



3312VC & 3324VC - Voltage Converters

Rev. 09/01/15

ETA Line

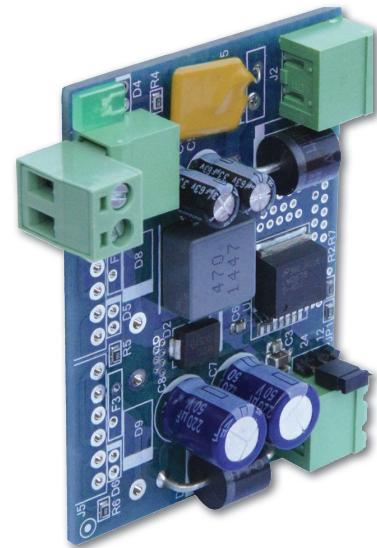
Overview

Some of BAPI's ETA products require regulated power of 12 or 24 VDC, including the FOX - RS-485 Fiber Optic Transceiver and the RPTR - RS-485 Repeater. The 3312VC and 3324VC Voltage Converters can provide the 12 or 24 VDC regulated voltage required by the other ETA units. The 12 or 24 VDC output is field selectable via a jumper on the circuit board.

The 3312VC and 3324VC can be mounted in two ways. In the first method, the units plug vertically into a BP4 or BP8 Backplane like a standard interface device. The voltage converter receives its supply power from the Backplane which is supplied by a PS17 - 33VDC Power Supply or other power supply.

The 3312VC and 3324VC can also be mounted in snaptrack. The unit is then powered with a two-wire connection from the PS17 - 33VDC Power Supply or other power supply.

If the 3312VC is powering a FOX or RPTR module, the 12 VDC output from the 3312VC is sent to a RBP - Communications Repeater Backplane or SRBP - Single Repeater Backplane. The Repeater Backplane then provides power, communications and mounting for the FOX and RPTR modules.



3324VC - Voltage Converter

<u>Part Number</u>	<u>Description</u>
BA/3312VC	Voltage Converter (12VDC Output)
BA/3324VC	Voltage Converter (24VDC Output)

See end of Section G for list pricing.

Associated Products

PS17 or PS17CB
Power Supply
(p. G19)

RBP or SRBP
Repeater Backplanes
(p. G30-32)

BP8 or BP4
Interface
Backplane (p. G16)

TRK18
Snaptrack
(p. G18)

Specifications

3324VC plugged into a
BP4 Backplane

Input Voltage:
16 to 36 VDC for 12 VDC Output (BA/3312VC)
28 to 36 VDC for 24 VDC Output (BA/3324VC)

Input Current: 1.4A Max at 28 VDC

Output Voltage: 12 or 24 VDC \pm 0.25 VDC

Output Current: 1.5 Amp Max (30VA max)

