AC Triac Touch Glass Panel Dimmer

Model No.: S1-T

Touch glass panel/Brightness slide/Leading edge or trailing edge/Wireless remote control



CE RoHS emc LVD

Features

- Touch glass panel AC phase-cut dimmer, 1 channel output.
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights.
- Ultra sensitive high strength glass touch panel with touch slide in the middle and backlighting.
- Leading edge dimming or trailing edge dimming set by dip switch.
- Compatibility with Skydance's 2.4G dimming remote control.

Technical Parameters

Input and Output	
Input voltage	AC100-240V
Output voltage	AC100-240V
Output current	Max 1.2A
Output power	120-288W

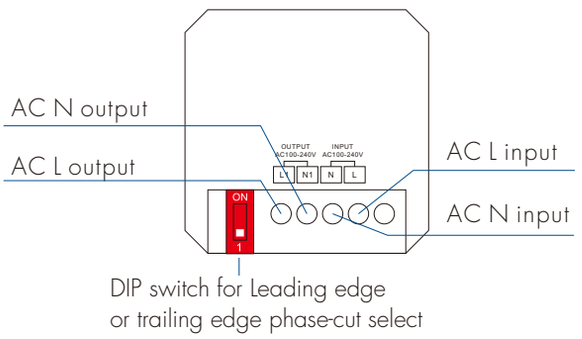
Safety and EMC	
EMC standard (EMC)	EN 55015:2013 EN 61547:2009 EN 61000-3-2:2014 EN 61000-3-3:2013
Safety standard(LVD)	EN 61347-2-11:2002 EN 61347-1:2015 EN 62493:2015
Certification	CE,EMC,LVD

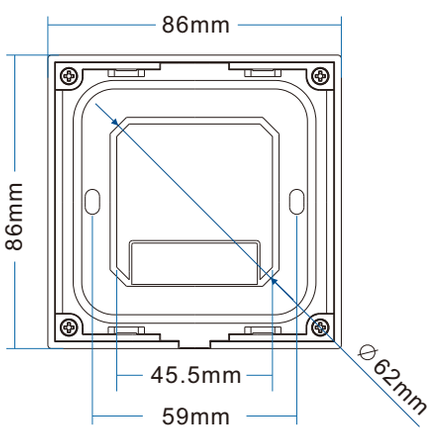
Dimming data	
Input signal	Touch key + RF 2.4GHz
RF Control distance	30m
Dimming level	256 levels
Dimming range	0-100%

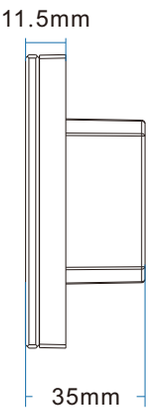
Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc: +85°C
IP rating	IP20

Warranty	
Warranty	5 years

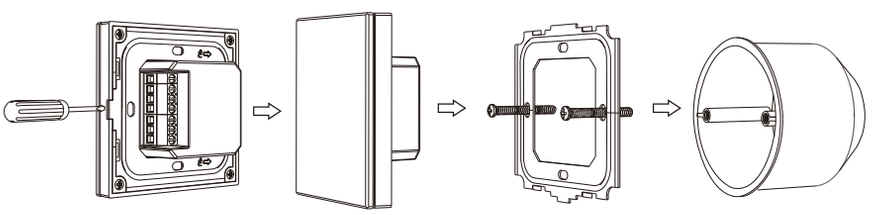
Mechanical Structures and Installations





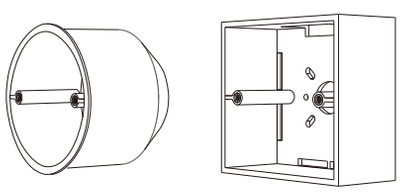


Installation diagram:



Uninstall | Touch panel | Baseplate | Base

Typical base as below:

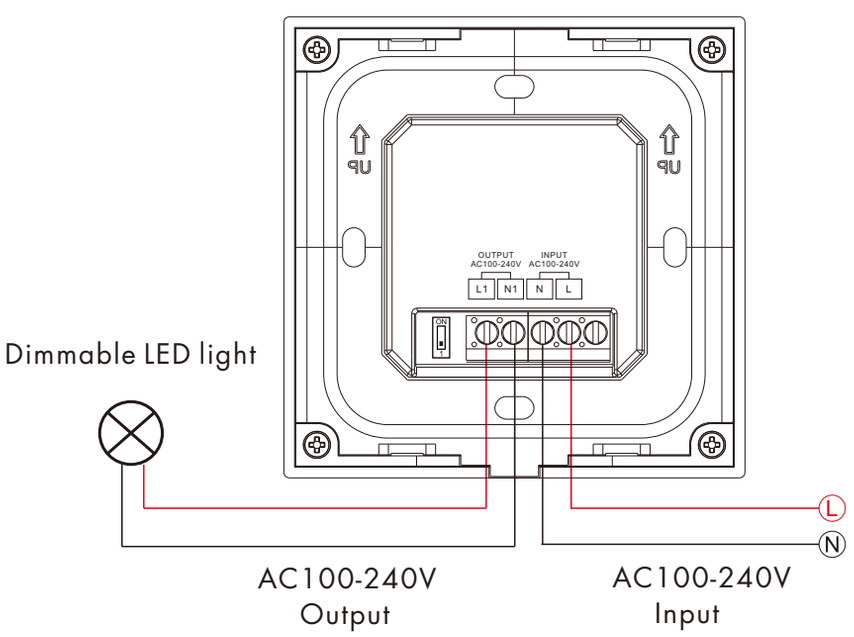


European style | 86 size

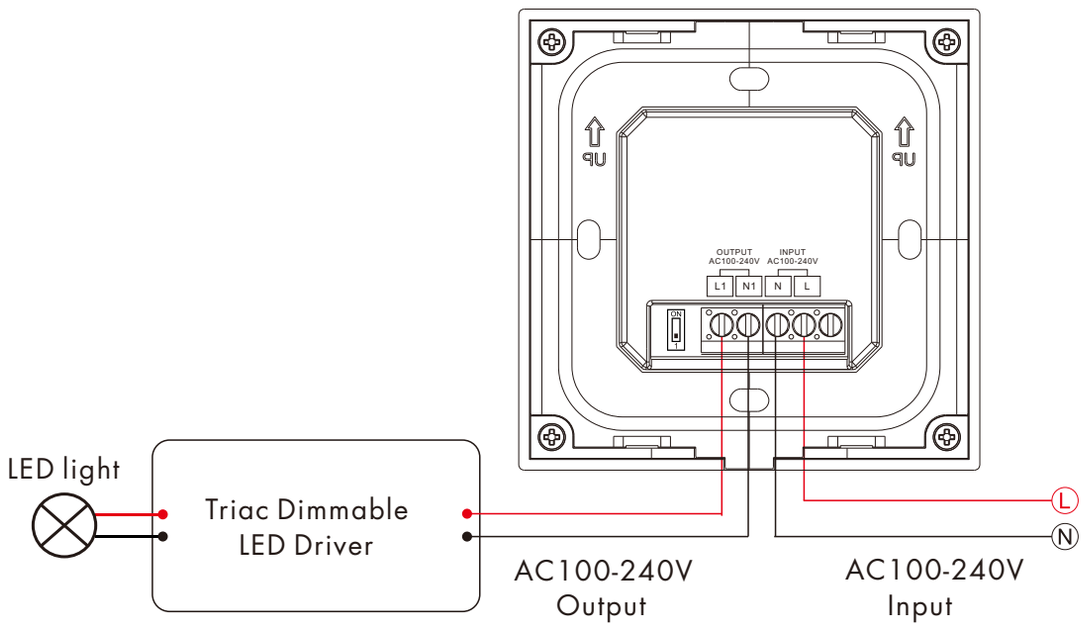
Wiring diagram

Caution: Please carefully ensure all wire connections and polarities are correct and secure before applying power, otherwise this controller will be damaged.

- Connect with dimmable LED light

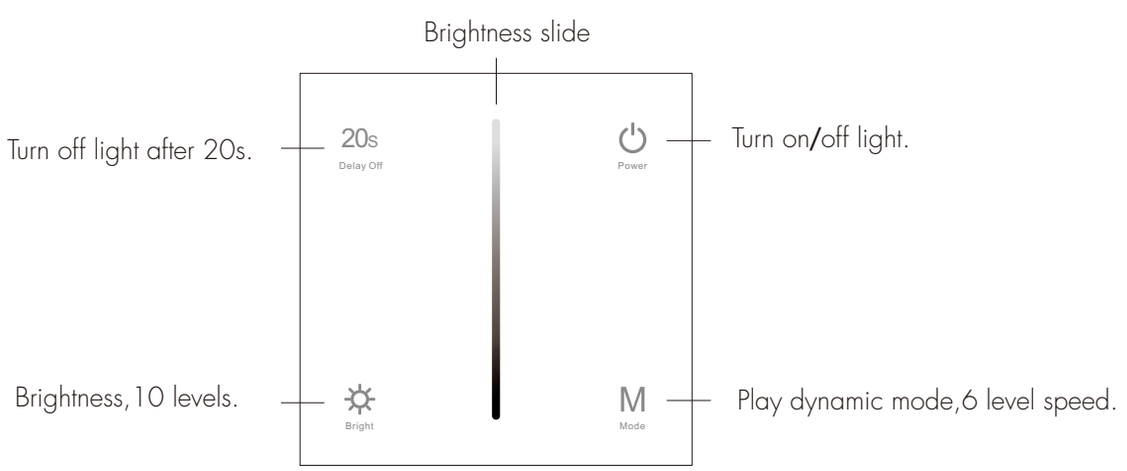


- Connect with Triac dimmable LED driver



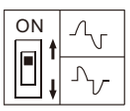
Note: When calculating the maximum number of load lamps or drivers, the input power or input current parameters of a single lamp or driver must be used, the output power parameters can not be used, otherwise, the product will be overloaded and damaged.

Key function



Leading edge or trailing edge dimming setting

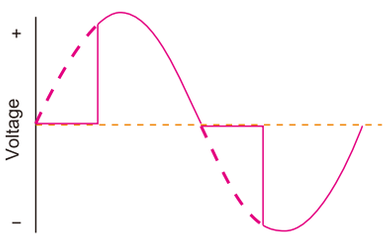
Select leading edge(forward-phase) dimmer or trailing edge(reverse-phase) dimmer according to dimmable LED light or driver.



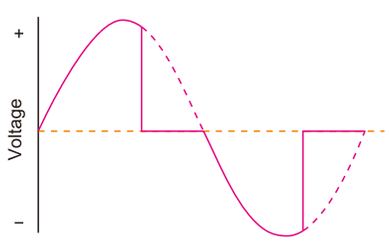
Reverse-phase

Forward-phase

Forward-phase control dimmer(TRIAC)



Reverse-phase control dimmer



Caution: before power on, you must confirm the selection of dip switch.

Match Remote Control (two match ways)

The AC Triac touch panel dimmer can also match with the RF dimming remote (optional).
End user can choose the suitable match/delete ways. Two options are offered for selection:

Use On/Off key

Match:
Turn on light, turn off, immediately press the On/Off key of the panel for 5s, then press on/off key (single zone remote) or zone key (multiple zone remote) of the RF remote within 5s.

Delete:
Turn on light, turn off, immediately press the On/Off key of the panel for 10s, delete all matched RF remote.

Use Power Restart

Match:
Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote. The light blinks 3 times means match is successful.

Delete:
Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote. The light blinks 5 times means all matched remotes were deleted.