



- *elitedali for Niagara AX*®

www.elitedali.com

elitedali.PS2 DALI Power Supply Unit Datasheet







Introduction

CNS is and plans to continue to work with all DALI product manufacturers to ensure the widest range of DALI products is available to the Tridium community that are suitable for use with *elitedali for Niagara AX*.

This power supply is manufactured by Tridonic AG who are 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 16.0V DC to a single DALI network
-  Short circuit protected
-  Over temperature protected
-  DIN rail mounted
-  Compact design only 35mm, 1.4" wide
-  Universal 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)
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



elitedali.PS2 DALI Power Supply Unit Datasheet

Order Details

Description:

elitedali DALI Power Supply

Part No:

elitedali.PS2DALIPSU

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](#)

Contact Details

Control Network Solutions Ltd

Studio 7, Intec 2, Intec Business Park, Wade Road
BASINGSTOKE,
Hampshire, RG24 8NE, England

Tel: +44 (0) 1256 818700

Fax: +44 (0) 1256 812520

Email: cns@control-network-solutions.co.uk

Web: <http://www.control-network-solutions.co.uk>

Web: <http://www.elitedali.com>

eLighting, *elitedali* and *eDIM* are the trademarks of Control Network Solutions lighting control family of products for Niagara AX. Tridium, Niagara AX, JACE and Niagara AX Framework are the registered trademarks of Tridium Inc. DALI is the registered trademark of the DALI.ag.org Standards organisation.

No part of this publication may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, in part or in whole, without prior permission of Control Network. We reserve the right to make changes without notice to any products herein as part of its continued product development and improvements. We do not assume any liability arising out of the application or use of any product or circuit described herein.