

SolarInnovate Energy Solutions

DAI outdoor power pairing



Overview

How do I connect a Dali power supply?

Connect the AC mains supply (brown/blue wire), as well as the DALI data lines (grey screw terminal). In delivery state, pairing mode will be active after the power supply has been established. This is indicated by the status LED flashing red/green/orange. Then follow the pairing procedure on the Air Interface.

What is a DALI bus power supply?

Lunatone bus power supplies (DALI PS) are available for various applications, with currents from 30mA up to 250mA and different housing types. A maximum of 64 addresses can be assigned on the DALI bus. Every DALI system requires a DALI bus supply for the DALI communication of the connected controls, sensors and operating devices.

How do I install a DALI device?

Install the device in a suitable installation box. Connect the AC mains supply (brown/blue wire), as well as the DALI data lines (grey screw terminal). In delivery state, pairing mode will be active after the power supply has been established. This is indicated by the status LED flashing red/green/orange.

What are DALI products?

DALI products may include conventional DALI lighting, emergency lighting, RGB colour changing control gear, switches, sensors and interface devices. Each of these DALI devices draw power from the DALI line which must be provided by a DALI power supply.

What is Dali system wiring?

DALI system wiring is only single insulated from mains. Treat DALI wiring the same as mains wiring. There are no user serviceable parts inside the power supply. Do not attempt to disassemble or operate the device with any covers

removed. This DALI power supply is for indoor use only.

Can A DALI 2 expander be used as a power supply?

The DALI-2 Expander can be used as main power supply for a DALI system (200mA). In addition to all the functions of a normal power supply, the entire DALI system can be controlled with a pushbutton (SW&DIM input) to send commands to all devices in the sub-line (broadcast). The factory settings are: on/off, dimming.

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