withled
advanced led technology

CASAMBI

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FEATURES
- *DIMMER+DRIVER CASAMBI*
- *Input: DC 12-24 Vdc*
- *Command: APP CASAMBI*
- *Local Command: N°4 Push Buttons Normally Open (N.O.)*
- *Control: Dimmer White, Tunable White, Color RGB o RGBW*
- *Voltage or Current output for LED strip*
- *Typical efficiency > 95%*
- *Extended temperature range*
- *100% Functional Test*

Product description:
This DLX1224 at 4 channels with CASAMBI module allows to control all kind of leds: White, Tunable White, RGB and RGBW.
Through this device it is possible to adjust the luminous brightness, to create multiple color scenes and settle color games, thanks to all commands available on "CASAMBI APP". The device is also provide with 4 analog input (n°4 Push Buttons Normally Open) to control up to four different scenes.
With Casambi APP it is possible to control Led lights just from one view, by taking a photo of the lamps in a room, or by creating different scenarios.

Controllingallyourlampsfromoneview, it is possible to control all your lighting fixtures with one view, individually or as a group. For example it is possible create a group of lights within home (eg. bedroom, kitchen, etc..) as in the workplace (eg. offices, showroom, etc..) and turn all off / on or dim with just one tap

Controlyourlightsfromaphoto. It is possible to control only the lights you desire, just taking a photo of the room, and putting the icon of the lamp on the real position.
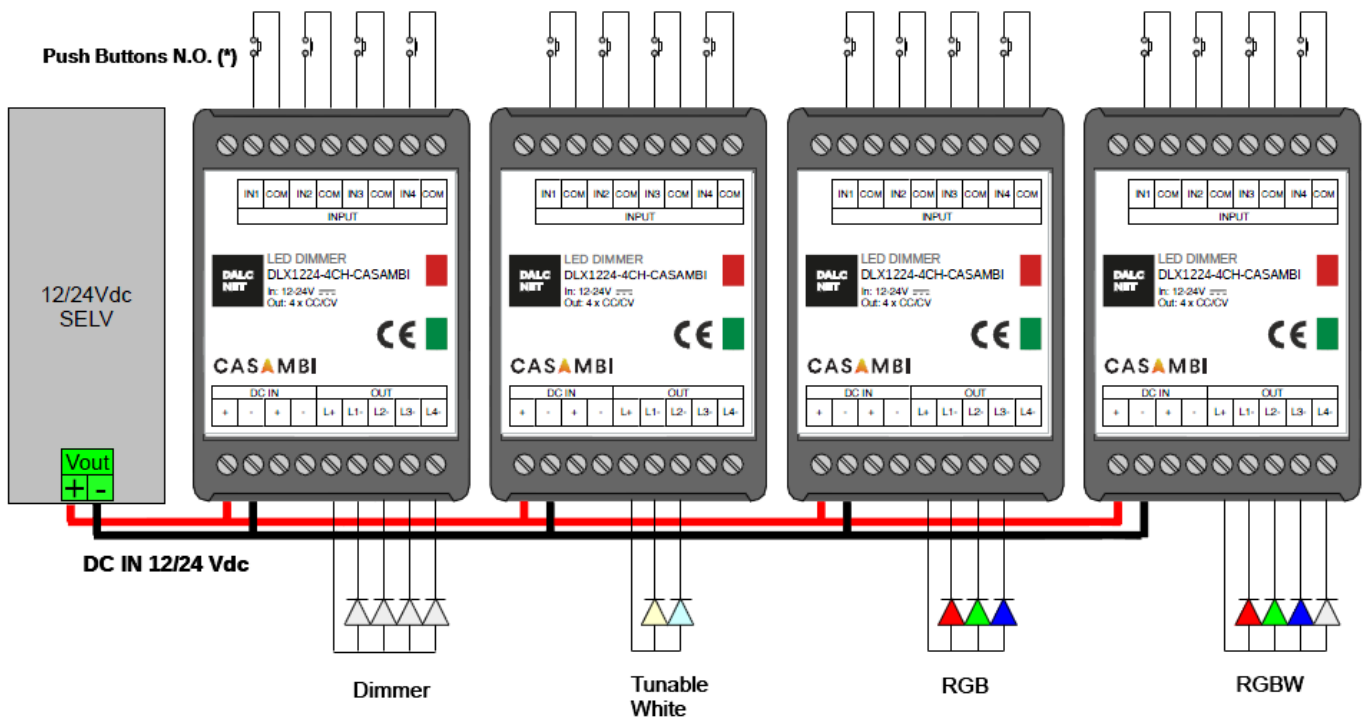
Createscenesfordifferentlightingsituations: Thanks to this function it is possible to create and store on the app many scenarios with different levels of brightness, different color temperature or RGB scenes.

Download the free Casambi APP on APP STORE and GOOGLE PLAY.
Necessary conditions for a correct function are:

- Devices with S.O. APPLE iOS 8.2 o later version
- Devices with S.O. ANDROID 4.4 o later version
- Normally Open Push Buttons (N.O.)
- Casambi App, download for free on App Store and Google Play

Installation

Push Buttons N.O. (*)

12/24Vdc SELV

Vout
+ −

DC IN 12/24 Vdc

| IN1 | COM | IN2 | COM | IN3 | COM | IN4 | COM |

INPUT

LED DIMMER
DLX1224-4CH-CASAMBI
In: 12-24V
Out: 4 x CC/CV

CE

CASAMBI

| DC IN | | | | OUT | | | | |
| + | − | + | − | L+ | L1- | L2- | L3- | L4- |

Dimmer

Tunable White

RGB

RGBW

Technical Specification

	Variants					
	Constant current				Constant voltage	
Supply voltage	DC min: 10.8 Vdc .. max: 26.4 Vdc					
Input current	max 2 A				max 10A	
Output voltage	min: Vin/4; max: Vin-0,9V				= Vin	
Output current	Variant 350mA		Variant 500mA		max 5 A/ch [1]	max 10 A total [1,3]
	350mA/ch	max 1,4 A total	500mA/ch	max 2 A total		
	1ch	Max 4ch	1ch	Max 4ch		
Nominal power[1] @12V	4,2W/ch	16,8 W	6W/ch	24 W	60W/ch	120 Wmax
@24V	8,4W/ch	33,6 W	12W/ch	48 W	120W/ch	240 Wmax
Thermal shutdown	150 °C				150 °C	
D-PWM dimming frequency	600 Hz [2]					
D-PWM resolution	833 Step [2]					
Operating frequencies	2,400...2,483 GHz [2]					
Maximum output power	4dBm [2]					
Storage Temperature	min: -40 max: +60 °C					
Ambient Temperature [1]	min: -10 max: +40 °C					
Protection grade	IP20					
Wiring	2.5mm² solid - 1.5mm² stranded - 30/12 AWG					
Mechanical dimension	88 x 54 x 25 mm					
Packaging dimension	106 x 59 x 36 mm					
Weight	80g					

[1] Maximum value, depends on the ventilation conditions.
[2] The values depend on the configuration of the Casambi module.
[3] For the voltage version the device provides max 10A ($I_{TOT} = I_{L1} + I_{L2} + I_{L3} + I_{L4}$). Each channel provides max 5A.