

dimmers

➔ RGBWL [RGBWL · RGBWL-C]

4-channel dimmer to regulate RGBW LED modules with BUSing® control

Allows control of RGB+White LED strips to create different shades of environment.



- 4 independent regulation channels (Red, Green, Blue and White)
- Individual programming control values for each channel
- Digital regulation control based on microcontroller with more than 200 regulation points
- PWM dimming method

➔ RGBWL

Luminaire or ceiling integration mounting version.

- Size:
37 x 77 x 17mm



➔ RGBWL-C

DIN rail mounted version (2 modules)



Description

RGBWL is a four channels lighting regulator. Each channel can be individually controlled or simultaneously the four of them. They are controlled via other BUSing® devices. It is recommended for controlling RGBW LED strips, creating different atmospheres thanks to their RGBW colours combination.

It is designed to achieve a precise digital regulation. It receives the commands from other BUSing® devices.

Using the Development System Software (SIDE), different parameters can be configured for each channel, for instance the ramp speed or the maximum and minimum regulation values.

Installation Details

- To connect the RGBW module, it has 4 regulation channels (red, green, blue and white) and an output supply (+12V DC - +24V DC) from RGBW unit.
- The output voltage for feeding the LED strip will be the same as the one the device receives in the input; two wires +12V DC - +24V DC and reference (GND).
- It is not necessary to connect +12V DC-Ref to the BUSing socket terminal of the RGBWL device. It is only needed to connect A and B and the power supply plugs from the upper part (+12V DC - + 24V DC) as well as GND in order to feed and control the device.

Technical Characteristics

Device Reference	Voltage Supply*	Current Consumption	Output Power (10V DC)	Output Power (24V DC)	No of channels	Max. Operating Output Current
RGBWL, RGBWL-C	12-24V DC	60mA (BUS)	4x30W	4x78W	4 (R-G-B-W)	6A

* power supplied by the LED transformer

➔ RGBWL

Installation

