

Bently Nevada 3500 Series Service Manual

129478-01

1. Description

Manufacturer : Bently Nevada

3. Product Information

Manufacturer : Bently Nevada

Product No. : 3500/15 129478-01

Product type : Legacy High Voltage DC Power Input Module

Made in U.S.A

High Voltage DC

Description

This option uses the High Voltage DC Power Supply and the High Voltage DC Power Input Module (PIM).

Input

voltage 88 to 140 Vdc

Current Information

Out of

Range

Protection

For all power supply options, an under-voltage does not harm the supply or the PIM.

An over-voltage causes the fuse to open on the PIM.

Full Rack Current Draw

High

voltage DC 2.5 A (maximum)

Outputs

Front Panel LEDs

Supply

OK LED

Indicates when the power supply is operating properly

Physical

Power Input Modules

Dimensions

(Height x

width x

depth)

120.7 mm x 25.4 mm x 114.3 mm

4.75 in x 1.0 in x 4.5 in

Weight 0.34 kg

0.75 lb

Rack Space Requirements

Power

supply

module

Two half-height slots are located on the left side of the rack. Each slot accommodates one power supply. Both slots can hold a power supply at the same time, allowing for redundant power supplies

Miscellaneous

Minimum

loading

No minimum rack load is required.

Environmental Limits

Operating

temperature

-30 °C to +65 °C

-22 °F to +150 °F

Storage

temperature

-40 °C to +85 °C

-40 °F to +185 °F

Humidity 95%, non-condensing

Compliance and Certifications

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

I This device may not cause harmful interference.

I This device must accept any interference received, including interference that may cause undesired operation.

EMC

European Community Directive:

EMC Directive 2014/30/EU

Standards:

EN 61000-6-2; Immunity for Industrial Environments

EN 61000-6-4; Emissions for Industrial Environments

Electrical Safety

European Community Directive:

LV Directive 2014/35/EU

Standards:

EN 61010-1

RoHS

European Community Directive:

RoHS Directive 2011/65/EU

Maritime

DNV GL rules for classification – Ships, offshore units, and high speed and light craft

ABS Rules for Condition of Classification, Part 1

I Steel Vessels Rules

I Offshore Units and Structures

