



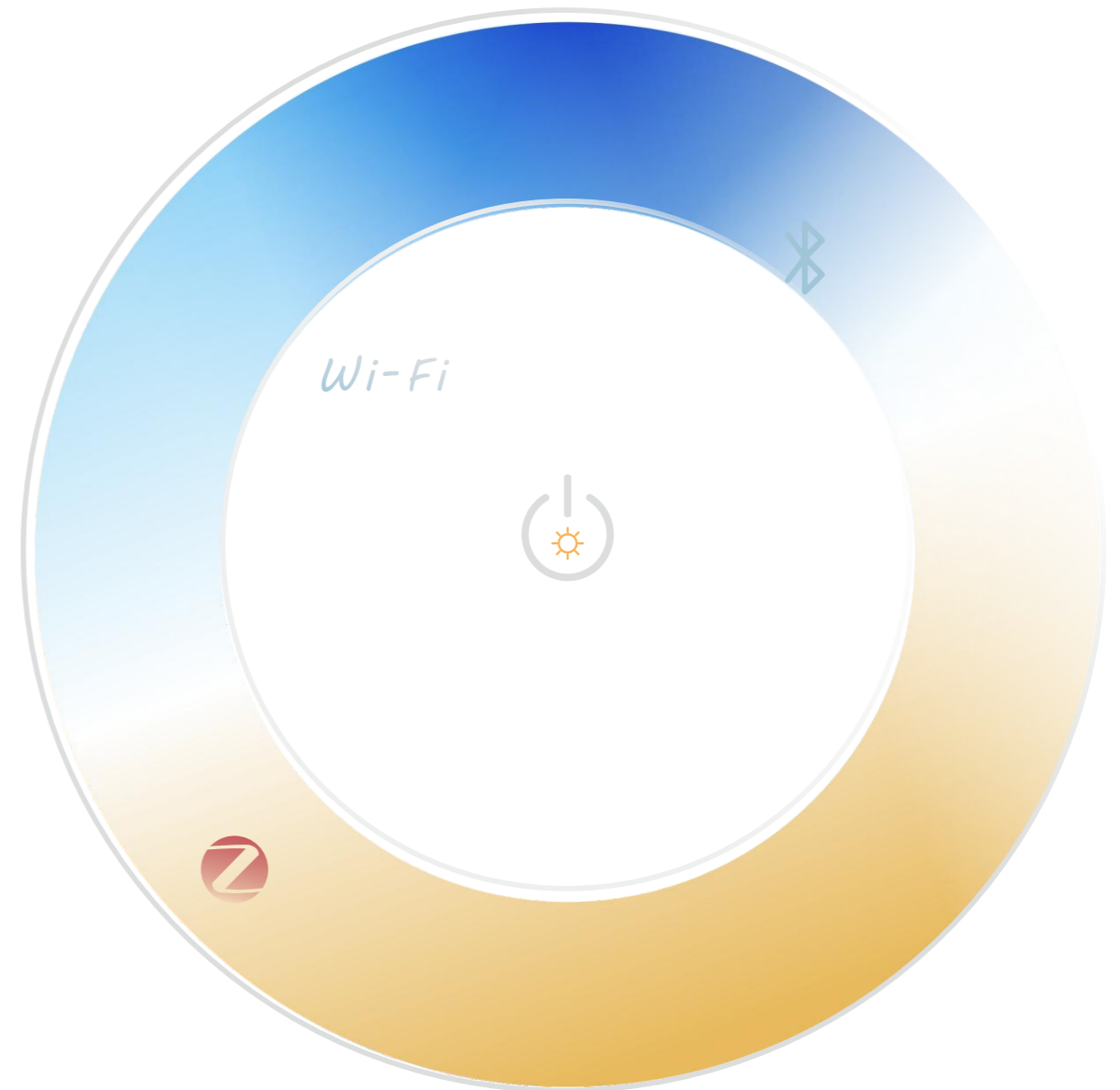
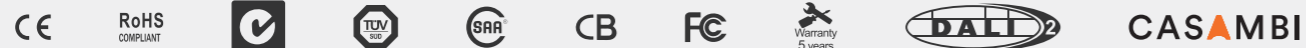
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LIGHTING CONTROL SYSTEM

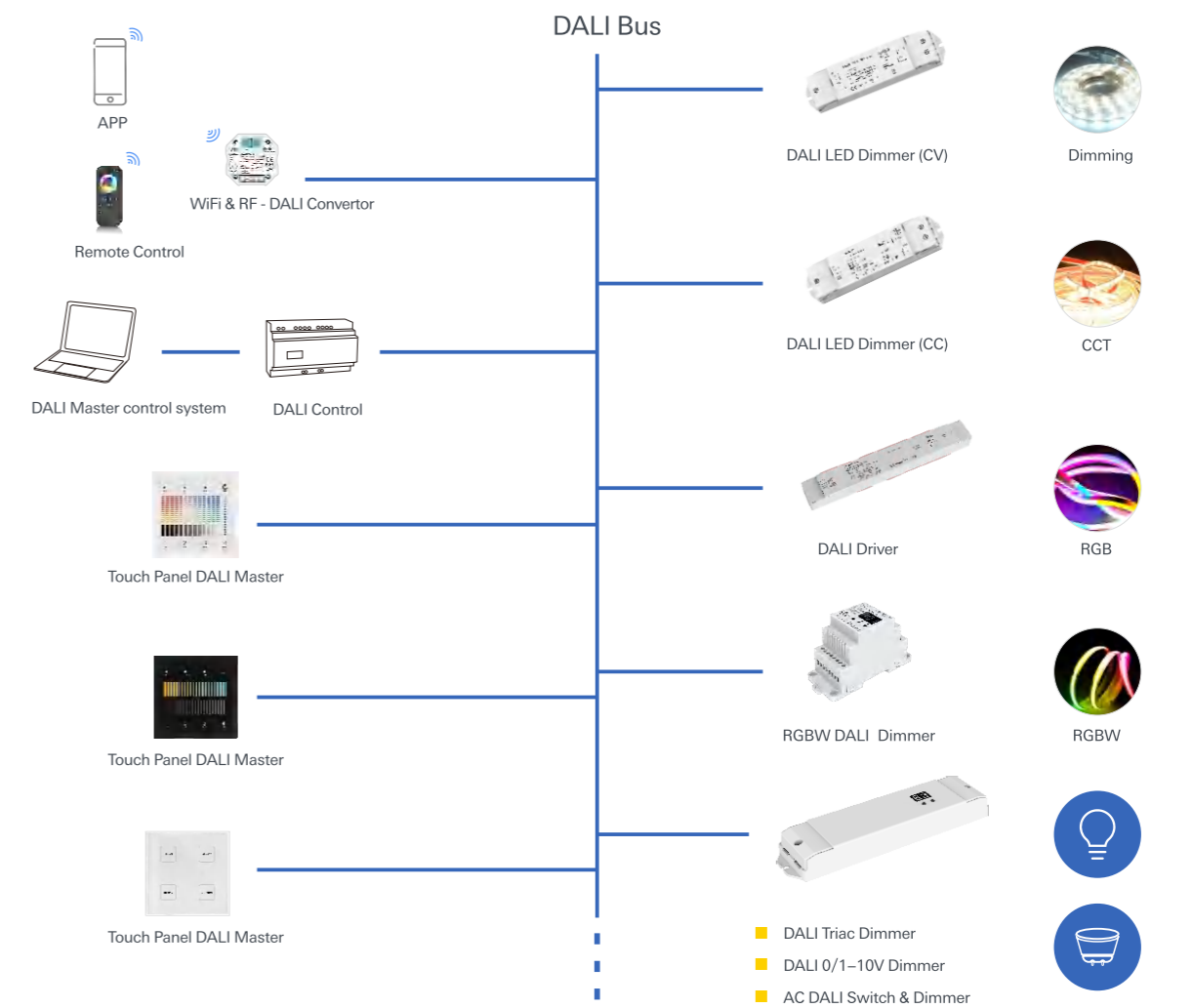
DALI Series

DALI LED Dimmer Series



SKYDANCE DALI 1/4-channel PWM constant voltage dimmer is compatible with DALI standard protocol IEC 62386-102, IEC 62386-207, DC12/24V constant voltage power supply, 1/4 DALI address, 1/4 PWM constant voltage output, DALI address is automatically assigned by DALI master control, or set by digital tube button.

DALI protocol (Digital Addressable Lighting Interface) is an international standard lighting control communication protocol, with overall dimming, group dimming, addressing dimming, and multiple scenarios mode settings ect powerful dimming functions, can monitor and control each device through two-way data exchange. SKYDANCE DALI dimming series products comply with the IEC62386 standard, and can be connected with any device conforming to the DALI protocol on the same bus control, with strong compatibility. Including DALI master, DALI dimmer, DALI switch, DALI triac dimmer, DALI 0/1-10V dimmer, RF & Wi-Fi & Zigbee DALI converter, DALI bus and DALI driver etc..



► DALI Bus Power Supply & Repeater

- Standard DALI protocol bus power supply, Maximum output current of 250mA to power the entire DALI line
- Work as DALI Signal Repeater, Up to 3 repeaters can be connected, DALI bus extension up to 1200 meters
- Multiple DA-PS-L in parallel to increase load on the DALI line
- Dual indicator design, bus status feedback to indicator light

131 X 37 X 20.5MM

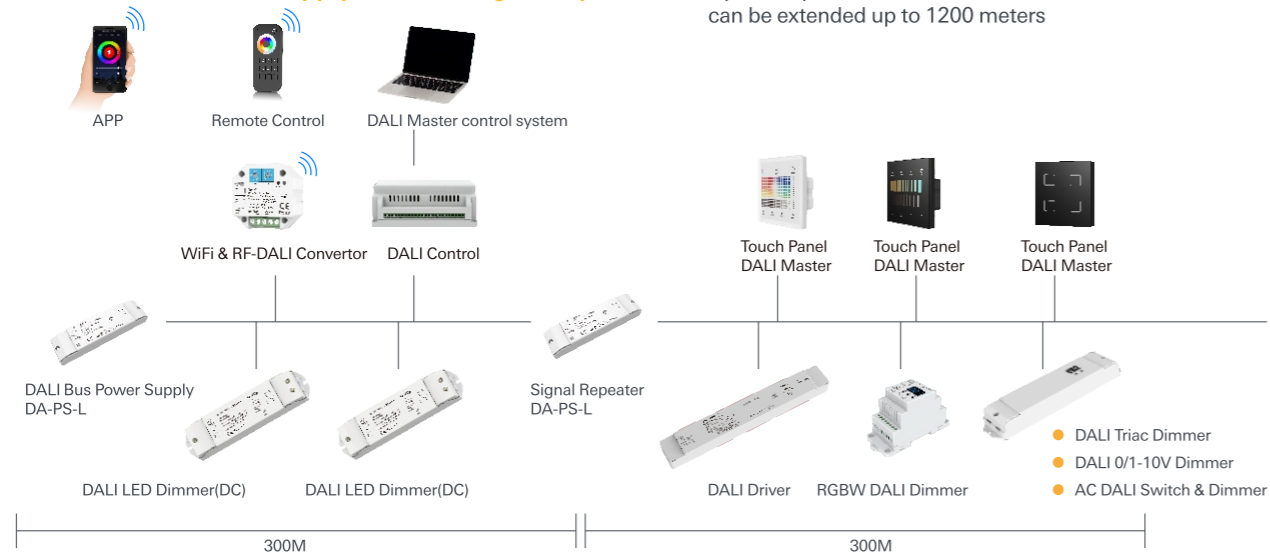
Model No.	DA-PS-L
Input Voltage	100-240VAC
Input supply frequency	50/60Hz
Input current	0.1A
Output current	Max. 250mA
Input/Output signal	DALI



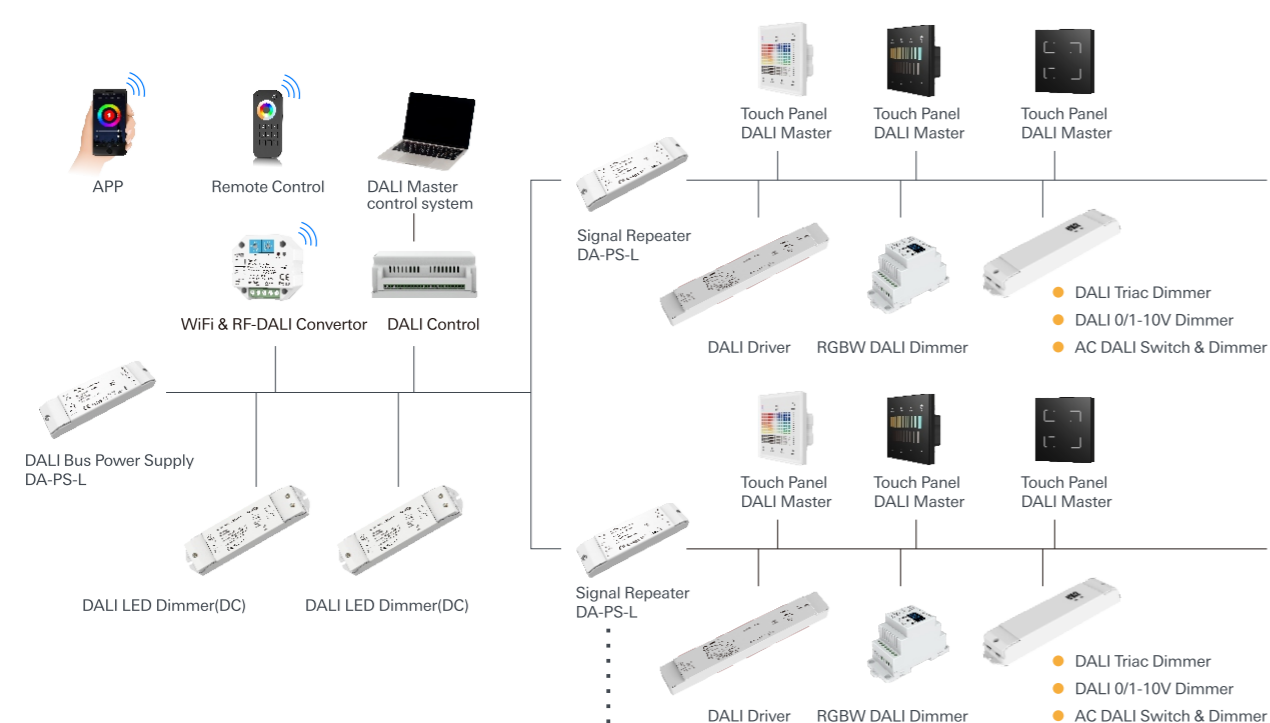
Dual indicator design

Work as DALI Bus Power Supply and DALI Signal Repeater

Up to 3 repeaters can be connected and the DALI bus can be extended up to 1200 meters



Connect multiple DA-PS-L in parallel to increase load on the DALI line



► Touch Panel Master

- 1 DALI address, 5 in 1 function(DIM, CCT, RGB, RGBW, RGB+CCT), 9 touch buttons
- In accordance with DALI standard protocol IEC 62386-101,102, 207, 208, 209
- Adopts TFT 1.54-inch LCD color screen display, easy and intuitive setup and operation
- Enable to select DALI address, support unicast, group and broadcast mode
- Support on/off, color temperature and brightness adjustment, delay on/off light, scene function and dynamic mode

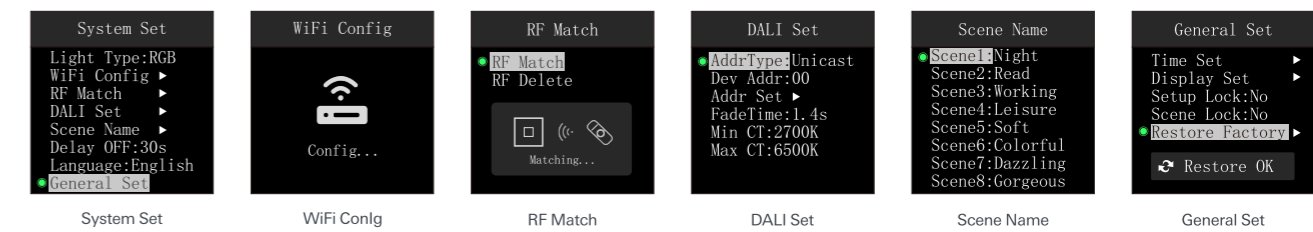


TPS-D-WT



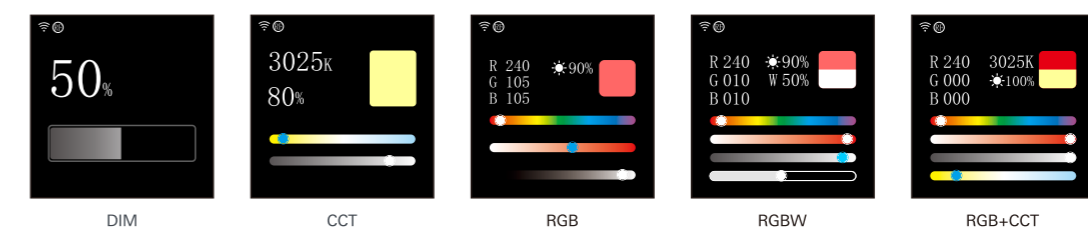
System Set

You can set light type, WiFi config, RF match, DALI set, scene set, delay OFF, language and general set in this interface



Dimming Interface

Precise adjustment of color, color temperature and brightness via the display, and the left and right buttons



Model No.	TPS-D-WT
Input Voltage	100-240VAC
Static current	10mA
Input signal	Touch key + RF 2.4GHz
Output signal	DALI
Size (mm)	86 X 86 X 33

► Touch Panel Master

- Adopt DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209
- Support DT6 dimming, DT8-TC color temperature, DT8-RGB or DT8-RGBW
- Powered by DALI bus or 24VDC
- Enable to select DALI address by encoding switch, support unicast, group and broadcast mode
- Match with RF 2.4G four zone remote control optional
- Ultra sensitive high strength glass touch panel
- White & Black glass panel available



- TD1-4S(Dimming)**
4 Zone
3 Scenes
- TD2-4S(CCT)**
4 Zone
3 Scenes
- TD3-4S(RGB)**
4 Zone
3 Scenes
- TD4-4S(RGBW)**
4 Zone
3 Scenes
- TD5-4S(RGB+CCT)**
4 Zone
3 Scenes
- TD1-S(Dimming)**
1 Zone
4 Scenes



- TD2-S(CCT)**
1 Zone
4 Scenes
- TD3-S(RGB)**
1 Zone
4 Scenes
- TD4-S(RGBW)**
1 Zone
4 Scenes
- TD5-S(RGB+CCT)**
1 Zone
4 Scenes
- TD-K(Dimming,CCT,RGB, RGBW,RGB+CCT)**
Rotary knob

- also support slave DALI address assignment



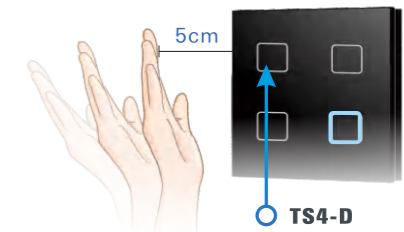
- TL4-1D(Dimming)**
1/4 Zone
- TL4-2D(CCT)**
1/4 Zone

86×86×33MM



► Touch Panel Master

- Comply to latest DALI standard protocol IEC62386
- 4-button glass touch panel to control 4 DALI Addresses
- Powered by DALI bus or 24VDC
- Enable to select 4 different addresses for controlling by encoding switch
- Support scene, group, unicast and broadcast modes
- Each button with blue LED indicator
- Automatic blue backlight with proximity sensing to human fingers/palms.
- White & Black glass panel available



* With blue LED indicator, the panel backlight will be turned on when human fingers or palms close to the panel at < 5 cm, and the light will be brighter when buttons are being pressed.

Model No.	Input Voltage	Zone	Size (mm)
TS4-D (White/Black)	AC100-240V	1 Zone	52 X 52 X 34.5

► CV Dimmer



- DA1** (DALI 2)
2KHz
- DA1-S**
2KHz/8KHz/16KHz
- DA4** (DALI 2)
2KHz

- DT6
- 1 channel constant voltage output, 1 DALI address
- PWM digital dimming, standard DALI logarithmic dimming curve
- DALI master control or connect with push switch for dimming, turning on/off
- DT6
- 4 channels constant voltage output, 4 DALI address
- PWM digital dimming, standard DALI logarithmic dimming curve

<p>DA4-L</p>	<ul style="list-style-type: none"> • DT6/DT8 • 4 channels constant voltage output, 1-4 Dali address selectable • With digital display, can manually set Dali address • PWM digital dimming, standard DALI logarithmic dimming curve • PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ 	
<p>DA4-D (White/Black)</p>	<ul style="list-style-type: none"> • DT6/DT8 • 4 channels constant voltage output, 1-4 Dali address selectable • With digital display, can manually set Dali address • PWM digital dimming, standard DALI logarithmic dimming curve • PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ • DALI address can be set shown in digital display by buttons or by DALI master 	



DA4-M

- DT6 / DT8
- 1 DALI address, DT6 dimming or DT8-TC color temperature or DT8-RGB or DT8-RGBW selectable
- In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209
- 4 channels constant voltage output
- PWM digital dimming, standard DALI logarithmic dimming curve
- PWM : 2KHz



DA5-L

- DT6 / DT8
- 5 channel constant voltage output, 1/5 DALI address
- DT6 dimming/DT8-TC color temperature/DT8-RGB/DT8-RGBW/DT8-RGB+CCT light type selectable
- PWM digital dimming, standard DALI logarithmic dimming curve
- PWM: 1KHZ/2KHZ/4KHZ/8KHZ
- DALI address can be set shown in digital display by buttons or by DALI master

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Size (mm)
DA1	12-48VDC	12-48VDC	12-24V:1CH*15A 36-48V:1CH*10A	12V<180W, 24V<360W 36V<360W, 48V<480W	175 X 45 X 27
DA1-S	12-48VDC	12-48VDC	1CH*8A	12V<96W, 24V<192W 36V<288W, 48V<384W	97 X 33 X 18
DA4	12-48VDC	12-48VDC	12-24V:4CH*5A 36-48V:4CH*3A	12V<240W, 24V<480W 36V<432W, 48V<576W	175 X 45 X 27
DA4-L	12-48VDC	12-48VDC	12-24V:4CH*5A 36-48V:4CH*3A	12V<240W, 24V<480W 36V<432W, 48V<576W	170 X 50 X 23
DA4-D	12-48VDC	12-48VDC	12-24V:4CH*5A 36-48V:4CH*3A	12V<240W, 24V<480W 36V<432W, 48V<576W	115 X 48 X 67
DA4-M	12-48VDC	12-48VDC	12-24V:4CH*5A 36-48V:4CH*3A	12V<240W, 24V<480W 36V<432W, 48V<576W	175 X 45 X 27
DA5-L	12-48VDC	5x(12-48)VDC	12-24V:5CH*4A 36-48V:5CH*3A	12V<240W,24V<480W 36V<540W,48V<720W	187 X 46 X 22

DALI Triac Dimmer

- > 1 channel AC output, 1 DALI address, AC phase-cut mosfet DALI dimmer
- > Reverse-phase dimming or forward-phase dimming selectable

- > To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
- > Connect with push switch for dimming, turning on/off



DT

- DT4
- DAL1-2 certified, in accordance with DALI standard protocol, IEC 62386-102, IEC 62386-207
- DALI address can be set shown in digital display by buttons or by DALI master



DT-B

- DT4
- DAL1-2 certified, in accordance with DALI standard protocol, IEC 62386
- DALI address can be automatically assigned by DALI master
- The minimum brightness is adjustable



DT-C

- DT4
- DAL1-2 certified, in accordance with DALI standard protocol, IEC 62386
- DALI address can be automatically assigned by DALI master
- The minimum brightness is adjustable



DT-D

- DT4
- DAL1-2 certified, in accordance with DALI standard protocol, IEC 62386
- DALI address can be set shown in digital display by buttons or by DALI master
- The minimum brightness is adjustable

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Size (mm)
DT	100-240VAC	100-240VAC	Max 1.5A	150-360W	187 X 46 X 22
DT-B	100-240VAC	100-240VAC	Max 1.5A	150-360W	165 X 52 X 26
DT-C	100-240VAC	100-240VAC	Max 1.5A	150-360W	56 X 49.5 X 28
DT-D	100-240VAC	100-240VAC	Max 1.5A	150-360W	110x67x48

DALI 0/1-10V Dimmer

- DT5
- In accordance with DALI standard protocol IEC 62386-101, IEC 62386-102, IEC 62386-206
- 2 channels 0/1-10V output, 2 DALI address
- High voltage AC input, one high voltage AC relay output
- 0-10V or 1-10V output selectable
- 0-100% linear dimming
- DALI address can be set shown in digital display by buttons or by DALI master



187 X 46 X 22MM

Model No.	DV
Input Voltage	AC100-240V
Output Current	2CH*20mA
Output Signal	0/1-10V

- DT5
- In accordance with DALI standard protocol IEC 62386-101, IEC 62386-102, IEC 62386-206
- 1 channel 0/1-10V output, 1 DALI address
- AC100-240V input, 10 A dry contact mains rated relay output



131 X 37 X 20.5MM

Model No.	DV1
Input Voltage	AC100-240V
Output Current	1CH*20mA
Output Signal	0/1-10V

- DT5
- In accordance with DALI standard protocol IEC 62386-101, IEC 62386-102, IEC 62386-206
- 1 DALI address, 1 channel 0/1-10V output
- Powered by DALI bus
- 10A dry contact relay output
- 0-10V or 1-10V output selectable



56 X 49.5 X 28MM

Model No.	DV-B
Power input	DALI bus
Max relay load current	10A resistive load; 8A incandescent; 5A inductive load
Output Signal	0/1-10V

DALI AC Switch

- DT4
- Small DALI dimmer for DALI drivers or ballasts
- Unidirectional and broadcasting communication
- Dimming speed adjustable by rotary knob
- Can be used as a DALI bus power supply to provide power
- Control by conventional push-button, with or without memory
- Easy to be placed in standard wall junction box behind a push switch



52 X 52 X 27MM

Model No.	DA-P
Input Voltage	100-240VAC
Output Current	Max 0.05A
Input Signal	Push switch


- Standard Dali master, 1-4 push button control
- In accordance with DALI standard protocol IEC62386
- 4 addresses settable for controlling by encoding switch
- Power is provided by DALI bus
- Support scene, group, unicast and broadcast mode
- Easy to be placed in standard wall junction box behind a push switch



52 X 52 X 27MM

Model No.	DA-4S
Input Voltage	DALI bus
Output Current	4mA@16V
Input Signal	4*push switch

- DT7
- DALI-2 certified, in accordance with DALI standard protocol IEC 62386-102, IEC 62386-208
- 2 channels AC output, 2 DALI address
- The switching thresholds of the relay can be set on the DALI bus
- Zero cross switching function, 2 independently output channels AC switch
- DALI address can be set by button with digital display or by DALI master
- To switch two LED lamps, traditional incandescent and halogen lights




DALI 2

187 X 46 X 22MM

Model No.	DH
Input Voltage	100-240VAC
Output Current	2CH*5A
Output Power	1000-2400W

- DT7
- DALI-2 certified, In accordance with DALI standard protocol IEC 62386-101, 102, 208
- 1 channel 10 A dry contact mains rated relay output, 1 DALI address
- Powered by AC100-240V
- High-inrush specification relays (single pole, normally open)
- Zero cross switching function



DALI 2

131 X 37 X 20.5MM

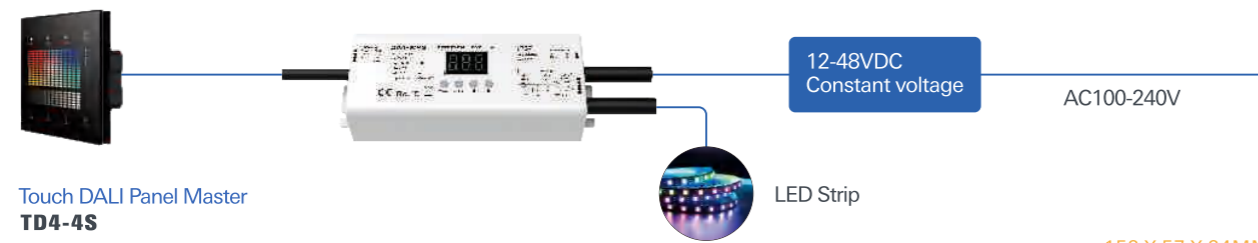
Model No.	DH1
Input Voltage	100-240VAC
Output Current	0.02A
Max relay load current	5A inductive load 8A incandescent 5A inductive load

► DALI CV Dimmer

- > Comply with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209
- > Support DT6 dimming, DT8-TC color temperature, DT8-RGB or DT8-RGBW
- > Digital numeric display, set DALI Address via buttons
- > PWM frequency 1KHz/2KHz/4KHz/8KHz/ 16KHz selectable
- > 1-4 DALI address, 4 channel work separately
- > Standard DALI logarithmic dimming curve



IP67
Double waterproof:
glue-filled waterproofing + structural waterproofing



Model No.	Input Voltage	Input current	Output voltage	Output current	Output power
DA4-WPS	12-48VDC	20.5A	4x(12-48)VDC	4x5A@ 12/24V 4x3A@ 36/48V	4x60W@12V 4x120W@24V 4x108W@36V 4x144W@48V

► DALI CC Dimmer

- > In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207
- > DALI address can be set shown in digital display by buttons or by DALI master
- > PWM digital dimming, standard DALI logarithmic dimming curve
- > PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ



- DT6/DT8
- 12-48VDC 4 channels constant current output
- 1-4 DALI address quantity is selectable
- DT6/DT8
- 12-48VDC 4 channels constant current output
- 1 DALI address, DT6 dimming or DT8-TC color temperature or DT8-RGB or DT8-RGBW selectable

DA4-C (150-500mA)	Output Current	150mA	200mA	250mA	300mA	350mA	400mA	450mA	500mA
	Output Voltage	3-45V	3-45V	3-45V	3-45V	3-45V	3-45V	3-45V	3-45V
	Output Power/CH	0.45-6.75W	0.6-9W	0.75-11.25W	0.9-13.5W	1.05-15.75W	1.2-18W	1.35-20.25W	1.5-22.5W

DA4-CM (350-1200mA)	Output Current	350mA	500mA	600mA	700mA	800mA	900mA	1050mA	1200mA
	Output Voltage	3-45V	3-45V	3-45V	3-45V	3-45V	3-45V	3-45V	3-45V
	Output Power/CH	1.05-15.75W	1.5-22.5W	1.8-27W	2.1-31.5W	2.4-36W	2.7-40.5W	3.15-47.25W	3.6-54W

► DALI Converter

- > In accordance with DALI standard protocol IEC 62386-101,102, 207, 208, 209
- > 1 DALI address, 6 in 1 function, support DT6 dimming, DT8-TC color temperature, DT8-RGB, DT8-RGBW or DT7 switch
- > Match with RF 2.4G single zone or multiple zone remote control
- > DALI bus or 24VDC power supply
- > Enable to select DALI address by encoding switch, support unicast, group and broadcast mode

RF to DALI Converter Wi-Fi & RF to DALI Converter Zigbee & RF to DALI Converter



- built-in 10 dynamic modes, including jump or gradient
- Tuya APP control
- With delay turn on/off light, timer run, scene edit and music play ect. function
- Tuya APP control, Philips HUE APP control
- With delay turn on/off light, timer run, scene edit and music play ect. function

Model No.	DA-M	DA-M(WT)	DA-M(WZ)
Power input	DALI bus/24VDC	DALI bus/24VDC	DALI bus/24VDC
Static current	15mA@16VDC, 2mA@24VDC	27mA@16VDC, 2mA@24VDC	15mA@16VDC, 2mA@24VDC
Input signal	RF 2.4GHz	Tuya Wi-Fi + RF 2.4GHz	Tuya Zigbee + RF 2.4GHz
Output signal	DALI	DALI	DALI

DALI Series

DALI to DMX512 / DMX512 to DALI Converter

- DALI/DMX512 signal converter
- In accordance with DALI standard protocol IEC62386
- Comply with the DMX512 standard protocol
- 3-button operation with digital display
- Set the work mode, channel number, DALI first address, and DMX512 first address by buttons



Model No.	Input voltage	Input current	Input signal	Output signal	Size (mm)
DMC	12-48VDC	<40mA	DALI or DMX512	DMX512 or DALI	110×48×67

DALI Relay Switch

- > DT7
- > Zero cross switching function
- > 120A High-inrush specification relays (single pole, normally open)
- > Comply with the DMX512 standard protocols, support RDM function
- > 4/2/1(8/4/2) DALI address selectable
- > DIN rail mounting



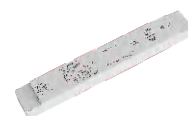
- 4 DALI address, 4 channel 16A dry contact mains rated relay output
- In accordance with DALI standard protocol IEC 62386-101,102, 208
- Two operating modes(DALI mode and DMX mode)
- DALI-2 certified, in accordance with DALI standard protocol IEC 62386-101,102, 208
- Three Operating Modes(DALI mode, Manual mode, DMX mode)

Model No.	DH4	DH8
Input Voltage	100-240VAC	100-240VAC
Output Current	0.1A	0.1A
Max relay load current	16A resistive load (incandescent lamp) 8A Capacitive load (LED dimming driver) 8A inductive load (Guorescent lamp)	16A resistive load, 8A Capacitive load, 8A inductive load
Size (mm)	115×88×65	160×88×60

DALI Constant Voltage LED Driver



- 1 channel constant voltage output, Max. 150W output power
- Dimming interface: DALI-2, AC Push-Dim
- 110-277VAC universal AC input
- Over-heat /Over-load / Short circuit protection
- Built-in active PFC function: 0.95 Typ
- THD<10%
- No load/Standby power<0.5W



LPV-150DA-12

LPV-150DA-24

310 X 45 X 30MM

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency(TYP)	Power Factor
LPV-150DA-12	110-277VAC	12VDC	Max. 12.5A	Max.150W	92%/230VAC	>0.95
LPV-150DA-24	110-277VAC	24VDC	Max. 6.25A	Max.150W	92%/230VAC	>0.95

DALI Constant Current LED Driver



- Universal AC input / Full range, High PF, High efficiency, No flicker
- Class II design, SELV safety ultra-low
- Over-heat / Over-load / Short circuit protection, recover automatically
- 1 DALI address, DALI address will be automatically assigned by DALI master
- DIP Switch for current selection



DA-12A Dimming With Push function

In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207



DA-12A-2 CCT

In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207



DA-20A-2 CCT

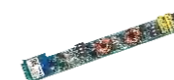
In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209

131 X 37 X 20.5MM

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency(TYP)	Power Factor
DA-12A	100-240VAC	10-42VDC	100-700mA	Max.12W	>80%	>0.95
DA-12A-2	100-240VAC	10-42VDC	100-450mA	Max.12W	>83%	>0.95
DA-20A-2	100-240VAC	10-42VDC	100-800mA	Max.20W	>83%	>0.95

DALI Constant Current LED Driver

- > 1 DALI address, DALI address will be automatically assigned by DALI master
- > No input polarity
- > Short circuit, overload, no-load and anti-reverse protection
- > DC to DC constant current output, multiple output current settings
- > 0-100% smooth dimming without any flash
- > Suitable for STUCCHI standard housings, magnetic installation



Dimming



CCT

- In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207

- In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209

92 X 13.5 X 12.2MM

Model NO.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency (TYP)
CXD-21A	48VDC±1% (No polarity)	10-40VDC	150-500mA	1.5W-20W	93%
CXD-28A	48Vdc±1% (No polarity)	10-40VDC	350-700mA	3.5W- 28W	95%
CXD-21A-2	48Vdc±1% (No polarity)	10-40VDC	150-500mA	1.5W- 20W	93%
CXD-28A-2	48Vdc±1% (No polarity)	10-40VDC	350-700mA	3.5W- 28W	95%