

1-4 Casambi LED-Converter 10-24V

miniXLED4 CV Casambi

Item No.: 10.542



maintronic



- 1...4 CH LED-dimmer constant voltage
- Flexible applications due to profiles
- Control: Casambi App and all Casambi compatible devices
- Output current
max. 2.5 A/ CH | 8 A total



CASAMBI

Brief description

LED ballast with tiny dimensions for comfortable and flexible control of LEDs with constant voltage (usually LED strips or panels). The device can be controlled via the Casambi app, available for iOS and Android or with suitable wireless push buttons.

Operation modes

Casambi luminaire profiles and use cases: The device has different operating modes (so-called Casambi profiles) with the profiles the functionality and the parameters are determined.



Easy commissioning and control
by Casambi App

Casambi profiles (Operation modes)

Icon	Profilename	Description	CH
	miniXLED4 1CH	One channel PWM dimmer	1 CH
	miniXLED4 2CH	Two channel PWM dimmer	2 CH
	miniXLED4 4CH	Four channel PWM dimmer	4 CH
	miniXLED4 4CH 400Hz	Four channel PWM dimmer 400Hz	4 CH
	miniXLED4 4CH Switch	Four channel Switch	4 CH
	miniXLED4 RGB	RGB PWM Dimmer 3 channel with color mixing	3 CH
	miniXLED4 RGB/ White	RGB PWM Dimmer 4 channel with color mixing + extra channel for white	4 CH
	miniXLED4 RGBW	RGB PWM Dimmer 4 channel with color mixing, white is mixed in	4 CH
	miniXLED4 TW	One Channel Tunable White PWM Dimmer	2 CH
	miniXLED4 TW (lin)	One Channel Tunable White PWM Dimmer (linear curve)	2 CH
	miniXLED4 TW (WW - CW Dimmer)	One channel Tunable White PWM dimmer, controls both Warmwhite and Coldwhite channels via a single slider	2 CH
	miniXLED4 TW/TW	Two Channel Tunable White PWM Dimmer	4 CH
	miniXLED4 TW/TW (lin)	Two Channel Tunable White PWM Dimmer (linear curve)	4 CH

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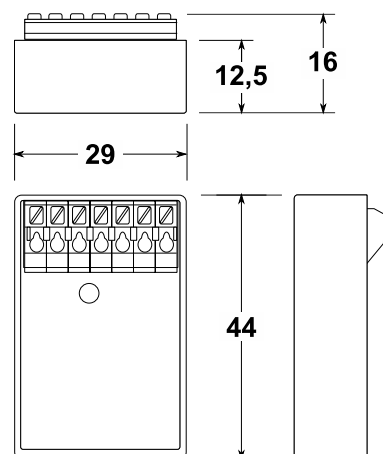
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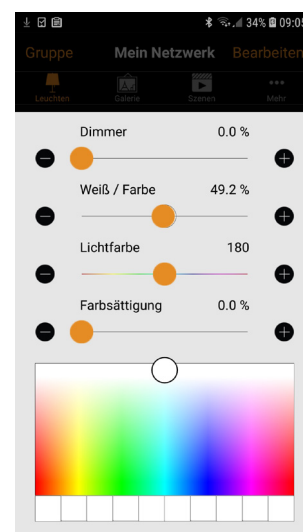


Technical Data

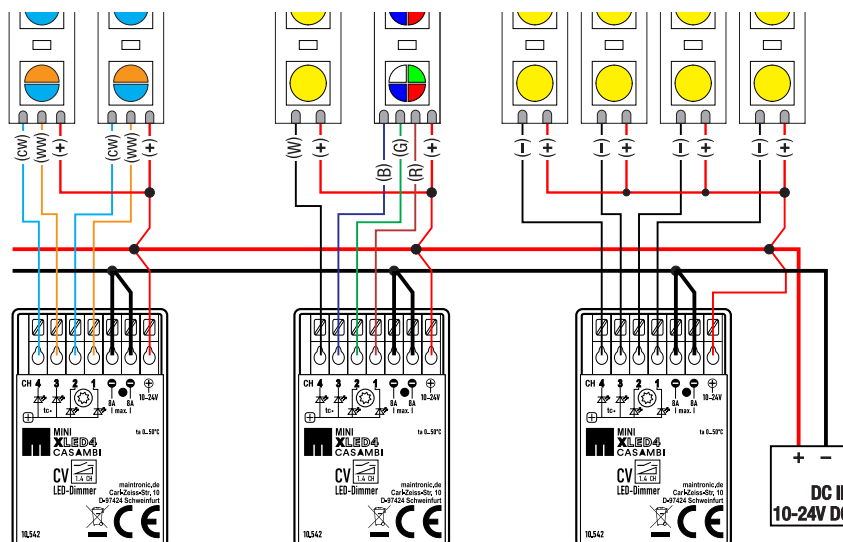
Operation Voltage	Pulse-proof constant voltage power supply		10...24V DC
Power consumption	Standby / Operation (Efficiency)		< 0,2W / 2W (max. 99,5%)
Outputs	4 output channels		common anode (+)
Output power	on voltage	Current (channel)	Current (total)
	12V DC	2,5A	8A
	24V DC	2,5A	8A
Terminal wiring	Push-in spring connectors		1,5mm ² solid conductor 1,5mm ² fine-stranded conductor
	Striping length		9 mm (+/- 0.5 mm tolerance)
Min. load			none
Dimming method			Pulse width modulation (PWM)
Operating and display elements			LED
Protections	Two-stage overtemperature protection		Software at 90°C
			Hardware fuse >110°C
Protocoll	Casambi Bluetooth Low Energy		2,4...2,483 GHz; 4 dBm
Enviroment	Type of protection housing		IP20
	Type of protection connectors		IP40
	Protection class		Class II
	Temperature (ambient) ta		-20° ...+50° Celsius
	Temperature (critical) tc		75° C
	Humidity		15% ... 90% non-condensing
Approbation			CE, UKCA
Design	Construction		Mini Installation housing
	Mounting		In wall boxes or into devices with protection class II
	Dimensions (length x width x height) mm		44 x 29 x 16 mm
	Weight		0,014 kg
	Housing		plastics, black
Customs	HS-Code/ TARIC-Number		85365080



Dimensions



Screenshot APP profile
miniXLED4 4CH RGBW



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