

## dimmers

### ➔ RGBL [ RGBL · RGBL-C ]

#### 3-channel dimmer to regulate RGB LED modules with BUSing® control

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



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

#### ➔ RGBL

Luminaire or ceiling integration mounting version.

- Size:  
37 x 77 x 17mm



#### ➔ RGBL-C

DIN rail mounted version (2 modules)



#### Description

RGBL is a three 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 RGB LED strips, creating different atmospheres thanks to their RGB 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 RGB module, it has 4 regulation channels (red, green, blue and white) and an output supply (+12V DC - +24V DC) from RGB 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 RGBL 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
RGBL, RGBL-C	12-24V DC	60mA (BUS)	3x30W	3x78W	3 (R-G-B)	6A

\* power supplied by the LED transformer

### ➔ RGBL

#### Installation

