

DCDALCIP250-2

DALIcontrol Intelligent Dual Power Supply & Dual Serial Interface



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Introduction

The new DCPALCIP250-2 Intelligent Dual Power Supply & Dual Serial Interface provides a quick and easy installation solution for providing power and serial connectors to DALI lines.

The device includes features such as in built broadcast ON/OFF, random addressing and cycle testing that permits an installer to fully commission the DALI lines independently of any control system.

Installation

The Dual DALI Power supply is rated at 235mA per line. The DALI control interface in a DALI ballast (or DALI Electronic Control Gear) typically sources 2mA from the DALI Line. Therefore the maximum 64 individual addresses on a DALI Line will source 128mA. The remaining 107mA can be used to power DALIcontrol devices such as the DCDAL3xM Switches and DCDALMS360 Multi-Sensors.

Note:

By regulation, any DALI installation cannot be treated as SELV. Therefore the same procedures should be applied as working with mains voltage.

- An individual DALI line must not exceed 250mA
- The maximum cable length of the DALI line must not exceed 300m or drop more than 2V on the signal line voltage when using 1.5mm² cable.

Features

- Dual 235mA DALI power supply
- Dual DALI serial interface
- Broadcast ON/OFF override button for each line
- Line status LEDs
- Random address button for each line
- Cycle testing for each line

Operational Information

Supply voltage	110/240 V a.c.
Supply frequency	50/60 Hz
Output	DALI
Maximum output current	235mA per Line
Ambient temperature	0-50° C
Relative humidity	0-90% non-condensing
Mounting	DIN rail

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