



miniXLED4 CV Casambi

Item No.: 10.542



- 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.

Casambi profiles (Operation modes)

Icon	Profilname	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 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



Easy commissioning and control by Casambi App



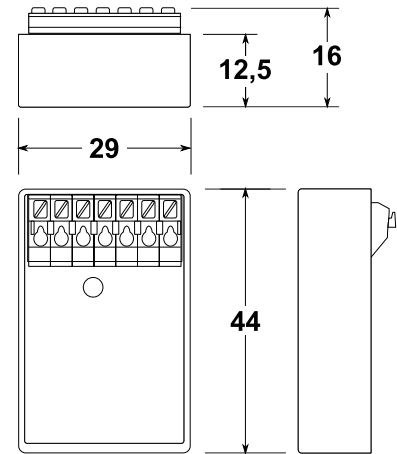
1-4 Casambi LED-Converter 10-24V



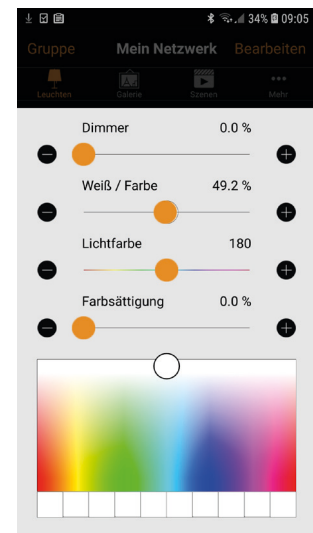
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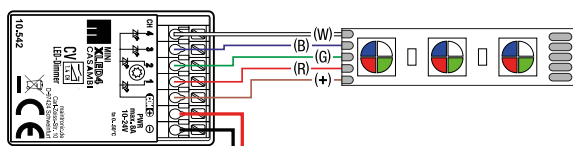
Technical Data			
Operation Voltage	Pulse-proof constant voltage power supply	10...24V DC	
Power consumption	Standby / Operation (Efficiency)	< 0,23W / 2W (max. 99,5%)	
Fuse		max. 10 A	
Outputs	4 output channels	common anode (+)	
Output power	on voltage	Current (channel)	Current (total)
	12V DC	2,5A	8A
	24V DC	2,5A	8A
PWM-frequency	Dynamomatic PWM-frequency 122 upto 976 Hz Setup- 122, 244, 488, 976, 1952, 3904, 7808 Hz		
Terminal wiring	Push-in spring connectors	1,5mm ² solid conductor 1,5mm ² fine-stranded conductor	
	Striping length	9 mm (+/- 0.5 mm)	
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	-10°...+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	



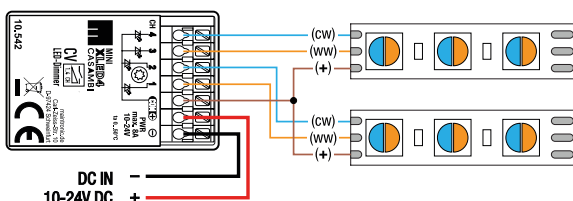
Dimensions



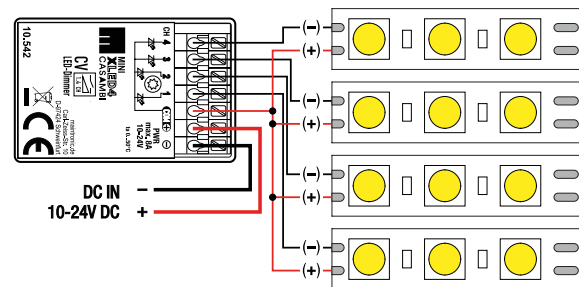
Screenshot APP profile
miniXLED4 4CH RGBW



Connection diagram RGBW profile



Connection diagram Tunable White 2x TW profile



Connection diagram 4CH profile



Carl-Zeiss-Str. 10-14
97424 Schweinfurt / Germany

Tel. +49(0)9721-7766 0
Fax. +49(0)9721-7766 18

www.maintronic.de
info@maintronic.de

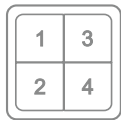
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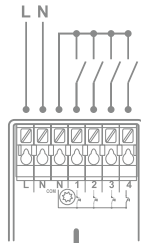
BLE-Taster
(Kinetic switches)



XPress
(Casambi)



PushButton
(CI4AC)



Casambi App
(iOS & Android)



Sensors



Wireless
Bluetooth

