

Description

Push-Pull Dimming

The devices shown below allow the dimming of two channels in push-pull mode, i.e. when one channel is dimmed down, the other is dimmed up. Both channels can comprise one or more LED loads.

The dimming system consists of transmitters and receivers. The transmitter is used to control the system, while the receiver operates the LEDs.

The transmitters are battery-operated, whereas the receivers require a 12 V (max. 36 V) power supply. This means that only LEDs loads suitable for the respective power supply voltage can be operated.

Transmitters

Transmitter
"SR-2805RCCT"
for wall-mounting



Hand-held transmitter
"SR-2803C"
as remote control



Both transmitters shown above transmit their control signals by radio, i.e. no control lead needs to be installed.

Each transmitter is powered by one battery with a manufacturer-specified lifetime of two years.

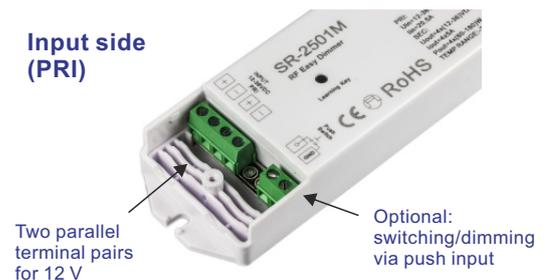
Each transmitter can be used to control one or more receivers. Each receiver can be controlled by multiple transmitters. For example, a Luminous Panel could be controlled with a wall-mounted transmitter and a hand-held transmitter at the same time.

Receiver "SR-2501M"

The receiver is the supply module for the LEDs. The supply voltage (from the power supply) is connected to the input side, and the LED load is connected to the output.

The receiver receives its control signals from the respective transmitter. These signals are converted into a PWM signal, which is used to dim the LEDs.

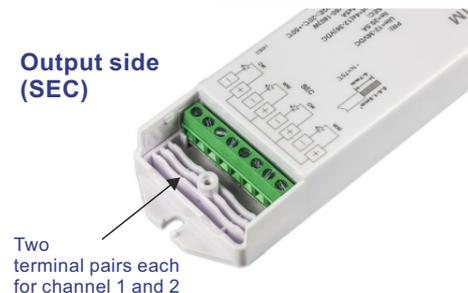
Input side
(PRI)



Two parallel terminal pairs for 12 V

Optional: switching/dimming via push input

Output side
(SEC)



Two terminal pairs each for channel 1 and 2



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