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THE gl&c SYSTEM

NDRV-CSBxxx-x (CV PWM DIMMER)

Bluetooth controllable PWM Dimmer

Features & Benefits:

- Bluetooth beacons
- 2 or 4 Channel programmable constant voltage outputs
- Constant current range - 100mA to 1000mA per channel
- Forward voltage range, 20-52VDC per channel
- Dimensions: 183mm x 49mm x 35mm

Product Description

Bluetooth enabled constant voltage PWM dimmer, for operation between 24VDC and 52VDC. Suitable for use with linear lighting, flexible tape & signage. Tunable white, warm dimming and RGBW configurations. Available in NEC Classes 1 or 2.

WARNING:
Cancer and Reproductive Harm
www.P65Warnings.ca.gov.

info@globallightingcontrols.com GL&C (800) 916-6874

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Bluetooth controllable 2-channel PWM Dimmer

Specifications:

DC Input:

Voltage range:	12-52 vdc (Class 1) 24-48 vdc (Class 2)

Channel output:

Class 1	5 amps per channel
Class 2, 24V	2 amps per channel
Class 2, 48V	4 amps per channel

Operating conditions:

Ambient temperature (ta)	-4°F to +113°F (-20°C to +45°C)
Max. case temperature (tc)	+158°F (+70 °C)
Storage temperature	-13°F to +158°F (-25°C to +70°C)
Humidity	0-80% non-condensing

Safety Compliance:

Ingress Protection	IP20 (indoor use only)
Protection Class	Class 1 or Class 2
UL Listed	

Mechanical:

Dimensions	183mm x 49mm x 35mm

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Specifications (Continued):

FCC Compliance Statement:
This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:
This device complies with FCC radiation exposure limits for an uncontrolled environment. This device shall be installed and operated with a minimum distance of 8” (20cm) between users or bystanders and the device.

FCC Interference Statement:
This equipment complies as a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy. If not used in accordance with manufacturer's installation guidelines, this device may cause harmful interference with other radio communications. Casambi provides no guarantee that interference will not occur in any particular installation.

Radiation Exposure Statement for Canada:
This device complies with Industry Canada’s license-exempt RSSs. Operation is subject to the following conditions:
(1) This device may not cause interference
(2) This device must accept any interference, including interference that may cause undesired operation of this device.
This equipment is exempt from the routine RF exposure evaluation requirements of RSS-102. This equipment should be installed and operated with a minimum distance of 20 cm between the antenna and the user or bystanders.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes:
(1) l’appareil ne doit pas produire de brouillage;
(2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.
Ce matériel n’est pas sujet à l’évaluation habituelle d’exposition RF selon RSS102. Ce matériel devrait être installé et exploité en gardant une distance minimale de 20 cm
entre l’antenne et l’utilisateur ou les spectateurs.

General Warning:
Changes or modifications not expressly approved by Casambi Technologies Oy will void all warranties and liability claims. This document subject to change without notice.

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Wiring Diagrams:

Ordering Information:

Qty:	Part Number:	Description:
	NDRV-CSB-24C2-2	2 Channel PWM Dimmer, 5A per channel, 10A max. 24VDC Input. 120-277VAC NEC Class 2.r
	NDRV-CSB-48C2-2	2 Channel PWM Dimmer, 5A per channel, 10A max. 48VDC Input. 120-277VAC. NEC Class 2.
	NDRV-CSB-48C1-2	2 Channel PWM Dimmer, 5A per channel, 10A max. 12-52VDC Input. 120-277VAC. NEC Class 1.
	NDRV-CSB-24C2-4	4 Channel PWM Dimmer, 5A per channel, 10A max. 24VDC Input. 120-277VAC. NEC Class 2.
	NDRV-CSB-48C2-4	4 Channel PWM Dimmer, 5A per channel, 10A max. 48VDC Input. 120-277VAC. NEC Class 2.
	NDRV-CSB-48C1-4	4 Channel PWM Dimmer, 5A per channel, 10A max. 12-52VDC Input. 120-277VAC. NEC Class 1.

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Typical Casambi System Diagram:

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