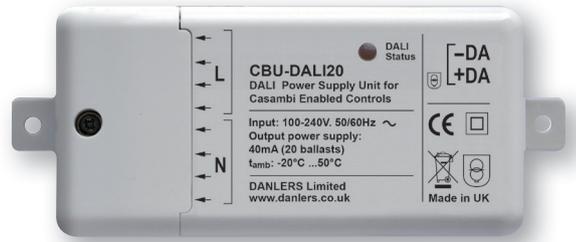


CBU-DALI20

DALI Power Supply Unit for use with Casambi controls

Input: 100-240 Vac 50/60Hz

CASAMBI



PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THE PRODUCT
NOTE: CBU-DALI20 is only compatible to work with CASAMBI enabled equipment

DALI Power Unit (CBU-DALI20) is designed for use with Casambi DALI dimmable devices. Configurable via the free to download Casambi APP on Google Play or Apple APP Store.



INSTALLATION

To be installed by a competent person with reference to BS 7671 or equivalent local standards. If in doubt consult a qualified electrician.

- Plan where the CBU-DALI20 is to be located (see diagram 1). Switch off supply and check for hidden cables and pipes.
- The CBU-DALI20 should be connected as shown in diagrams 1 and 2:

L - Live in. N - Neutral in.
DA₁ - DALI (polarity independent)
DA₂ - DALI (polarity independent)

OPERATION

To control the lighting load (or other connected load) the load must be wired to the CBU-DALI20 switching relay as shown in diagrams 1 and 2.

The lighting can then be controlled wirelessly via other Casambi enabled controls and configured by the Casambi App.

PRECAUTIONS

- Ensure wires and cables are securely held within the connection terminals.
- Please ensure the most recent edition of the appropriate local wiring regulations are observed and suitable protection is provided e.g. 10 amps over current, 1kV over voltage.
- Disconnect the CBU-DALI20 from the circuit before performing insulation testing of the wiring circuit.**

5 YEAR WARRANTY

CBU-DALI20 comes with a 5 year warranty from the date of manufacture and is CE marked.

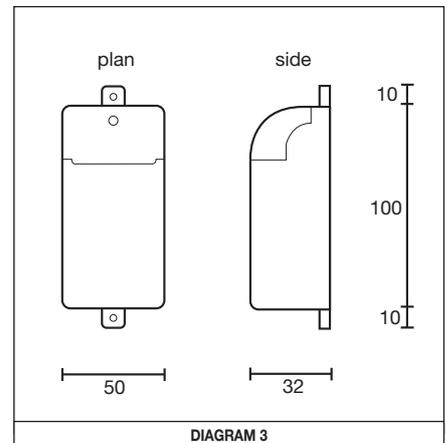
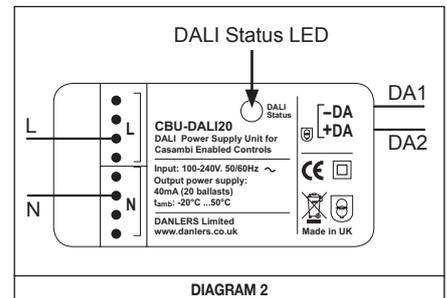
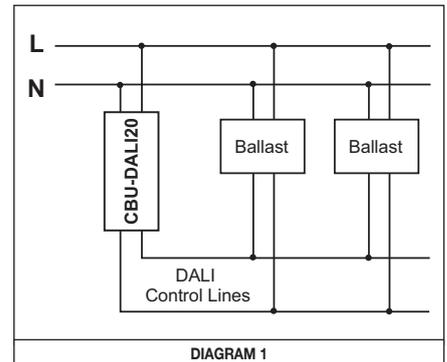


TECHNICAL DETAILS

INPUT	
Voltage:	100 - 240Vac
Frequency:	50/60Hz
Max. mains current:	20mA
Standby current:	16mA
OUTPUT	
Output:	DALI
Output Current:	40mA
RADIO TRANSCEIVER	
Operating frequencies:	2.4... 2,483 GHz
Max. output power:	+4 dBm
OPERATING CONDITIONS	
Note: The temperature difference between the detection target and the background must be at least 4 °C.	
Ambient temperature:	-20... +50 °C
Storage temperature:	-25... +75 °C
Max. relative humidity:	0... 80%, non cond.
CONNECTORS	
Terminal block Wire size:	0.5mm ² - 2.5mm ² solid or stranded
Wire strip length:	6-7mm
Tightening torque:	0,4 Nm/4 Kgf.cm
MECHANICAL DATA	
Dimensions:	120mm x 50mm x 32mm
Weight:	112g (unpacked)
Degree of protection:	IP40
Protection class:	Built-in Class 2
Material (casing)	Flame-retardant polycarbonate
Finish / Colour	Matt /White (RAL 9003)
Protection class:	Built-in Class 2
CONFORMITY AND STANDARDS	
EMC emission:	EN60669-2-1:2004 inc. A12:2010
EMC immunity:	EN60669-2-1:2004 inc. A12:2010
Safety:	EN60669-2-1:2004 inc. A12:2010
Environment:	Complies with WEEE and RoHS directives

Glow wire test: According to EN 60598-1 passed.

DALI standard: CBU-DALI20 is designed to supply control gear with DALI standard IEC 60929 (DALI VO) and IEC 62386 (DALI V1).



DANLERS Limited, Vincients Road, CHIPPENHAM, Wiltshire, SN14 6NQ, UK.
Telephone: +44 (0)1249 443377 Fax: +44 (0)1249 443388 E-mail: sales@danlers.co.uk
www.danlers.co.uk

Company Registered Number 2570169 VAT Registration Number 543 5491 38

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