Altronix VB Series Power Voltage Boosters Installation Guide

VB Series
Power Boosters
Installation Guide

Contents

Overview:

The unit converts a 12VDC-24VDC input into a regulated 24VDC ouput.

Altronix Model Number	Output	Input	Cable Assembly	Terminal Block
VB1	24VDC @ 0.75A	12VDC – 24VDC	√	–
VB1T	24VDC @ 0.75A	12VDC – 24VDC	–	√

Specifications:

Input:

- 12VDC-24VDC input.

Output:

- 24VDC @ 0.75A.
- Electronically filtered and regulated output.
- Built-in overload protection.

LED Indicators:

- Power LED.

Applications:

- Compensates for voltage drop due to long wire runs.

Applications (cont'd):

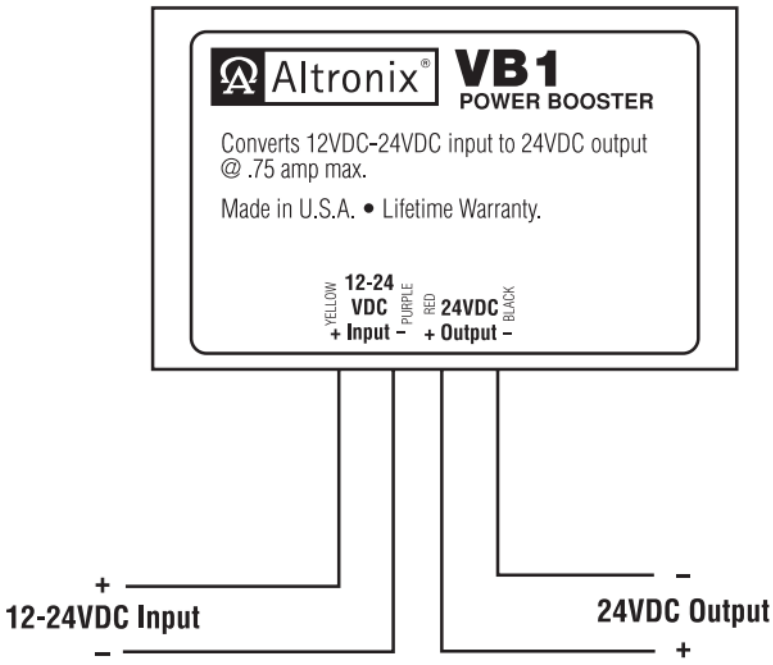
- Power for 24VDC Access Control devices from a 12VDC power source.

Mechanical:

- High-impact insulated housing.
- Compact design allows for integration in a wide range of camera housings.

Dimensions (L x W x H approx.):
1.625" x 2.375" x 1" (41.3mm x 60.3mm x 25.4mm).

Fig. 1



Installation Instructions:

1. Mount the unit in the desired location.
2. a. VB1: Connect Yellow (positive) lead and Purple (negative) lead to 12VDC to 24VDC source. Observe polarity.
   b. VB1T: Connect 12VDC to 24VDC source to the terminals marked [Input +] and [Input –].
3. Measure output voltage and check polarity before connecting devices in order to avoid potential damage.
4. a. VB1: Connect Red lead [Pos. +] and Black lead [Neg. –] to 24VDC device to be powered.
   b. VB1T: Connect 24VDC device to be powered to terminals marked [+ DC –].
5. LED will illuminate when power is present.

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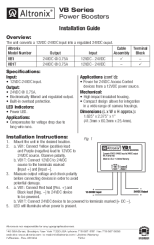
web site: www.altronix.com | e-mail: info@altronix.com | Lifetime Warranty
IIVRseries – Rev. 081004
F23U

Documents / Resources

	**Altronix VB Series Power Voltage Boosters** [pdf] Installation Guide VB Series, Power Voltage Boosters, Voltage Boosters, Power Boosters, VB Series, Boosters

References

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