

## Technical Specifications

<b>Power supply</b>	12 ... 28VDC
<b>Power consumption</b>	typ. 66mW, max. 150mW
<b>Output</b>	4 PWM outputs (max. 2.1A per channel) 100W at 12V 200W at 24V  max. wire length to LED: 30m / 98ft
<b>Power loss at max. load</b>	3W
<b>PWM frequency</b>	123Hz
<b>Interfaces</b>	Loxone Tree: connection with Miniserver / Tree Extension
<b>Ambient temperature</b>	-40 ... 55°C / -40 ... 131°F
<b>Humidity</b>	max. 95% r. H. (non condensing)
<b>Safety rating</b>	IP20
<b>Dimensions</b>	136x36x22.6mm / 5.35x1.42x0.89" (LxWxH)
<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and may only be cleaned with a dry cloth.

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# RGBW 24V Compact Dimmer Tree

Part No.: 100325

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VH0420



## About the product

The RGBW 24V Compact Dimmer allows easy control of LED lighting. You can dim the light as well as change the color and create different moods of your room.

## Features

4x PWM output

## Installation & electrical connection

The installation of this device has to be carried out by a qualified person. The device has to be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturer's guidelines the protection of the device may be affected.

## Power Supply & outputs

<b>Wire cross-section</b>	0.75 ... 2.5mm <sup>2</sup> / AWG18 ... 13
<b>Torque of terminal blocks</b>	0.35 ... 0.4Nm / 0.26 ... 0.3 lbf ft
<b>Stripping length</b>	5mm / 0.2"
<b>Temperature resistance</b>	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL

## Loxone Tree

<b>Wire cross-section</b>	0.25 ... 0.8mm <sup>2</sup> / AWG23 ... 18
<b>Stripping length</b>	5mm / 0.2"
<b>Temperature resistance</b>	-40 ... 105°C / -40 ... 221°F



For additional information, declaration of conformity, visit [www.loxone.com/help/compact-dimmer](http://www.loxone.com/help/compact-dimmer)

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