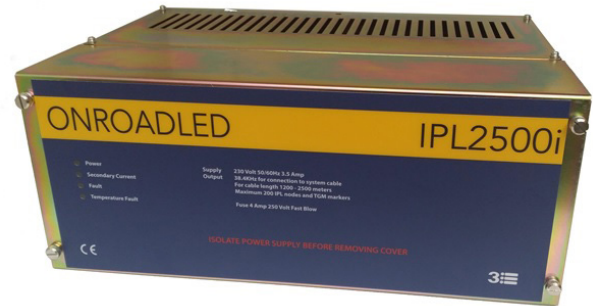


IPL2500i INDUCTIVE POWER SUPPLY

230V power supply for inductively powered LED systems

Product Code: IPL2500i



Features

- Designed for IPL cable lengths between 1200m and 2500m.
- Capable of powering up to 200 IPL Nodes and TGM markers or 200 IPL/IPX LED markers
- Electrical cabinet backplate or 19" Rack Mountable
- Intelligent control functions included

Product data

Functionality

Power Supply Control: 8 contacts, controlled direct or via relay, PLC, MODBUS or PROFIBUS network
Intelligence Operation: Fully addressable. Flashing, Switching and Dimming. Independent or group control
Standard Dimming Levels: 50%, 80%, 100% (other available on request)

Electrical Specification

Electrical Input

Supply Voltage: 230V, 50Hz-60Hz, Single Phase
Supply Current (max): 3.5 A
Power Factor: Approximately 0.96
Power Consumption: 850 W
Primary Supply Fuse: 4 A

Electrical Output

Frequency Range of Power Transmission: 38.4 kHz +/- 2%
Typical Cable Current: 2 A
Typical Cable Voltage: <400V

Compliance

Regulatory Approvals: CE certified
Standards and International Approvals: EN 300330-2 V1.5.1
EN 301489-1 V1.9.2
EN 301489-3 V1.6.1
EN 62233:2008
EN 60950-1:2006+A11:2009
+A1:2010+A12:2011+A2:2013

CE marking: YES
RoHS: YES

Connectivity

Input Supply Connector: Standard Male IEC 10A
Output Connector: Terminal blocks
Digital I/O: 8 input, 4 output
RS232 I/O Connector: Customer opto-isolated interface

Operating Environment

Operating Temperature: -15°C to 65°C
Humidity: 10% to 95%
Cooling: Convection

Installation

Orientation: Horizontal (4u x19" Rack Mount)
Installation Environment: Min. IP55 rated control cabinet
Method of Attachment: Secured by 4 bolts to vertical or horizontal surface

Product Dimensions

Length: 176mm
Width: 430mm
Height: 320mm

Product Data

Full product code: IPL2500i
Full product name: IPL2500i Inductive Power Supply
Pieces per pack: 1
Packing configuration: Horizontal
Packs per outerbox: 1
Net weight per piece: 13.5kg
Made in New Zealand



sales@smartcitystreets.com
+64 (9) 478 4613
www.smartcitystreets.com

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