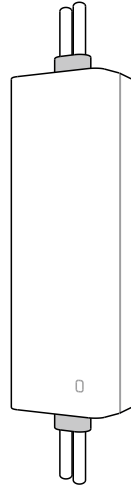


Casambi Ready DALI bus controller

Model No: HCB10/20 (-S)

AC 100-240V input
Built-in Dali power
Single color / CCT
Full protection



DALI

Dali bus ready



100-240V AC Power



Smart Control



Full Protection



Compact Size



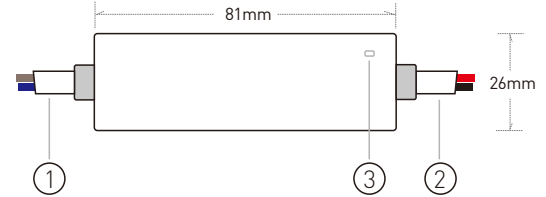
Waterproof Option



■ Introduction

The HCB10/20 DALI bus controller is designed to work with the Casambi app, it receives the Casambi app command and converts it to Dali bus format, then drives the standard Dali bus controlled single color or CCT LED drivers and fixtures. The power input voltage can be international AC power range, and the controller has a built-in Dali power supply which can drive Dali device directly with no need of extra Dali power supply. For waterproof, IP68 level is available on -S version and IP63 for standard version. The controller also has strong protection feature and a compact housing for easy and secure installation and ensure the reliability and durability of the application.

■ Dimension & Terminal



1. Power supply input

Connect to AC power supply. The controller accepts international power voltage from AC 100V to 240V. Please make sure the power is in this range and make sure the AC power is shutdown before connecting the cables. Please make sure the power cable is well insulated before power on. For waterproof application, extra waterproof treatment must be applied to the cable connections.

2. Dali bus output

Connect to Dali bus input of the driver or fixtures. The Dali output data format is in IEC 60929 format and all compatible drivers or fixtures connected to the Dali bus can response.

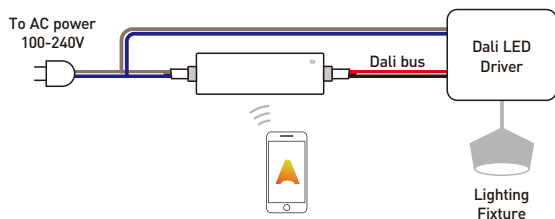
Please be noted that this controller is not compatible to an existing Dali network and do not install it to an existing Dali network.

Rayrun

3. Work status indicator

This indicator is hidden in the housing and it will light up with green color when the controller is working properly.

4. Wiring diagram



5. Protection function

The controller has protection function against wrong wiring, it can protect from damage when the Dali output is accidentally connected to AC power. The controller will not be damaged but may generate excess heat in this case. Please cut down the AC power and check the cable wiring if this occurs.

6. Waterproof

The -S version controller has IP-68 waterproof feature with glue injection finish. For overall waterproof performance, the cables must be waterproof treated separately.

Wireless signal degrade : The wireless communication ability could degrade when using at wet environment, please be aware that the wireless control distance will be shortened in such case.

7. Change model & function

The controller can be configured to single color or CCT model by Casambi app. The model can only be changed on unpaired controller, please tap on the unpaired controller icon on the start page of Casambi app and select the 'Change profile' to switch to the desired model.

■ Specification

Working voltage	AC 100-240V
Output	Dali bus
Dali output voltage	DC 10-17V
Dali power output current	50mA
Standby power	<0.5W
Wireless connection	CASAMBI protocol, @ 2.4GHz ISM band
Working temperature [Ta]	-20°C~+55°C
Dimension	81x26x20mm