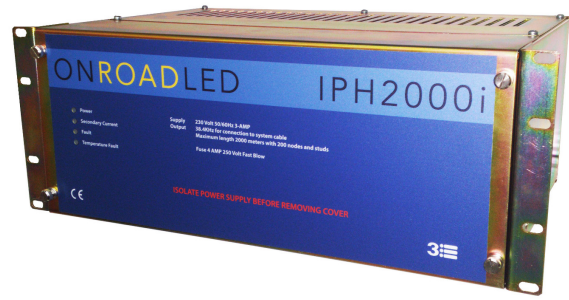


IPH2000i INDUCTIVE POWER SUPPLY

230V power supply for inductively powered LED systems

Product Code: IPH2000i



Features

- Capable of powering 2000m of IPH cable
- Capable of powering 200 IPH Nodes and ONROADLED 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 +/- 0.1%
Typical Cable Current: 4 A
Typical Cable Voltage: <200V

Compliance

Regulatory Approvals : CE certified
Standards and International Approvals: EN 300330-2 V1.5.1
EN 301489-1 V1.9.2
EN 301489-3 V1.4.1
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 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: 176 mm
Width: 430 mm
Height: 320 mm

Product Data

Full product code: IPH2000i
Full product name: IPH2000i Inductive Power Supply
Pieces per pack: 1
Packing configuration: Horizontal
Packs per outerbox: 1
Net weight per piece: 14 kg
Made in New Zealand



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