



SKYDANCE

Lighting controls / LED dimmer / Intelligent driver

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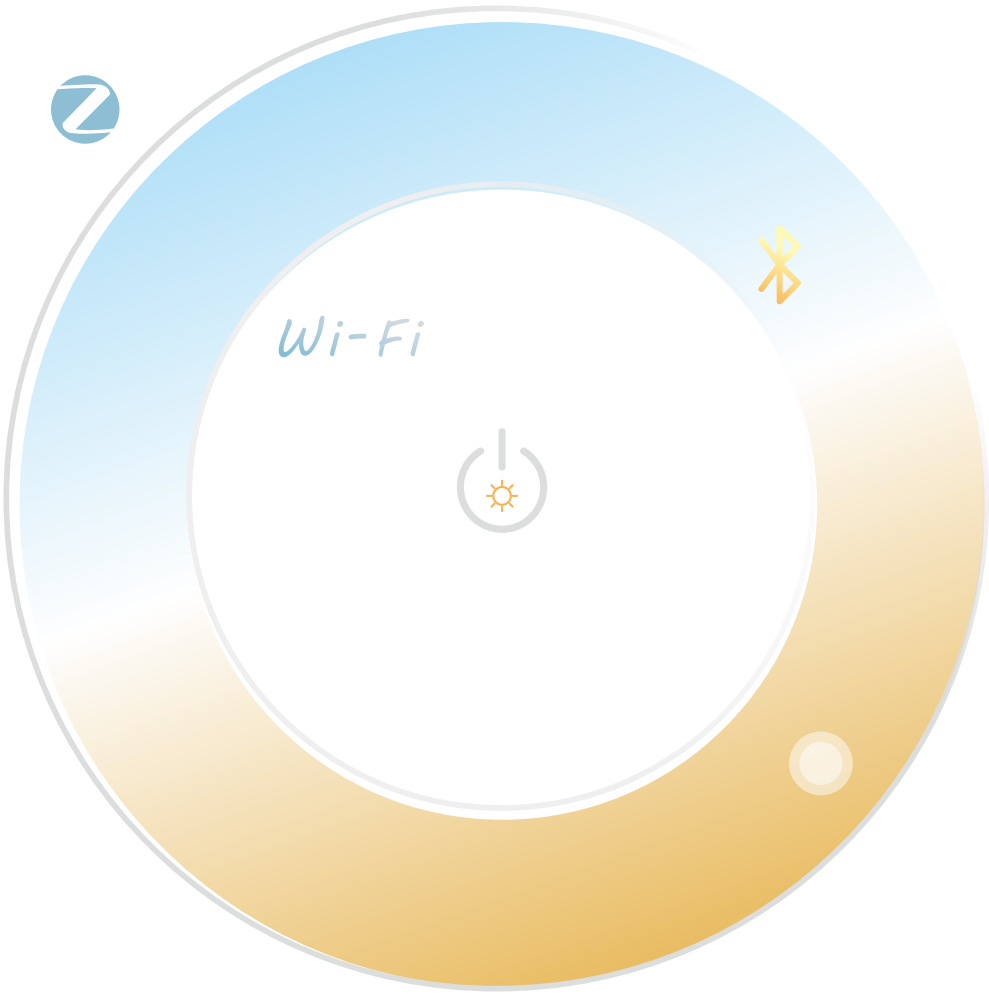


GUANGZHOU SKYDANCE CO.,LTD.



LIGHTING CONTROL SYSTEM^{Wi-Fi}

2023 PRODUCT CATALOG



- Wireless
- DMX512
- Triac
- DALI
- 0/1-10V
- Sensor

WWW.ISKYDANCE.COM



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.

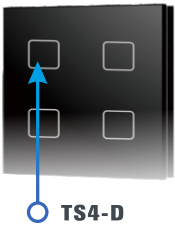
DALI protocol (Digital Addressable Lighting Interface) is an international standard lighting control communication protocol, with overall dimming, group dimming, addressing dimming, and multiple scenarios mode settings ect powerful dimming functions, can monitor and control each device through two-way 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..



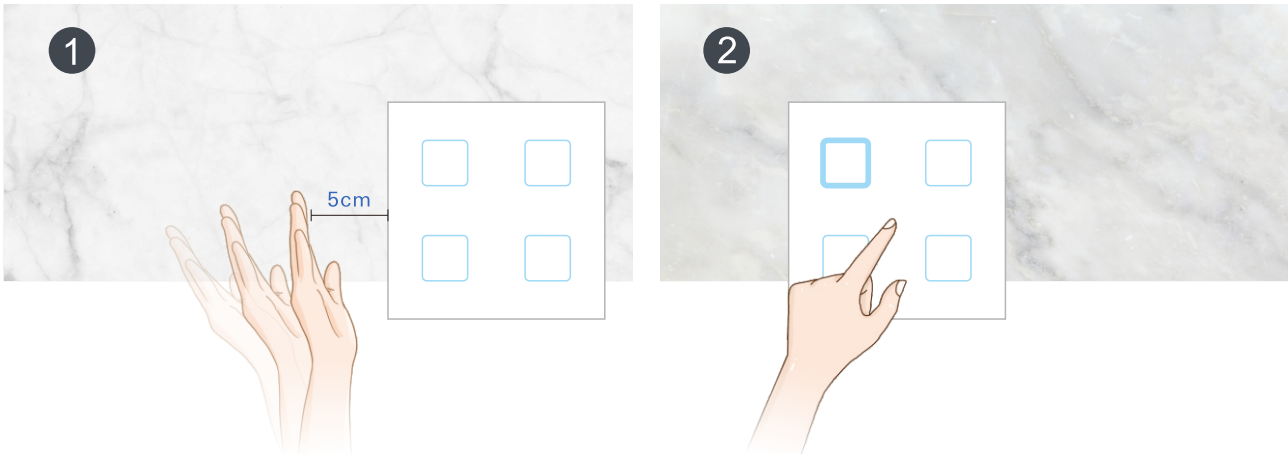
DALI Series

► 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.	TS4-D (White/Black)
Input Voltage	AC100-240V
Zone	1 Zone
Size (mm)	52 X 52 X 34.5

► CV Dimmer



DA1 DALI

175×45×27MM

- DT6
- 1 channel constant voltage output, 1 DALI address
- PWM digital dimming, standard DALI logarithmic dimming curve
- PWM : 2KHZ
- DALI master control or connect with push switch for dimming, turning on/off



DA4 DALI

175×45×27MM

- DT6
- 4 channels constant voltage output, 4 DALI address
- PWM digital dimming, standard DALI logarithmic dimming curve
- PWM : 2KHZ



DA4-L

- DT6
- 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



DA4-D (White/Black)

- DT6
- 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

- 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



DALI-2
certified



DALI Standard
IEC62386



DT8 Standard



Brightness
Adjustable



PWM Dimming



Free Flicker



Quality Assurance



DA4-M

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
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	12-24VDC	12-24VDC	4 channels, 5A/CH	12V<240W, 24V<480W	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

DALI Series

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
- > PMW frequency 1000/2000/4000/8000Hz selectable
- > 1-4 DALI address, 4 channel work separately
- > Standard DALI logarithmic dimming curve



IP67
Double waterproof:
glue-filled waterproofing + structural waterproofing

Over-heat protection

Short circuit protection

Recover automatically

DALI Standard IEC62386

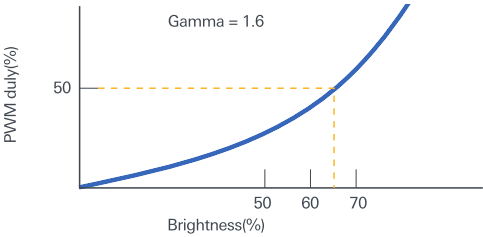
DT6 Dimming

DT8 CCT

DT8 RGB/RGBW

PWM digital dimming

Standard DALI logarithmic dimming curve



Light type setting

DT6, 1CH

DT6, 2CH

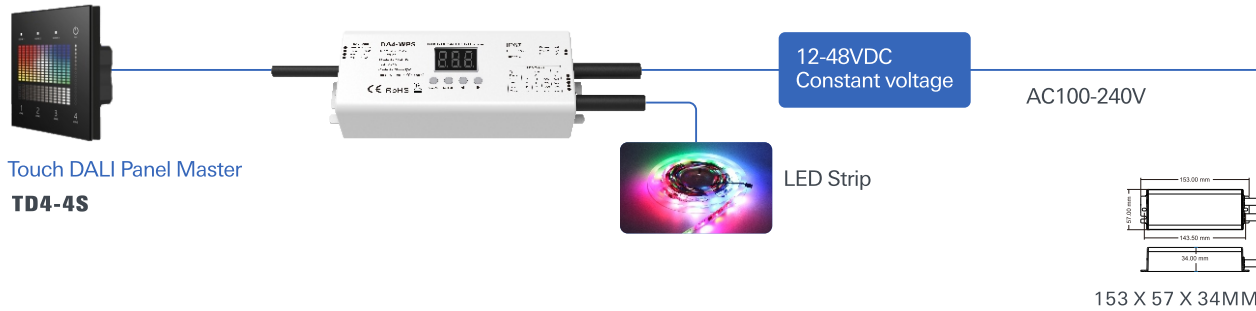
DT6, 3CH

DT6, 4CH

DT8-TC

DT8-RGB

DT8-RGBW



Model No.	Input Voltage	Input current	Output voltage	Output current	Output power
DA4-WPS	12-48VDC	20.5A	4×(12-48)VDC	4×5A@ 12/24V 4×3A@ 36/48V	4×60W@12V 4×120W@24V 4×108W@36V 4×144W@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
 - 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
- 170 X 50 X 23MM

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-C (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

DA4-CM (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

52 X 52 X 27MM

RF to DALI Converter



- built-in 10 dynamic modes, including jump or gradient

WiFi & RF to DALI Converter



- Tuya APP control
- With delay turn on/off light, timer run, scene edit and music play ect. function

Zigbee & RF to DALI Converter



- 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 Triac Dimmer

> 1 channel AC output, 1 DALI address, AC phase-cut mosfet DALI dimmer
> To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights



- DT4
- DALI-2 certified, in accordance with DALI standard protocol IEC 62386-102, IEC 62386-207
- Reverse-phase dimming or forward-phase dimming selectable
- DALI address can be set shown in digital display by buttons or by DALI master
- Connect with push switch for dimming, turning on/off



187 X 46 X 22MM

Model No.	DT
Input Voltage	AC100-240V
Output Current	Max 1.5A
Output Power	150-360W



- DT4
- In accordance with DALI standard protocol 101,102,205(IEC 62386)
- Trailing edge dimming, the minimum brightness is adjustable



165 X 52 X 26MM

Model No.	DT-B
Input Voltage	AC100-240V
Output Current	Max 1.5A
Output Power	150-360W

- DT4
- In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207
- Reverse-phase dimming or forward-phase dimming selectable
- DALI address can be manually assigned and shown in digital display or automatically assigned by DALI master
- Connect with push switch for dimming or turning on/off
- Over-heat protection, recover automatically





110X67X48MM

Model No.	DT-D
Input Voltage	100-240VAC
Output Voltage	100-240VAC
Output Current	1CH*1.5A
Output Power	150-360W

► 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

► 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



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





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 Series

- DT7
- DALI-2 certified, in accordance with DALI standard protocol IEC 62386-101,102, 208
- Comply with the DMX512 standard protocols, support RDM function
- 120A High-inrush specification relays (single pole, normally open)
- Three Operating Modes(DALI mode, Manual mode, DMX mode)
- Zero Cross Switching Function
- 8 / 4 / 2 DALI Address Selectable
- DIN Rail Mounting

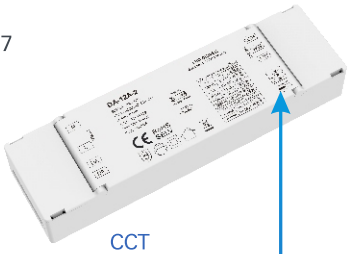


160 X 88 X 60MM

Model No.	DH8
Input Voltage	100-240VAC
Output Current	0.1A
Max relay load current	16A resistive load, 8A Capacitive load, 8A inductive load

DALI Constant Current LED Driver

- In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207
- 1 DALI address, DALI address will be automatically assigned by DALI master
- Universal AC input / Full range, High PF, High efficiency, No flicker
- DIP Switch for current selection
- Class II design, SELV safety ultra-low
- Over-heat / Over-load / Short circuit protection, recover automatically



* LED current selection

LED current selection:



Output Voltage	10-42V	10-42V	10-42V	10-42V	10-40V	10-34V	10-30V	10-26V
Output Current	100mA	150mA	200mA	250mA	300mA	350mA	400mA	450mA
Output Power	1-4.2W	1.5-6.3W	2-8.4W	2.5-10.5W	3-12W	3.5-11.9W	4-12W	4.5-11.7W

Model No.	DA-12A-2
Input Voltage	100-240VAC
Output Voltage	10-42VDC
Output Current	100-450mA
Output Power	Max. 12W
Efficiency(TYP)	>83%
Power Factor	>0.95
Size (mm)	131 X 37 X 20.5

