

0-10V Touch Glass Panel Dimmer

Model No.: T18

1 zone/Touch glass panel/Brightness slide/Wireless remote control



CE RoHS LVD

Features

- Touch panel 0-10V dimmer, output 1 channel 0-10V signal.
- Output connect with 0/1-10V dimmable driver.
- Ultra sensitive high strength glass touch panel with touch slide in the middle and backlighting.
- Compatibility with RF 2.4G dimming remote control.
- Touch keys with LED indicator.
- White & Black glass panel available.

Technical Parameters

Input and Output	
Input voltage	AC100-240V
Output voltage	AC100-240V
Output signal	0-10V (20mA)
Output current	20mA/CH

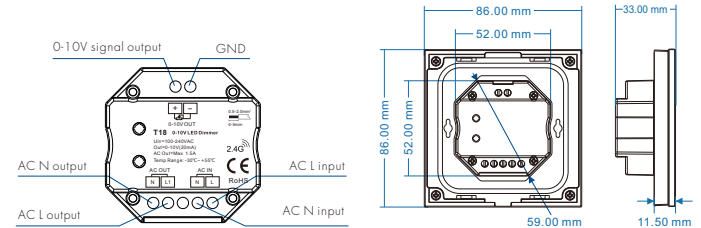
Safety and EMC	
EMC standard (EMC)	EN 55015:2013
	EN 61547:2009
	EN 61000-3-2:2014
	EN 61000-3-3:2013
Safety standard(LVD)	EN 61347-2-11:2002
	EN 61347-1:2015
	EN 62493:2015
Certification	CE,EMC,LVD

Dimming data	
Input signal	Touch key + RF 2.4GHz
RF Control distance	30m(Barrier-free space)
Dimming gray level	256 levels
Dimming range	0-100%

Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc: +65°C
IP rating	IP20

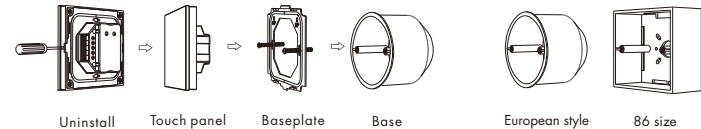
Warranty	
Warranty	5 years

Mechanical Structures and Installations

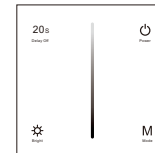


Installation diagram:

Typical base as below:



Key function

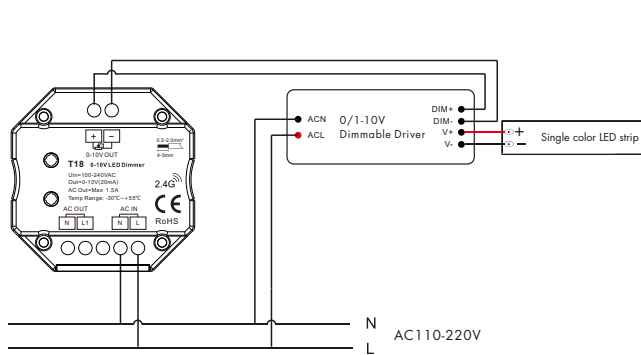


- Turn on/off light.
- Play dynamic mode, 6 level speed.
- Turn off light after 20s.
- Brightness, 10 levels.

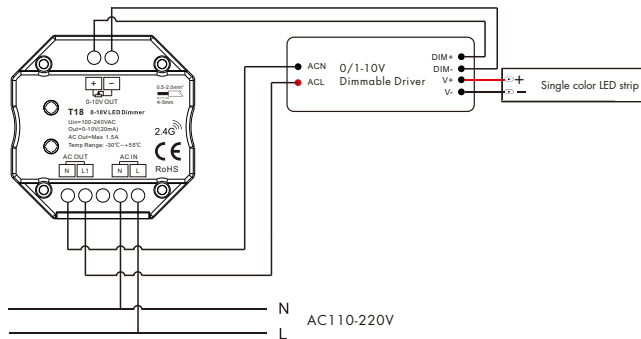
Note: The default output is 0-10V, if you want to 1-10V output, please touch power key to turn off light, then long press power key for 1.5s immediately, the output will become 1-10V. Power key to turn off light, then long press power key for 10s immediately, the output will return 0-10V.

Wiring diagram

- Connect with 0/1-10V dimming driver (no use AC OUT)

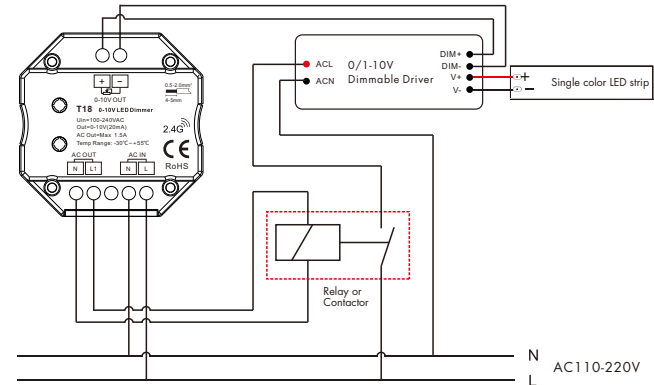


- Connect with 0/1-10V dimming driver (use AC OUT)



- Connect with 0/1-10V dimming driver (use AC OUT and relay or contactor)

An additional AC relay or contactor is needed when total input current of the load is higher than 1.5A or inrush current is greater than 1.5A.



Note: We recommend the number of LED drivers connected to 0/1-10V dimmer does not exceed 5 pieces. The maximum length of the wires from dimmer to LED driver should be no more than 1.5 meters.

Match Remote Control (two match ways)

The 0-10V 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. The LED indicator fast flash 3 times means match is successful.

Delete:

Turn on light, turn off, immediately press the On/Off key of the panel for 10s to delete all match. The LED indicator fast flash 6 times means all matched remotes were deleted.

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.