

elitedali™ - for Niagara

smart lighting controls

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elitedali PS2 DALI Power Supply Datasheet

Introduction

CNS continues to work with all DALI® product manufacturers to ensure the widest range of DALI products is available to the global Niagara community that are suitable for use with **elitedali** for Niagara.

This power supply is manufactured by Tridonic AG who is one of the world's leading DALI product manufacturers. It is fully compatible with the DALI Open standards specification and is designed to provide 240mA of power on a single DALI network.



Features

- ◆ Supplies a maximum of 240 mA at 16.0V DC to a single DALI network
- ◆ Short circuit protected
- ◆ Over temperature protected
- ◆ DIN rail mounted
- ◆ Compact design only 35mm, 1.4" wide
- ◆ Mains Input power supply voltage of 220 – 240 VAC

Specifications

Technical Data – Dali Single Network Power Supply/ Electrical	
Mains Input Power	220 – 240 VAC, 50 – 60 Hz
Dali network output	16 VDC ±5% @ 240 mA (nominal)
Isolation	3KV
Technical Data – Serial Interface/ Environmental	
Operating temperature range	0..+50 °C
Storage temperature range	0...+70 °C
Relative humidity	0...90 % rel. annual average (non-condensing)
Environmental protection	IP 20 (housing)

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Connections	
Mains Power	screw terminals, 0.2...2.5 mm ² (stranded), 0.2...4.0 mm ² (solid)
DALI network	0.5 mm ² - 1.5 mm ² stranded or solid core

DALI Power Supply Mounting Advice

We cannot provide precise mounting recommendations to installers, as we cannot anticipate every application or site condition.

However this datasheet presents, graphically above, the orientation in a pictorial way to indicate installation requirements of this unit.

These products should be installed into enclosures using what is generally considered good practice, and ensure that products which do generate heat are always mounted vertically to aid convection cooling (din rail horizontally) and spaced appropriately to avoid heat build-up from adjacent units.

Consideration should also be given to the type of enclosure used, to ensure maximum temperature ratings are not exceeded.

Order Details

Description:

elitedali DALI Power Supply

Part No:

elitedali.PS2DALIPSU

Additional **elite**dali compatible DALI products are also available, [click here](#) for more details.

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