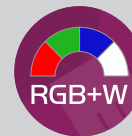
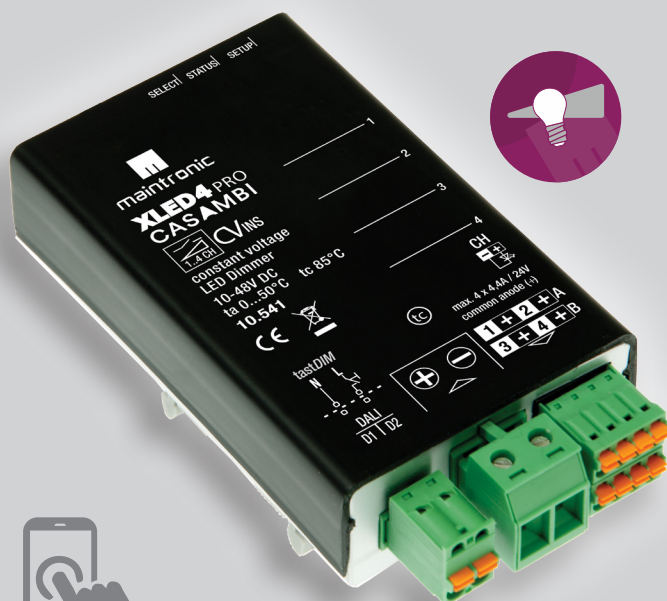


1-4 Casambi+DALI LED-Converter 10-48V

XLED4 CV Casambi

Item No.: 10.541



CASAMBI

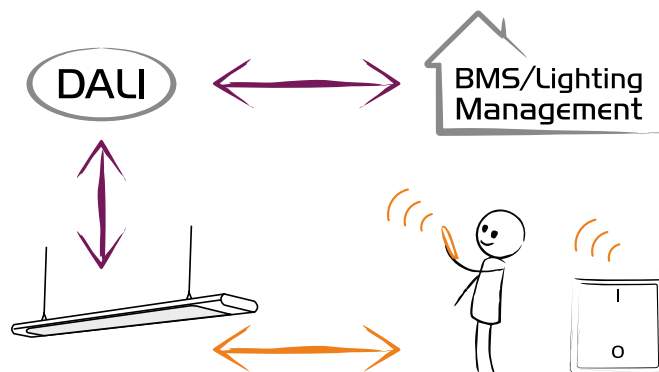
- 1-4 CH LED-dimmer constant voltage
- Control with Casambi, DALI / Push Button
- 4,4A / CH | 17,6A max. output current
- Plus Features: variable Fadetime and Dimmspeed, Soft-Off

Brief description

LED ballast for comfortable and flexible control of LEDs with constant voltage (usually LED strips) through a smartphone or tablet. Additionally DALI integrated, depending on the operation mode 1 to 4 channels.

With the integrated key input any Casambi device can be remotely controlled.

Casambi as a DALI extension



Channel-Link

For the different operation modes, the channels must be interconnected differently (Channel-Link). Please see the manual.

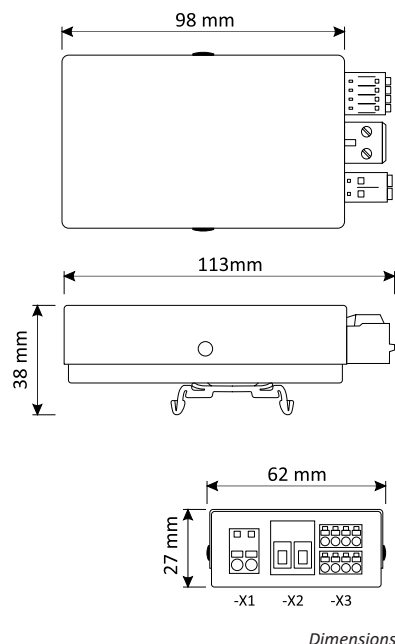
1-4 Casambi+DALI LED-Converter 10-48V

XLED4 CV CASAMBI

Item No.: 10.541



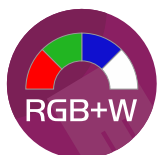
Specification	item number 10.541		XLED4 CV DALI INS
Operation Voltage	Pulse-proof constant voltage power supply		10...48V DC
Power loss	Standby / Operation (rated power) Efficiency		< 023W / 2 W 99,5%
Fuse			max. 16 A
Outputs	4 output channels		common anode (+)
Power consumption	Voltage	Current / channel	Current / total
	12V DC	4,4A	17,6A
	24V DC	4,4A	17,6A
	48V DC	2,2A	8,8A
PWM-frequency			130,2 / 488Hz
Operation- and indication units	SETUP-button, SELECT-button, STATUS-LED (all recessed)		
Connections DALI D1/D2 (-X1)	Push-in spring connection	0,2 ... 2,5 mm ² flexible or solid	
Connections power supply (-X2)	Screw connection Tightening torque max	0,2 ... 4 mm ² flexible or solid max. 0,6Nm	
Connections LED output (-X3)	Push-in spring connection	0,2 ... 1,5 mm ² flexible or solid	
Protocol input: DALI	IEC 62386-101/-102 (DALI-Version 1) Also compliant with IEC 60929 gear		IEC 62386-207, DALI device type 6 (LED Module)
	Quantity DALI short adresses		4 (1 each channel) 1-4 dynamic, Channel-Link*
	Current consumption from DALI		< 2mA / 9,5-22,5 V Manchester Code
Dimming method	0.1%-100% output characteristic according IEC 62386-102, additional DSI or linear selectable		
Alternative control	tastDIM** 230V AC touch over DALI-input		(all channels together)
Casambi	Bluetooth Low Energy		
Protection circuits	Short circuit shutdown with auto restart, thermal derating at overtemperature, overload shutdown		
Enviroment	Type of protection according DIN EN 60529 Protection class Temperature (ambient) ta Temperature (reference) tc Humidity		IP20 10mm/5KV II -20°...+40° Celsius 85° C 5 - 80% not condensing
Approbation	CE-Mark		
Mounting design	Installation housing Optional DIN-Rail mounting		ceiling-, wall- or cavity mounting
Dimensions	(height x width x depth) mm		62 x 113 x 27 mm
Lead-through opening			hole measurements 68 mm Ø
Venting	clearance of 25mm arround is necessary for sufficient air circulation		
Housing	Aluminium housing, Plastic cover black/grey		
Weight			0,200 kg
Customs	HS-Code/ TARIC-Number		85365005
Co-applicable documents	Quick guide, home automation users compendium		
Important: Notice all safety instructions and related documents for Installation and operation. Names, brandmarks, products or companies can be claimed. All rights are on their respective owners.			



One mounting design for all installation situations
Installation housing for installation in ceiling, wall or cavity and DIN-Rail mounting in distribution cabinets.



Casambi operation modes - fixtures:



Fixture: RGB+W

4 Channel

DALI DT6

4 DALI short address

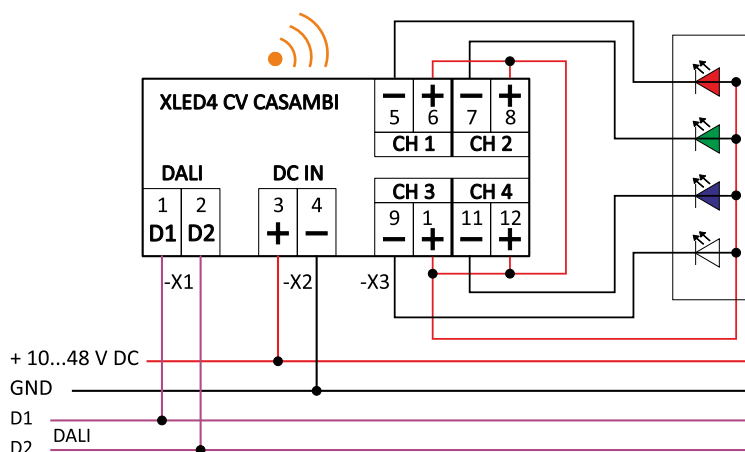


Fixture: 4 CH Standalone

4 Channel

DALI DT6

4 DALI short address



Fixture: TW - Tunable White

2 Channel

DALI DT8

2 DALI short address

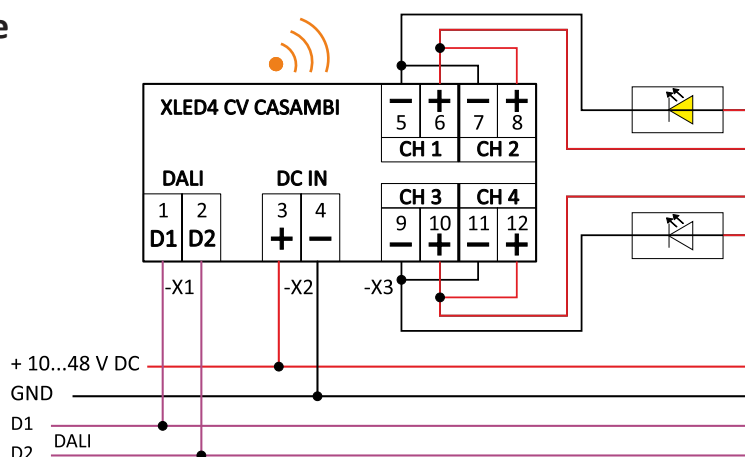


Fixture: 2 CH linked

2 Channel

DALI DT6

2 DALI short address



Fixture: 1 CH linked

Channel 1+2+3+4 linked

One single brightness controller

17,6 A Power

