

# - *elitedali for Niagara AX*<sup>®</sup>

[www.elitedali.com](http://www.elitedali.com)

## *elitedali- H DALI*<sup>®</sup> Power Supply Datasheet

### Introduction

CNS is and plans to continue to work with all open standards DALI product manufacturers to ensure the widest range of DALI products is available to our **Certified elitedali Partners (CeP)** that are suitable for use with **elitedali for Niagara AX**<sup>®</sup>.

This power supply is manufactured by Helvar Oy 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 the maximum power allowable on a single DALI network of, 250mA.



### Features

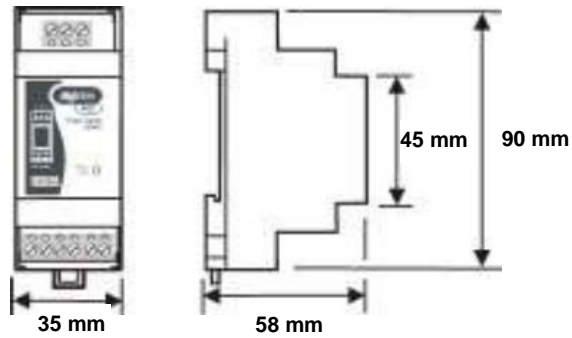
- ❖ Supplies a maximum of 250 mA at 22V DC to a single DALI network
- ❖ Short circuit protected
- ❖ Over temperature protected
- ❖ DIN rail mounted
- ❖ Compact design only 35mm, 1.4" wide
- ❖ Status LED for DALI data traffic
- ❖ Universal Input power supply voltage of 85 – 264 VAC

### Specifications

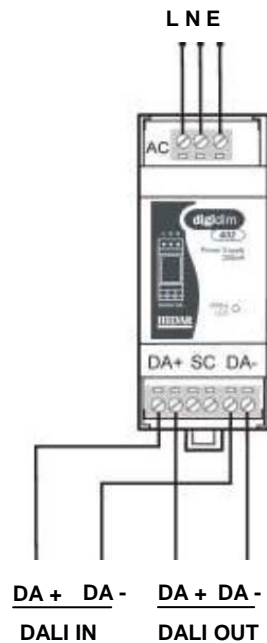
Technical Data – Dali Single Network Power Supply/ Electrical	
Mains Input Power	85 – 264 VAC, 48 – 62 Hz
Dali network output	22 VDC nominal @ 250 mA (nominal)
Isolation	3KV
Technical Data – Serial Interface/ Environmental	
Operating temperature range	0..+40 °C
Storage temperature range	-10...+70 °C
Relative humidity	0...90 % rel. annual average (non-condensing)
Environmental protection	IP 30 (housing)
Connections	
Mains Power	screw terminals, 0.2...2.5 mm <sup>2</sup> (stranded), 0.2...4.0 mm <sup>2</sup> (solid)
DALI network	0.5 mm <sup>2</sup> - 1.5 mm <sup>2</sup> stranded or solid core

# elitedali Multidrop Connectivity Kit Datasheet

## Dimensions



## Connections



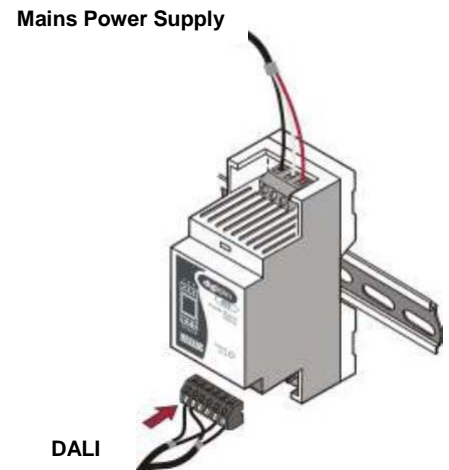
## Conformity & Standards

Emission	EN 50 081- 1
Immunity	EN 61 547
Safety	EN 60 950

## DAI Power Supply Installation

Mains external mains supply to the unit must be protected.

It is recommended that a 2A MCB is used.



## Order Details

Description:

elitedali DALI Power Supply

Part No:

elitedali.HDALIPSU

CNS can also supply *elite DALI® Solutions* and DALI® compatible Presence, Light level and Power Supply products as follows –

elitedali MultiSensor

– Presence and light level, [click here](#)

elitedali Multidrop Connectivity Kit

– [click here](#)

elitedali 3 Channel Relay

– Control of non intelligent loads, [click here](#)



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