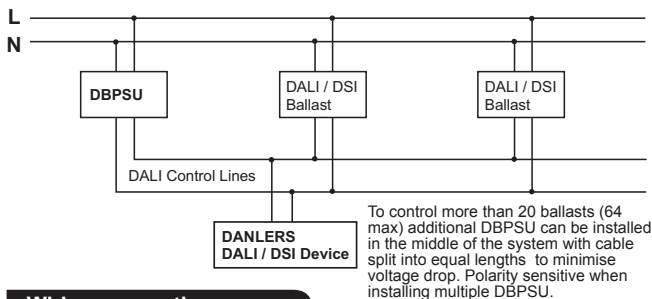
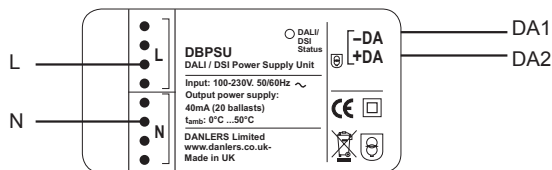


## Circuit Diagram



## Wiring connections



## Precautions and Warranty

This product conforms to EN 60598-1 and DALI standard IEC 60929 (DALI VO) and IEC 62386 (DALI V1).

Please ensure the most recent edition of the appropriate local wiring regulations are observed and suitable protection is provided (protected with the appropriate MCB) 1kV over voltage. Please ensure that this device is disconnected from the supply if an insulation test is made.

This product is covered by a warranty which extends to 5 years from the date of manufacture.

## Products available from DANLERS

- PIR occupancy switches • Daylight linked dimmers • Manual high frequency dimmers
- Photocells • Radio remote controls • Time lag switches • Outdoor security switches
- Dimmers • Heating, ventilation and air-conditioning controls • Bespoke / O.E.M. products

Please call for more information or a free catalogue, or visit our website.

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Company Registered Number 2570169 VAT Registration Number 543 5491 38



# DANLERS

## Installation notes

### DALI / DSI Power Supply Unit

#### DBPSU

DALI / DSI Power Supply Unit (DBPSU) is designed for use with DANLERS DALI or DSI dimmable devices.

The DALI / DSI Power Supply Unit is rated at 40mA (DALI standard allows 250mA maximum). The controls interface of a DALI ballast normally sources at 2mA.

Individual DALI / DSI circuits must not exceed 40mA.

Standard 2-core mains cable of minimum gauge 1.5mm<sup>2</sup> is recommended.

The maximum cable length of the DALI / DSI signal wires must not exceed 300m or drop more than 2V on the signal line voltage.

To minimise voltage drop on the cable, the DBPSU can be installed at the middle of the system so the cable is split into 2 equal lengths.

## Technical Data

Supply Voltage: 120-240V

Supply Frequency: 50/60Hz

Supply Load: 4W maximum

Output: DALI / DSI

Output Current: 40mA

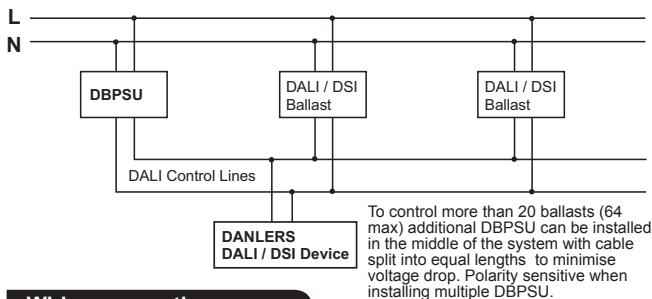
Output Voltage Load Off: 18V maximum

Ambient temperature: 0-50 °C maximum permitted.

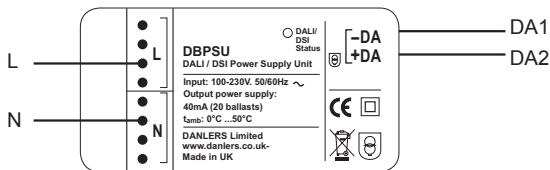
**Glow wire test:** According to EN 60598-1 passed.

**DALI standard:** DALIPS is designed to supply control gear with DALI standard IEC 60929 (DALI VO) and IEC 62386 (DALI V1).

## Circuit Diagram



## Wiring connections



## Precautions and Warranty

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