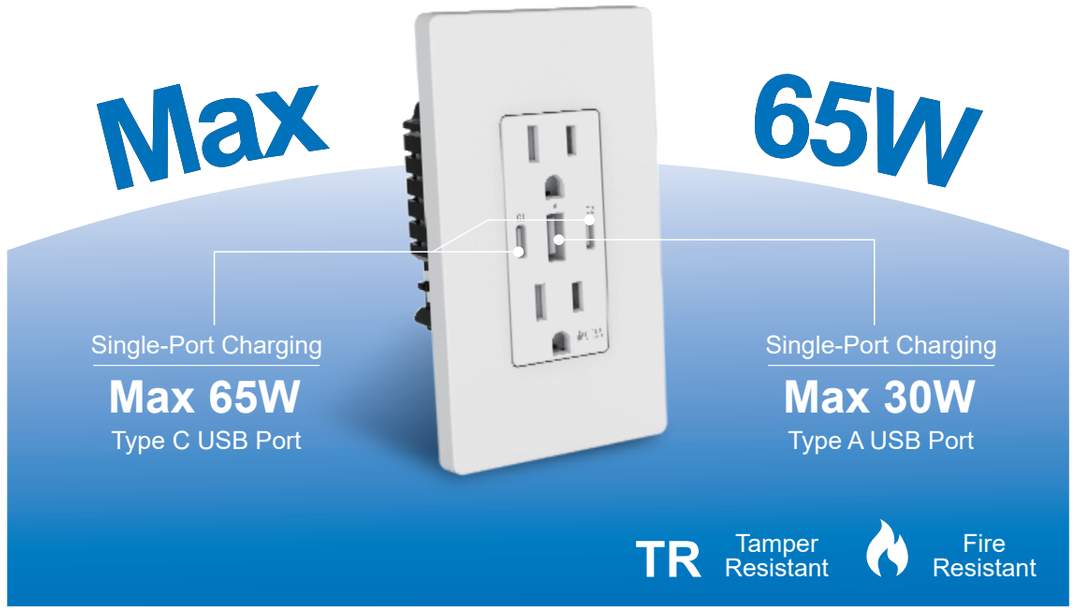


GaN Technology



Enable faster charging of your devices compared to traditional outlets

- Efficient
- Compact
- Durable



PD 3.0 · PPS · QC 2.0/3.0/4+ · FCP · SCP · AFC · 2.4 · BC 1.2 · PE+

Charging protocols: PD3.0/PPS/QC3.0/QC2.0/QC4+/FCP SCP AFC/Apple2.4/BC1.2/PE+

65W GaN Fast charging wall outlet

In Wall - 15A TR Duplex Receptacle



USB Type-A + Type-C

PANA040A-1C1A-65W



USB Type-C + Type-C

PANA040A-2C0A-65W



USB Type-A + 2 x Type-C

PANA040A-2C1A-65W



USB 3 x Type-C

PANA040A-3C0A-65W

Product characteristics

- Fast charging & Power: Up to 65W max, High-speed and convenient charging for smartphones, tablets, laptops, and other USB devices that support Power Delivery technology.
- Efficient & Reliable: Gallium nitride (GaN) solution achieve low heat temperature but higher charging efficiency, which is more powerful and durable.
- Rated voltage: 120V, 60Hz
- Power supply: Neutral and Live wire
- Charging protocols: PD3.0/PPS/QC3.0/QC2.0/QC4+/FCP SCP AFC/Apple2.4/BC1.2/PE+
- Size: 4.13in×1.69in×1.81in (L×W×H)

Product specifications subject to change without prior notice.

TENIA | www.tenialighting.com

Model No.	AC Outlet Current	Charging port	Charging Power	Charging output parameter			
PANA040A-1C1A-65W	Duplex total 15A Max.	USB Type-(C+A)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-A	30W Max.	5V/9V⎓3A,12V⎓2.5A,20V⎓1.5A
				Two-port charging Type-(C1+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-A	18W Max.	
PANA040A-2C0A-65W	Duplex total 15A Max.	USB Type-(2C)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-C2	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
				Two-port charging Type-(C1+C2)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-C2	20W Max.	5V⎓3A,9V⎓2.2A,12V⎓1.67A
PANA040A-2C1A-65W	Duplex total 15A Max.	USB Type-(2C+A)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-C2	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-A	30W Max.	5V/9V⎓3A,12V⎓2.5A,20V⎓1.5A
				Two-port charging Type-(C1+C2)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-C2	20W Max.	5V⎓3A,9V⎓2.2A,12V⎓1.67A
				Two-port charging Type-(C1+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-A	18W Max.	
				Two-port charging	Type-(C2+A)	15W Max.	5V⎓3A (shared)
				Three-port charging Type-(C1+C2+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-(C2+A)	15W Max.	5V⎓3A (shared)
PANA040A-3C0A-65W	Duplex total 15A Max.	USB Type-(3C)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-C2	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-C3	30W Max.	5V/9V⎓3A,12V⎓2.5A,20V⎓1.5A
				Two-port charging Type-(C1+C2)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-C2	20W Max.	5V⎓3A,9V⎓2.2A,12V⎓1.67A
				Two-port charging Type-(C1+C3)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-C3	18W Max.	
				Two-port charging	Type-(C2+C3)	15W Max.	5V⎓3A (shared)
				Three-port charging Type-(C1+C2+C3)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-(C2+C3)	15W Max.	5V⎓3A (shared)

Charging protocols:
C1/C2: PD3.0/PPS/QC3.0/QC2.0/QC4+/FCP SCP AFC/Apple2.4/BC1.2/PE+
A/C3: QC3.0/QC2.0/FCP SCP AFC/Apple2.4/BC1.2/PE+
C2(Two-port charging): PD3.0/QC3.0/QC2.0/FCP SCP AFC/Apple2.4/BC1.2/PE+

65W GaN Fast charging wall outlet

In Wall - 20A TR Duplex Receptacle



USB Type-A + Type-C

PANA050A-1C1A-65W



USB Type-C + Type-C

PANA050A-2C0A-65W



USB Type-A + 2 x Type-C

PANA050A-2C1A-65W



USB 3 x Type-C

PANA050A-3C0A-65W

Product characteristics

- Fast charging & Power: Up to 65W max, High-speed and convenient charging for smartphones, tablets, laptops, and other USB devices that support Power Delivery technology.
- Efficient & Reliable: Gallium nitride (GaN) solution achieve low heat temperature but higher charging efficiency, which is more powerful and durable.
- Rated voltage: 120V, 60Hz
- Power supply: Neutral and Live wire
- Charging protocols: PD3.0/PPS/QC3.0/QC2.0/QC4+/FCP SCP AFC/Apple2.4/BC1.2/PE+
- Size: 4.13in×1.69in×1.81in (L×W×H)

Product specifications subject to change without prior notice.

TENIA | www.tenialighting.com

Model No.	AC Outlet Current	Charging port	Charging Power	Charging output parameter			
PANA050A-1C1A-65W	Duplex total 20A Max.	USB Type-(C+A)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-A	30W Max.	5V/9V⎓3A,12V⎓2.5A,20V⎓1.5A
				Two-port charging Type-(C1+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-A	18W Max.	
PANA050A-2C0A-65W	Duplex total 20A Max.	USB Type-(2C)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-C2	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
				Two-port charging Type-(C1+C2)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-C2	20W Max.	5V⎓3A,9V⎓2.2A,12V⎓1.67A
PANA050A-2C1A-65W	Duplex total 20A Max.	USB Type-(2C+A)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-C2	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-A	30W Max.	5V/9V⎓3A,12V⎓2.5A,20V⎓1.5A
				Two-port charging Type-(C1+C2)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-C2	20W Max.	5V⎓3A,9V⎓2.2A,12V⎓1.67A
				Two-port charging Type-(C1+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-A	18W Max.	
				Two-port charging	Type-(C2+A)	15W Max.	5V⎓3A (shared)
				Three-port charging Type-(C1+C2+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-(C2+A)	15W Max.	5V⎓3A (shared)
PANA050A-3C0A-65W	Duplex total 20A Max.	USB Type-(3C)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-C2	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-C3	30W Max.	5V/9V⎓3A,12V⎓2.5A,20V⎓1.5A
				Two-port charging Type-(C1+C2)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-C2	20W Max.	5V⎓3A,9V⎓2.2A,12V⎓1.67A
				Two-port charging Type-(C1+C3)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-C3	18W Max.	
				Two-port charging	Type-(C2+C3)	15W Max.	5V⎓3A (shared)
				Three-port charging Type-(C1+C2+C3)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-(C2+C3)	15W Max.	5V⎓3A (shared)

Charging protocols:
C1/C2: PD3.0/PPS/QC3.0/QC2.0/QC4+/FCP SCP AFC/Apple2.4/BC1.2/PE+
A/C3: QC3.0/QC2.0/FCP SCP AFC/Apple2.4/BC1.2/PE+
C2(Two-port charging): PD3.0/QC3.0/QC2.0/FCP SCP AFC/Apple2.4/BC1.2/PE+

65W GaN Wall Fast charger

In Wall (Ultra-thin)



USB Type-A + Type-C

PANA030A-1C1A-65W

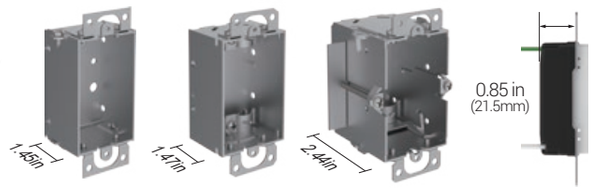


USB Type-C + Type-C

PANA030A-2C0A-65W

Product characteristics

- Fast charging & Power: Up to 65W max, High-speed and convenient charging for smartphones, tablets, laptops, and other USB devices that support Power Delivery technology.
- Efficient & Reliable: Gallium nitride (GaN) solution achieve low heat temperature but higher charging efficiency, which is more powerful and durable.
- Ultra - thin product back cover, fits in various types of junction box.
- Rated voltage: 120V, 60Hz
- Power supply: Neutral and Live wire
- Charging protocols: PD3.0/PPS/QC3.0/QC2.0/ QC4+/FCP SCP AFC/Apple2.4/BC1.2/PE+
- Size: 4.13in×1.73in×1.14in(L×W×H)



Model No.	Charging port	Charging Power	Charging output parameter			
PANA030A-1C1A-65W	USB Type-(C+A)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
				Type-A	30W Max.	5V/9V⎓3A,12V⎓2.5A,20V⎓1.5A
			Two-port charging Type-(C1+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
				Type-A	18W Max.	
PANA030A-2C0A-65W	USB Type-(2C)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
				Type-C2	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
			Two-port charging Type-(C1+C2)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
				Type-C2	20W Max.	5V⎓3A,9V⎓2.2A,12V⎓1.67A

Charging protocols:
C1/C2: PD3.0/PPS/QC3.0/QC2.0/QC4+/FCP SCP AFC/Apple2.4/BC1.2/PE+
A: QC3.0/QC2.0/FCP SCP AFC/Apple2.4/BC1.2/PE+
C2(Two-port charging): PD3.0/QC3.0/QC2.0/FCP SCP AFC/Apple2.4/BC1.2/PE+

65W GaN Fast Charging Outlet Extender



USB Type-A + Type-C

PANA032A-1C1A-65W



USB Type-A + 2 x Type-C

PANA032A-2C1A-65W

Product characteristics

- Fast charging & Power: Up to 65W max, High-speed and convenient charging for smartphones, tablets, laptops, and other USB devices that support Power Delivery technology.
- Efficient & Reliable: Gallium nitride (GaN) solution achieve low heat temperature but higher charging efficiency, which is more powerful and durable.
- Rated voltage: 120V, 60Hz
- Power supply: Neutral and Live wire
- Charging protocols: PD3.0/PPS/QC3.0/QC2.0/QC4+/FCP SCP AFC/Apple2.4/BC1.2/PE+
- Size: 4.72in×2.91in×1.77in(L×W×H)

Model No.	AC Outlet Current	Charging port	Charging Power	Charging output parameter			
PANA032A-1C1A-65W	Duplex total 15A Max.	USB Type-(C+A)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-A	15W Max.	5V⎓3A
				Two-port charging Type-(C1+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-A	15W Max.	5V⎓3A
PANA032A-2C1A-65W	Duplex total 15A Max.	USB Type-(2C+A)	Max 65W	Single-port charging	Type-C1	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-C2	65W Max.	5V/9V/12V/15V⎓3A,20V⎓3.25A
					Type-A	30W Max.	5V/9V⎓3A,12V⎓2.5A,20V⎓1.5A
				Two-port charging Type-(C1+C2)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-C2	20W Max.	5V⎓3A,9V⎓2.2A,12V⎓1.67A
				Two-port charging Type-(C1+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-A	18W Max.	
				Two-port charging	Type-(C2+A)	15W Max.	5V⎓3A (shared)
				Three-port charging Type-(C1+C2+A)	Type-C1	45W Max.	5V/9V/12V/15V⎓3A,20V⎓2.25A
					Type-(C2+A)	15W Max.	5V⎓3A (shared)

Charging protocols:
C1/C2: PD3.0/PPS/QC3.0/QC2.0/QC4+/FCP SCP AFC/Apple2.4/BC1.2/PE+
A: QC3.0/QC2.0/FCP SCP AFC/Apple2.4/BC1.2/PE+
C2(Two-port charging): PD3.0/QC3.0/QC2.0/FCP SCP AFC/Apple2.4/BC1.2/PE+