

# DALIcontrol™

Data Sheet

## DCDALCIP250-2

# DALIcontrol Intelligent Dual Power Supply & Dual Serial Interface



DCDALCIP250-2

### 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 1.5mm<sup>2</sup> 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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