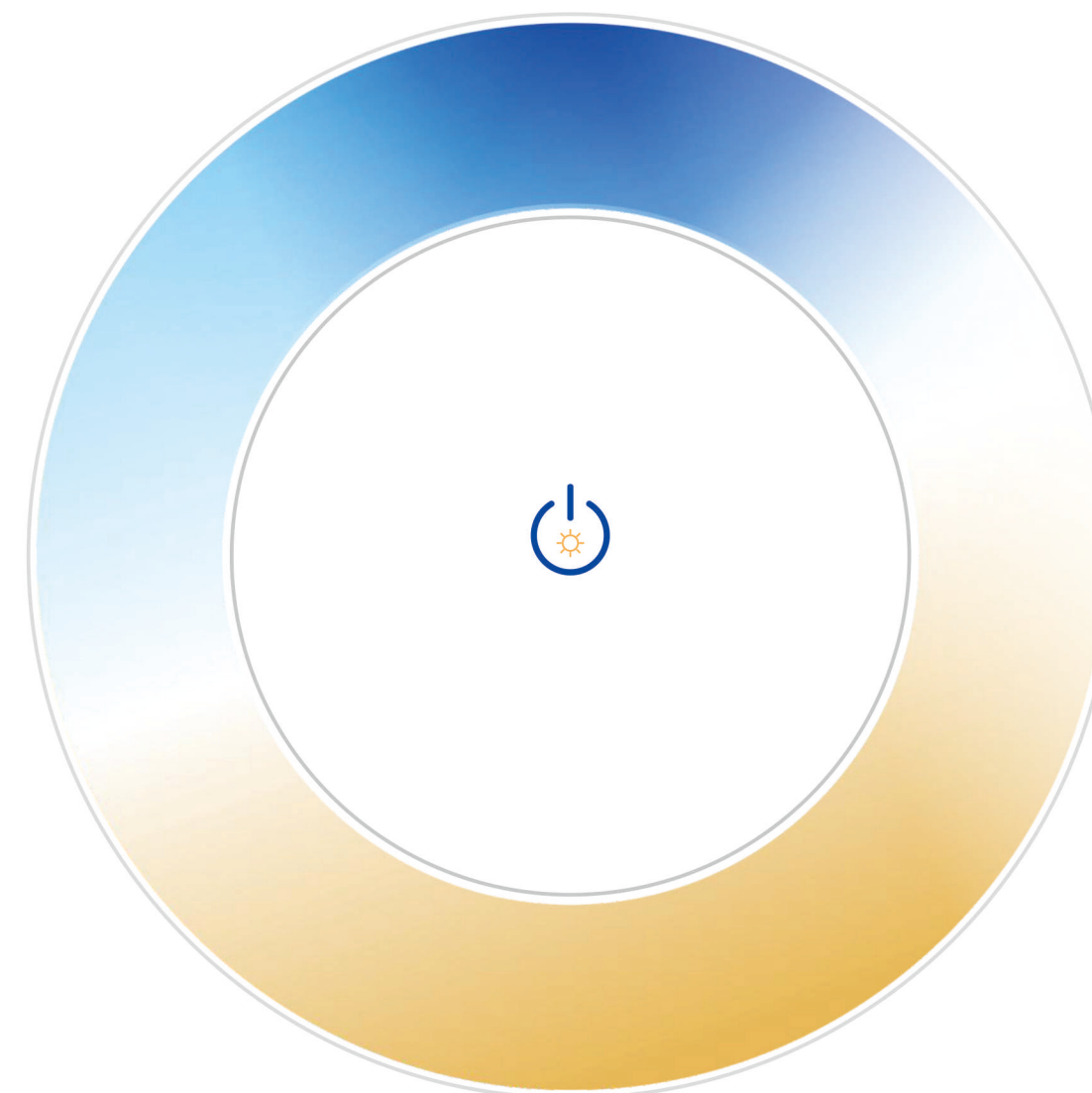


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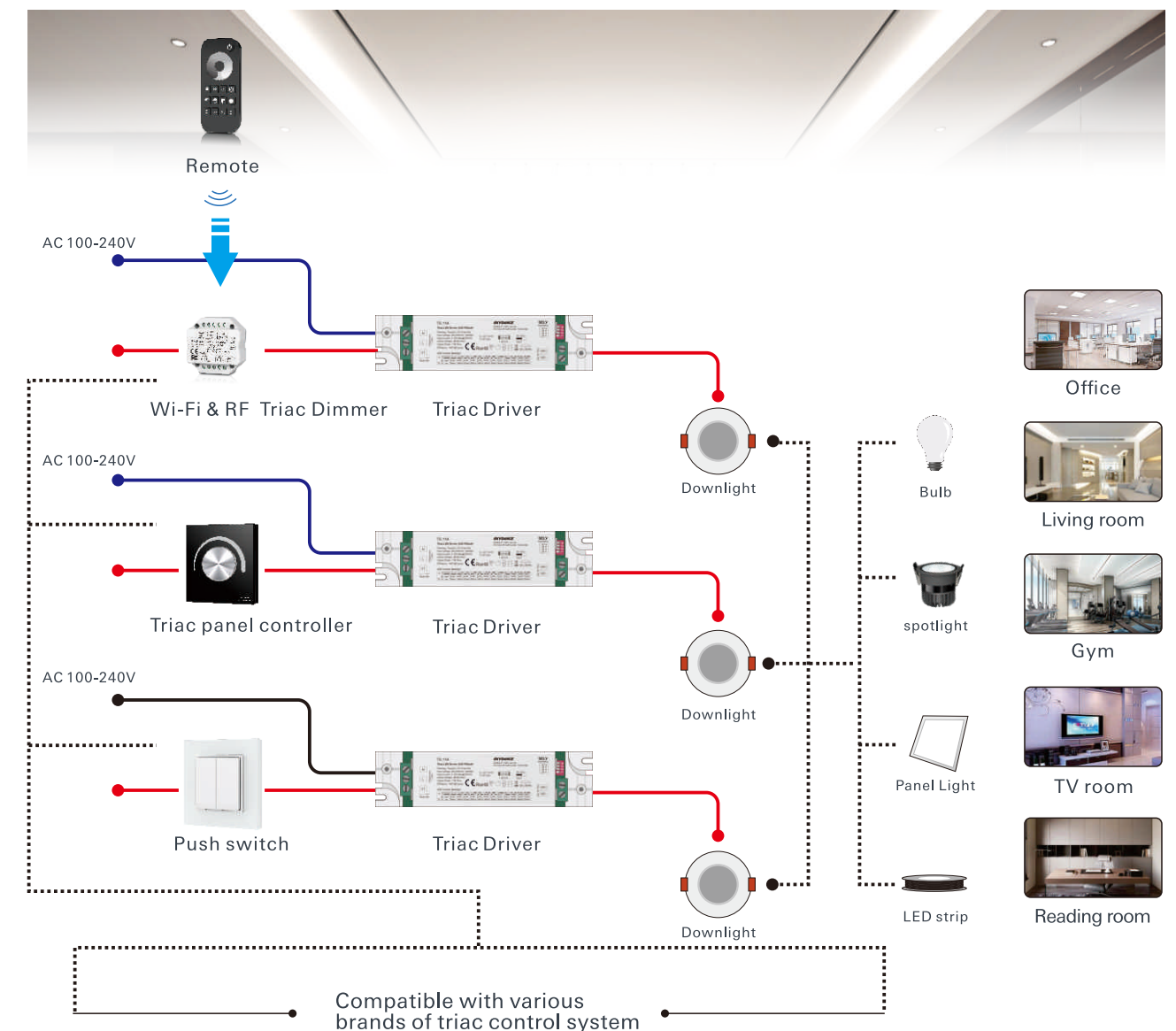
2025-2026
PRODUCT CATALOG

Triac

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 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



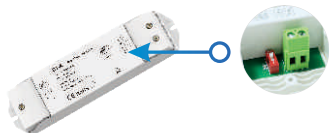
SS-4

- 4-channel RF+ AC smart switch, just on/off
- Set 1, 2, 3, 4 channel switch output by DIP switch

Model No.	SS-L	SS-B	SS-C	SS-4
Input Voltage	100-240VAC	100-240VAC	100-240VAC	100-240VAC
Output Voltage	100-240VAC	100-240VAC	100-240VAC	100-240VAC
Output Current	15A (Resistive load) 10A (inductive load)	1CH*3A	1CH*6A	4CH, 5A/CH
Output Power	1500-3600W	300-720W	600-1440W	500-1200W
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



Dip switch :
Set Leading edge
or trailing edge dimming output

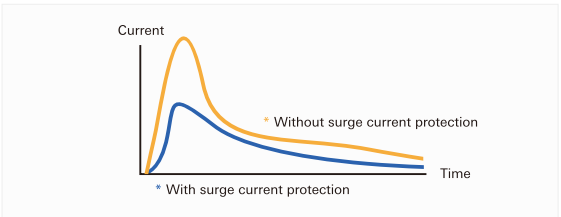
S1-A

175×45×27MM

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

Surge Current Suppressor

- When surge current occurs in the circuit, the NTC is instantly heated, the resistance drops rapidly, playing the role of current limitation and hindering the conduction of inrush current
- Used in series with triac dimmer to protect the safety and stable operation of triac dimmer
- High sensitivity, small size, high reliability, low cost, easy to install and use



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Size (mm)
S1-S	100-240VAC	100-240VAC	Max. 2A	200-480W	76 X 23.5 X 8.7

- Maximum working current is 8A, and inrush current can be suppressed to a maximum of 20A
- Built-in bypass relay
- Built-in thermal fuse for thermal protection
- Used to reduce the high start-up current generated by loads such as LED dimming drivers and LED dimmable lamps



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Size (mm)
S1-SX	100-240VAC	100-240VAC	Max. 8A	800-1920W	131 X 37 X 20.5

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



Color Box

S1-B+R11

R1+S1-B

142×200×28MM

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

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.	Input Voltage	Output Voltage	Output Current	Output Power
KS	AC100-240V	AC100-240V	Max 1.5A	150-360W
S1-K (White/Black)	AC100-240V	AC100-240V	Max 1.5A	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.	Input Voltage	Output Voltage	Output Current	Output Power
S1-T (White/Black)	AC100-240V	AC100-240V	Max 1.5A	150-360W



- ZigBee AC phase-cut dimmer
- Tuya smart APP control, Philips HUE APP control, Voice control
- Support on/off, brightness adjust, delay turn on/off light, timer run, scene edit function
- Rotate knob to change brightness, support push and long push operation
- Light on/off fade time 3s selectable
- White & Black available

86×86×48MM

- WiFi AC phase-cut dimmer
- Tuya smart APP control, Voice control
- Support on/off, brightness adjust, delay turn on/off light, timer run, scene edit function
- Rotate knob to change brightness, support push and long push operation
- Light on/off fade time 3s selectable
- White & Black available

86×86×48MM

Model No.	Input Voltage	Output Voltage	Output Current	Output Power
TS-K(WZ) (White/Black)	AC100-240V	AC100-240V	1.5A	150-360W
TS-K(WT) (White/Black)	AC100-240V	AC100-240V	1.5A	150-360W

AC Triac dimmer

- Input signal: DMX512 / knob / RF / 1-10V / Push switch / DALI
- 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



DALI
Standard
IEC62386



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

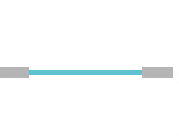
- Leading edge or trailing edge dimming settable
- PWM digital dimming, logarithmic dimming curve

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

- > 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



Short press switch:
switch ON/OFF



Press and hold:
dim the brightness



Universal push switch



S1-B

- 1 channel 100-240AC output phase-cut dimmer
- Leading edge or trailing edge dimming settable via DIP switch



Reverse-phase
Forward-phase



S1-F

- 1 channel 100-240AC output single line phase-cut 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
S1-F	100-240VAC	100-240VAC	1CH*1.5A	100V<150W, 240V<360W	52 X 52 X 26

► Constant Voltage Dimmable LED Driver


Triac Dimming


Digital Dimming


Logarithmic Dimming


Push-Dim


Over-heat Protection


Over Load Protection


Short Circuit Protection


Warranty 5 years

- > 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
- > 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



168 X 44 X 30MM

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



179 X 56 X 30MM

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

- > 40-220VAC Dimming voltage range, Max.150W output power
 - > Triac / ELV / AC Push-Dim dimming interface
 - > Apply to leading edge/trailing edge triac dimmers
 - > Connection of push switch for on/off and dimming
- > Built-in active PFC function: 0.91 Typ
 - > THD<10%
 - > Over-load / Short circuit protection, recover automatically
 - > Class II design, SELV safety ultra-low voltage



310 X 45 X 30MM

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency (TYP)	Power Factor
TF-150-12	200-240VAC	12VDC ±4%	Max. 12.5A	Max.150W	>91%	>0.95



310 X 45 X 30MM

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency (TYP)	Power Factor
TF-150-24	200-240VAC	24VDC ±2.5%	Max. 6.25A	Max.150W	>91%	>0.95

► Constant Current Dimmable LED Driver


Triac Dimming


>0.9


Digital Dimming


Logarithmic Dimming


Over-heat Protection


Multiple Current


Over Load Protection


Short Circuit Protection


Warranty 5 years

- > 1 channel constant current output, multi-current optional
 - > Triac/ELV, AC Push-Dim dimming interface
 - > Connection of push switch for on/off and 0-100% dimming
 - > Over-load / Short circuit protection, recover automatically
- > Apply to leading edge/trailing edge triac dimmers
 - > Built-in active PFC function: 0.95 Typ
 - > Class II design, SELV safety ultra-low voltage



with push function

149 X 45 X 24MM

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency(TYP)	Power Factor
TF-30A	200-240VAC	9-45VDC	150-900mA	Max.30W	>85%	>0.95
TF-40A	200-240VAC	9-45VDC	300-1050mA	Max.40W	>85%	>0.95