PoE 4-Pairs Splitter Installation Guide
PowerDsine PD-AS-951G/18

Technical Support

If you encounter problems when installing or using this product, please consult the Microsemi website at:
http://www.microsemi.com/PowerDsine/Support/

Ordering Number:

PD-AS-951G/18: for 10/100/1000Base-T

Installing the Unit

1. Ensure terminal is capable of receiving up to 18VDC.

2. Mount the Power over Ethernet (PoE) Splitter as close as possible to the terminal.

3. Connect an Ethernet cable from the Splitter's "LAN OUT" output jack to the terminal's Ethernet input.

4. Connect an Ethernet cable from the PoE Midspan port to the Splitter's "LAN IN" input jack.

5. Verify Splitter's "PWR" LED is turned on:

   - Green for 4 Pairs Midspan
   - Orange for 2 Pairs Midspan

6. Verify that the terminal powers up.

Specifications

LAN IN Input
PD-AS-951G/18: 10/100/1000Base-T

LAN OUT Output
PD-AS-951G/18: 10/100/1000Base-T
DC OUT Output

PD-AS-951G/18
Internal pole: Positive (+) Vdc
External pole: Negative (-) Vdc
DC barrel connector: 3.4 x 1.35 mm

Power Ratings
Input Voltage: 42 ~ 57 Vdc
Input Current: 720 mA max. for each pair.
Output Voltage: 18 Vdc
Peak Output Current: 3.3 A
Peak Output Power: 60W max.
Continuous Output Current: 3A.
Continuous Output Power: 54W max.
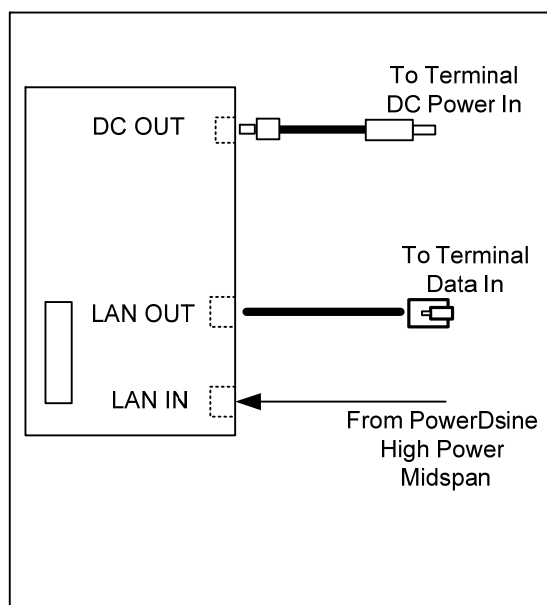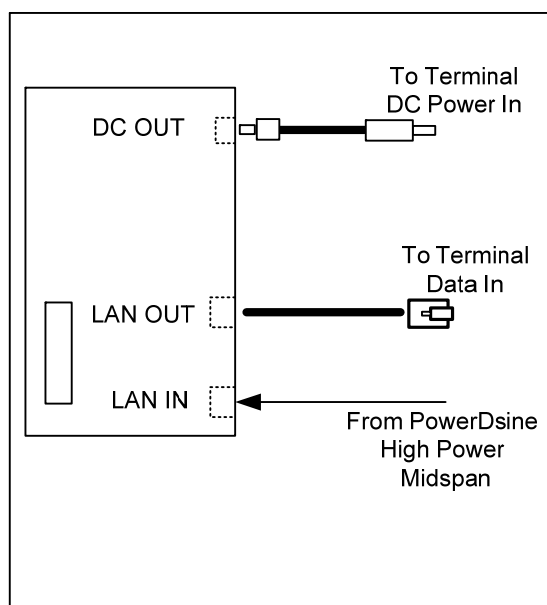
Physical Dimensions
Height: 38 mm (1.49 in.)
Width: 73 mm (2.87 in.)
Depth: 130 mm (5.12 in.)

Environmental Requirements
Operating Temperature: 0° C to +40° C
Storage Temperature: -20° C to +70° C
Humidity: up to 90%

EMC
EN55024

Figure 1: Splitter Connections