

elitedali™ - for Niagara

smart lighting controls

www.elitedali.com

elitedali C 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 another major DALI manufacturer in the UK. It is fully compatible with the DALI Open standards specification.



Features

- ◆ Compact in-line mounting
- ◆ Single DALI network power supply
- ◆ DALI output maximum 200mA at 16VDC SELV
- ◆ Internal LED indicating healthy output voltage

Specifications

Technical Data – Dali Single Network Power Supply/ Electrical	
Mains Input Power	220 – 240 VAC, 50Hz
Dali network output	16 VDC ±2V SELV
Technical Data – Serial Interface/ Environmental	
Operating temperature range	0..+35 °C
Storage temperature range	0...+70 °C
Relative humidity	5 to 95% non-condensing
Environmental protection	Flame retardant polycarbonate
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

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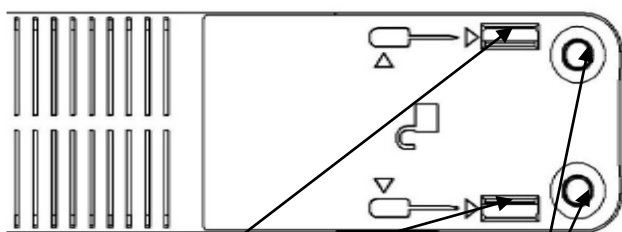
Compliance:

EMC-2004/108/EC
LVD-2006/95/EC
EN 60950-1: 2006 + A1: 2010



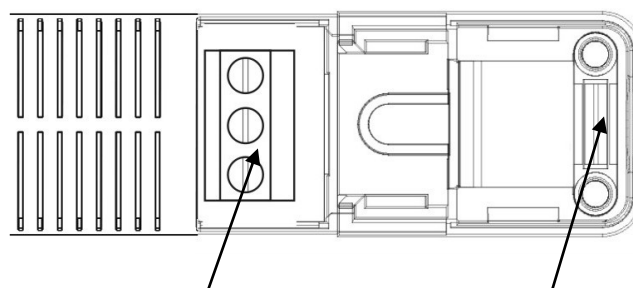
Mounting Instructions

- ◆ Remove terminal covers by unscrewing the clamp screws and inserting a small flat-bladed screwdriver into the slots shown in the diagram below.
- ◆ Affix the DM-SL-PSU using the fixing slots shown in the diagram below. The fixing slots are suitable for M4 screws.
- ◆ Wire unit using the screw terminals. The screw terminals are suitable for solid core or stranded cable up to 2.5mm². Maximum cable OD 10mm.
- ◆ Ensure that the main cable sheathing is over the cable clamp area.
- ◆ Clip on the terminal covers.
- ◆ Insert the clamp screws and screw up until the cable is firmly clamped



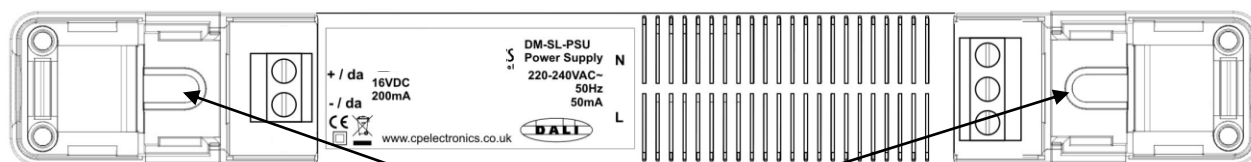
Release slots

Clamp screws



Screw terminals

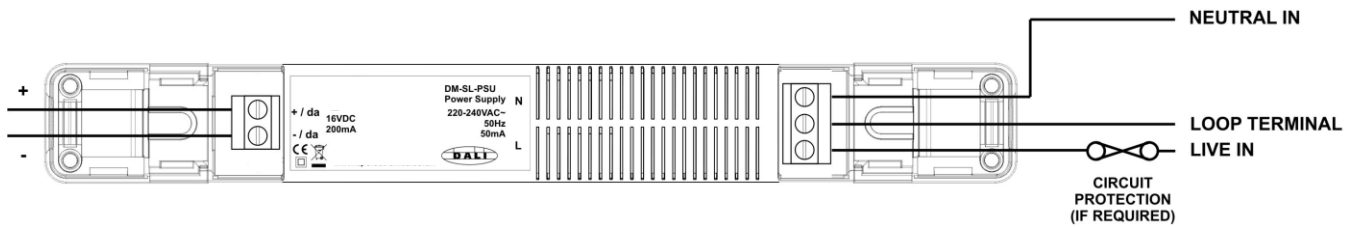
Cable clamp area



Fixing points

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Wiring Instructions



Order Details

Description:

elitedali Inline DALI Power Supply

Part No:

elitedali.CDALIPSU

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

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