### **Technical Specifications**

Power supply	12 28VDC
Power consumption	typ. 66mW, max. 163mW
Output	4 PWM outputs (max. 2.1A per channel) 100W at 12V 200W at 24V max. wire length to LED: 30m / 98ft
Power loss at max. load	3W
PWM frequency	123Hz
Interfaces	Loxone Tree: connection with Miniserver / Tree Extension
Ambient temperature	-40 55°C / -40 131°F
Humidity	max. 95% r. H. (non condensing)
Safety rating	IP20
Dimensions	35.4x88x57mm / 1.4x3.46x2.24" (LxWxH)
Maintenance & Cleaning	This device is free of maintenance and may only be cleaned with a dry cloth.

# LOXONE

# Need Help?

loxone.com/support

Loxone Electronics GmbH Smart Home 1 4154 Kollerschlag Austria

loxone.com



# LOXONE



## RGBW 24V Dimmer Tree

Part No: 100239



### **About the product**

The RGBW 24V 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

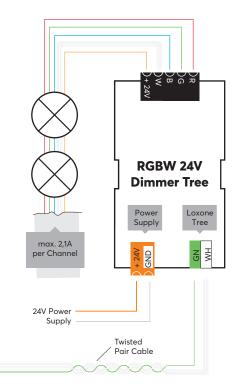
The installation of this device has to be carried out by a qualified person. The device has to be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturer's guidelines the protection of the device may be affected.

### **Power Supply & outputs**

Wire cross-section	0.75 2.5mm <sup>2</sup> / AWG18 13
Torque of terminal blocks	0.5 0.6Nm / 0.37 0.44 lbf ft
Stripping length	6 7.5mm / 0.24 0.30"
Temperature resistance	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL

#### **Loxone Tree**

Wire cross-section	0.25 0.8mm² / AWG23 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 105°C / -40 221°F





For additional information, declaration of confirmity, visit www.loxone.com/help/rgbw-dimmer-tree

This folder is a part of the product!

DRY LOCATIONS ONLY • POUR EMPLACEMENTS SECS SEULEMENT •

CLASS 2 INPUT ONLY • ENTRÉE DE CLASSE 2 UNIQUEMENT