



AC Triac RF + Push Dimmer

Model No.: 85884

RF dimming/Numeric display/Leading edge or trailing edge/Min brightness settable/Push Dim/Din rail

Features

- RF + Push AC phase-cut dimmer, 1 channel output.
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights.
- Digital numeric display, set brightness by buttons.
- 0-100% dimming smoothly without any flash.
- Reverse-phase dimming or forward-phase dimming selectable.
- Minimum brightness set from 1% to 40%.
- Light on/off fade time 0 - 20s selectable.
- Compatibility with RF 2.4G single zone or multiple zone dimming remote control.
- Connect with external push switch to achieve on/off and 0-100% dimming function.
- Over-heat protection, recover automatically.



CE RoHS EMC LVD

Technical Parameters

Input and Output

Input voltage	100-240VAC
Output voltage	100-240VAC
Output current	1 CH, 2A
Output power	200-480W

Safety and EMC

EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(LVD)	EN 62368-1:2020+A11:2020
Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,LVD,RED

Dimming data

Input signal	3 Buttons RF 2.4GHz AC Push
Dimming level	100 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
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Compatible Load Types

Load Type	Maximum Load	Remarks
Dimmable LED lamps	300W @ 220V 150W @ 110V	Due to variety of LED lamp designs, maximum number of LED lamps is further dependent on power factor result when connected to dimmer.
Triac Dimmable LED drivers	300W @ 220V 150W @ 110V	Maximum permitted number of drivers is 300W divided by driver nameplate power rating, and make sure the surge current is no more than 2 times 6.5A.
Incandescent lighting, HV Halogen lamps	500W @ 220V 250W @ 110V	