



Lighting controls / LED dimmer / Intelligent driver

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GUANGZHOU SKYDANCE CO.,LTD.



# LIGHTING CONTROL SYSTEM<sup>Wi-Fi</sup>

2023 PRODUCT CATALOG



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

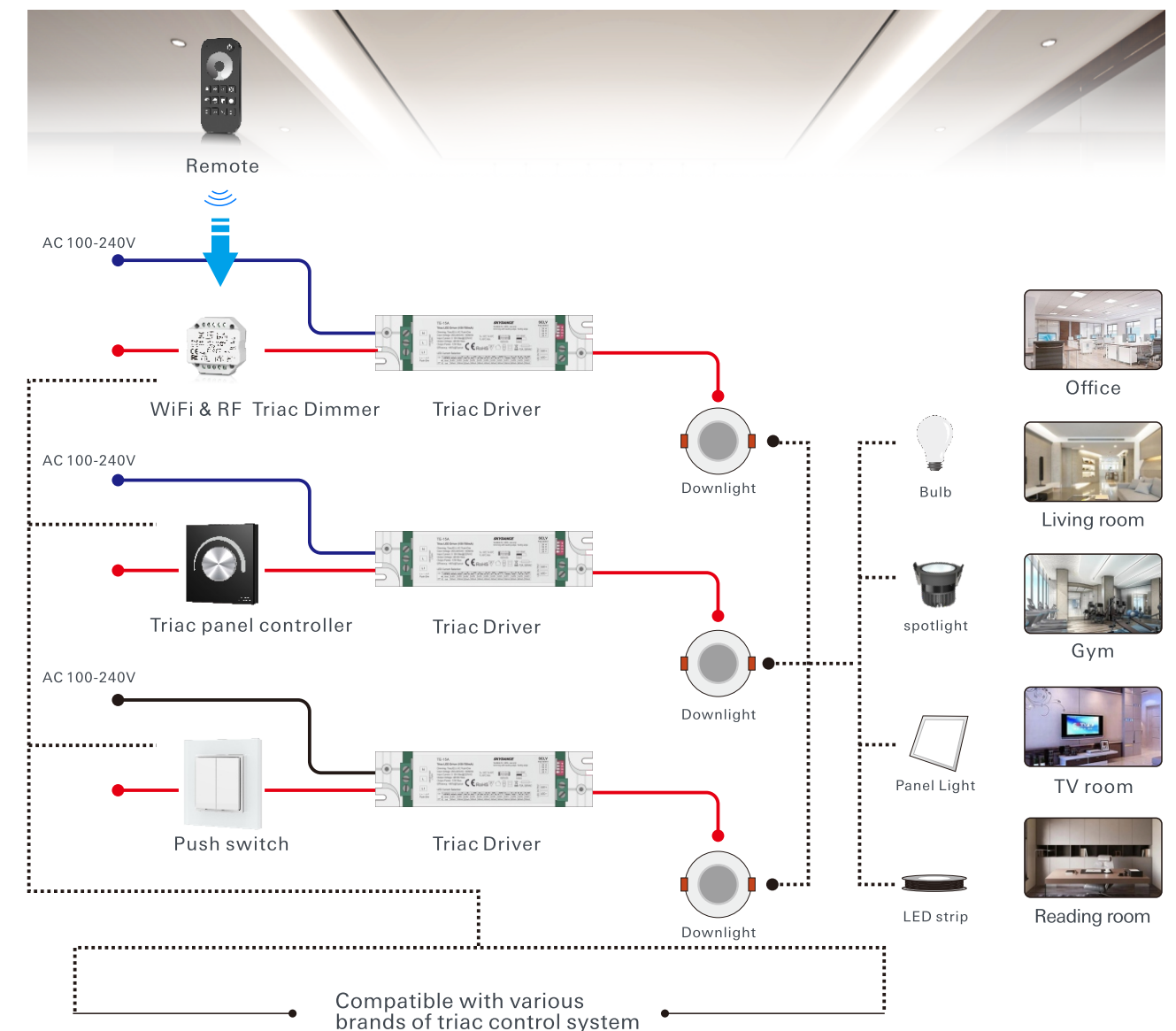
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# AC Triac Series

## AC Triac Dimming Series

Skydance offers a complete AC Triac control system that contains Triac dimmer/ switch, Triac dimmable LED driver, and DMX512 Triac Converter. The Triac dimmer with AC input and AC output to dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights. It is also compatible with a variety of single color RF remotes. The Triac dimmable LED driver is controlled by AC Triac dimmer. Triac dimmable LED driver supports to dim the LEDs' brightness from 0 to 100% without any flicker. They are all compatible with major control systems of Lutron, Dynalite, Clipsal, Osram, Philips, ABB, Schneider, Siemens, Berker, legrand etc.



SIEMENS ABB OSRAM simon legrand VIMAR LUTRON  
CLIPSAL dynalite Schneider Electric Helvar PHILIPS DELIXI



Triac Series

AC Panel dimmer

- > 1 channel 100-240AC output phase-cut dimmer
- > Min brightness can be set by key
- > RF remote control optional
- > To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
- > Leading edge or trailing edge dimming settable via DIP switch



- Rotate knob control, to change brightness, switch on/off

86×86×48.5MM



- Rotate knob control, to change brightness, switch on/off

86×86×48MM

Model No.	KS	Model No.	S1-K (White/Black)
Input Voltage	AC100-240V	Input Voltage	AC100-240V
Output Voltage	AC100-240V	Output Voltage	AC100-240V
Output Current	Max 1.5A	Output Current	Max 1.5A
Output Power	150-360W	Output Power	150-360W



- Leading edge or trailing edge dimming set via DIP switch
- Ultra sensitive glass touch key/slide to change brightness, switch on/off
- Play dynamic mode, 6 level speeds setting

86×86×33MM

Model No.	S1-T (White/Black)
Input Voltage	AC100-240V
Output Voltage	AC100-240V
Output Current	Max 1.5A
Output Power	150-360W

AC Triac dimmer

- Input signal: DMX512/knob/ RF / 1-10V /Push switch
- 1 channel Max 6A output, AC phase-cut mosfet dimmer
- Digital numeric display, set DMX decode start address by buttons
- Reverse-phase dimming or forward-phase dimming selectable
- Minimum brightness set from 5% to 40%
- Rotate knob to change brightness, support push, push twice and long push operation
- Apply for single color dimmable LED lamps, traditional incandescent and halogen lights dimming/switch



Knob



0/1-10V  
dimmer



DMX  
Master



Skydance  
2.4G RF  
remote control



Push  
Switch



168×93.5×63MM

Model No.	Input Voltage	Output Voltage	Output Current	Output Power
SK1	100-240VAC	100-240VAC	1CH*6A	100V<600W, 240V<1400W

- > 1 channel 100-240AC output phase-cut dimmer
- > Leading edge or trailing edge dimming, set via DIP switch
- > RF dimming remote control optional
- > Connect with external push switch to achieve on/off and 0-100% dimming
- > To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights



TR1 (White/Black)

110×67×48MM

- Digital numeric display, brightness can be set by buttons
- Minimum brightness set from 1% to 40%
- Light on/off fade time 0 - 20s selectable



S1-L

175×45×27MM

- Min brightness can be set by key
- Support 0/1-10V signal input
- Light on/off fade time 0.5/3s selectable




V1-S

175×45×27MM

- Leading edge or trailing edge dimming settable
- PWM digital dimming, logarithmic dimming curve


Model No.	TR1	S1-L	V1-S
Input Voltage	100-240VAC	100-240VAC	12-48VDC
Output Voltage	100-240VAC	100-240VAC	12-48VDC
Output Current	1CH*2A	1CH*2A	1CH*15A
Output Power	100V<200W, 240V<480W	100V<200W, 240V<480W	12V<180W, 24V<360W 36V<540W, 48V<720W

Triac Series

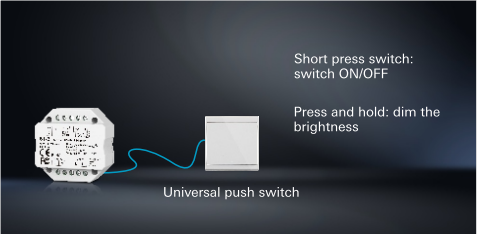


**S1-B**

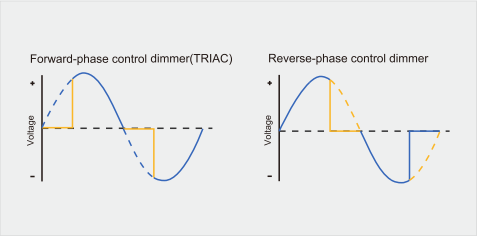
- 1 channel 100-240AC output phase-cut dimmer
- Leading edge or trailing edge dimming settable via DIP switch
- Min brightness can be set by key
- RF dimming remote control and push-dim optional
- Connect with external push switch to achieve on/off and 0-100% dimming
- Light on/off fade time 0.5/3s selectable
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
- Wall junction box mounting



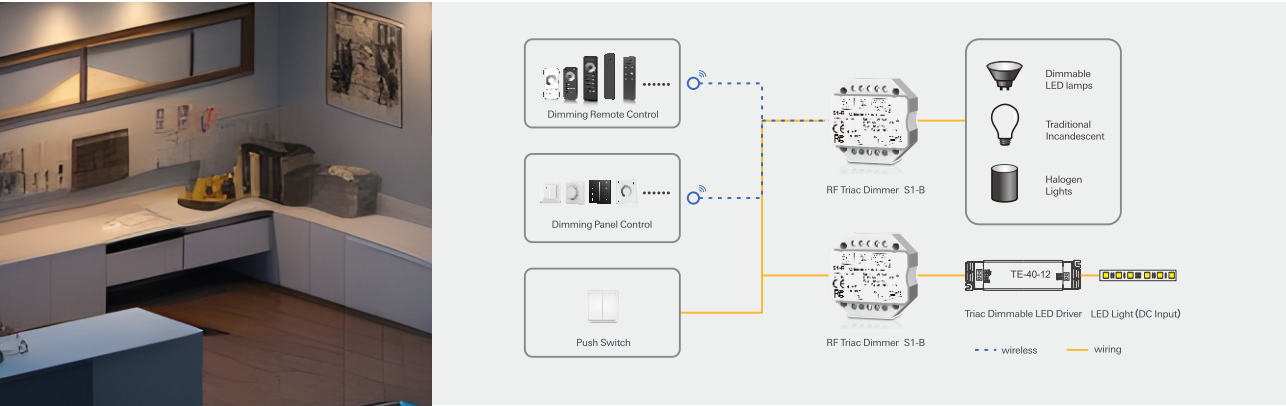
Reverse-phase  
Forward-phase



Short press switch: switch ON/OFF  
Press and hold: dim the brightness  
Universal push switch



Forward-phase control dimmer (TRIAC)    Reverse-phase control dimmer



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Size (mm)
S1-B	100-240VAC	100-240VAC	1CH*1.5A	100V<150W, 240V<360W	52 X 52 X 26



AC Triac Switch

- > RF + AC push smart switch, just on/off
- > Work with RF 2.4G dimming remote control
- > Connect with external push switch optional
- > To switch single color LED lamps, traditional incandescent and halogen lights

52 X 52 X 26MM



**SS-L**

- High-inrush specification relays
- Zero-crossing detection
- Rail installation



**SS-B**

- High-inrush specification relay
- Zero-crossing detection
- Wall junction box mounting




**SS-C**

- Wall junction box mounting


Model No.	SS-L	SS-B	SS-C
Input Voltage	100-240VAC	100-240VAC	100-240VAC
Output Voltage	100-240VAC	100-240VAC	100-240VAC
Output Current	15A (Resistive load) 10A (inductive load)	1CH*3A	1CH*6A
Output Power	1500-3600W	300-720W	600-1440W
Relay Surge Current	120A (20ms)	200A	/

Triac Power Amplifier

- > 1 channel output, output current MAX.2.5A
- > Leading edge or trailing edge dimming set by dip switch
- > Support converting from leading edge dimming to trailing edge dimming or vice versa
- > Work with dimmable LED lights or triac dimmable LED drivers
- > Over heat protection, automatic recovery



**S1-A**



Dip switch :  
Set Leading edge  
or trailing edge dimming output

175×45×27MM

Model No.	S1-A
Input Voltage	100-240VAC
Output Voltage	100-240VAC
Output Current	1CH*2.5A
Output Power	100V<250W, 240V<600W



Triac Series

► Constant Voltage Dimmable LED Driver

- > 1 channel constant voltage output, PWM digital dimming
- > 0-100% smooth dimming without flicker and noise
- > Over-heat, over-load, short circuit protection, recover automatically
- > Full protective plastic case



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency (EFF)
TE-40-12	200-240VAC	12VDC	3.3A	Max.40W	>82%
TE-40-24	200-240VAC	24VDC	1.65A	Max.40W	>85%



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency (EFF)
TE-75-12	200-240VAC	12VDC	6.25A	Max.75W	>85%
TE-75-24	200-240VAC	24VDC	3.125A	Max.75W	>87%



- > Apply to leading edge/trailing edge triac dimmers
- > Triac / ELV / AC Push-Dim dimming interface
- > Suitable for LED related fixture or appliance which use LED light bar and LED tape

► Constant Current Dimmable LED Driver

- 1 channel constant current output, PWM digital dimming
- Apply to leading edge/trailing edge triac dimmers
- Triac/ELV/AC dimming interface
- Full protective plastic case
- Multiple LED currents selection via DIP switch
- 0-100% smooth dimming without without flicker and noise
- Over-heat, over-voltage, over-load, short circuit protection
- Suitable for downlight, spotlight and decorative applications



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency (EFF)
TE-12A-H	200-240VAC	3-24VDC	350-700mA	Max.12W	78%
TE-12A-L	200-240VAC	9-45VDC	100-450mA	Max.12W	78%



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency (EFF)
TE-15A	200-240VAC	10-45VDC	150-700mA	Max.15W	80%
TE-25A	200-240VAC	10-52VDC	250-900mA	Max.25W	80%
TE-36A	200-240VAC	10-52VDC	350mA-1200mA	Max.36W	82%

► RF & Triac Dimmer Kit

- > 1 channel 100-240AC output phase-cut dimmer kit
- > Light on/off fade time 0.5/3s selectable
- > Connect with external push switch to achieve on/off and 0-100% dimming
- > RF dimming remote control and push-dim optional
- > Min brightness can be set by key
- > Leading edge or trailing edge dimming settable via DIP switch
- > To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
- > Wall junction box mounting
- > Blister and color box packing options
- > Easy installation and end user friendly



Model No.	S1-B+R11	Model No.	R1+S1-B
Input Voltage	100-240VAC	Input Voltage	100-240VAC
Output Voltage	100-240VAC	Output Voltage	100-240VAC
Output current	1CH*1.5A	Output current	1CH*1.5A
Output power	150-360W	Output power	150-360W
Battery	3VDC(CR2032)	Battery	3VDC(CR2032)
Remote distance	30m	Remote distance	30m
Size (mm)	142×200×28	Size (mm)	142×200×28



Color Box





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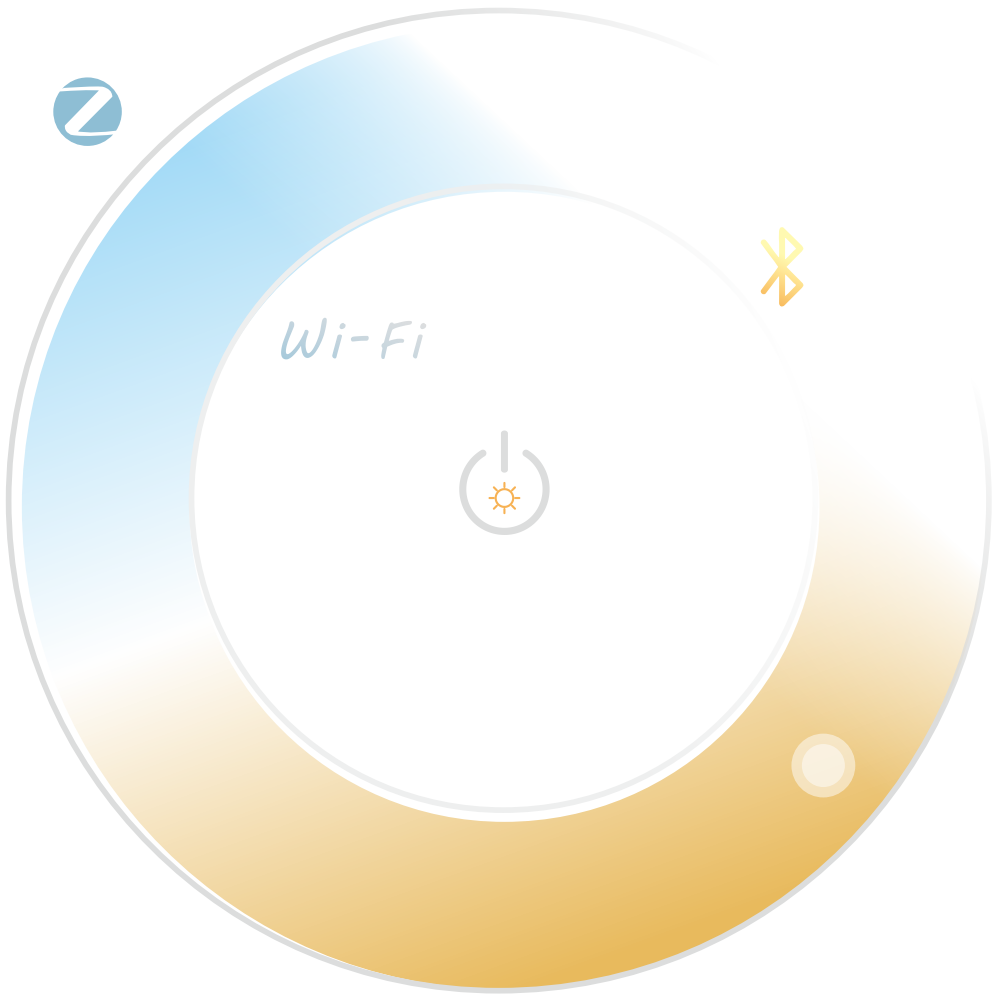


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