

ETA Line

Rev. 03/20/2006

Overview

The VC2700-STM is a 2.75" snaptrack-mountable 2.7 amp power supply. The unit takes a 24 VAC input and converts it to a regulated and adjustable output of 3-24 VDC or a fixed output of 5 or 15 VDC.

The unit also has a filtered, unregulated 24 VAC output tap drawn from the 24 VAC input. Both the 24 VAC and the VDC outputs are routed through independent ON-OFF rocker switches. The switches allow you to remove power from the AC or DC loads without disturbing the other circuit.

There are status LEDs for 24 VAC IN, 24 VAC OUT, VDC OUT and VDC FAULT (indicating that the resettable circuit breaker has tripped). The user can determine at a glance whether there is a problem with the HVAC system power and where the problem exists. The resettable circuit breaker eliminates the need to carry fuses.

This unit has removable terminal block plugs at all inputs and outputs to simplify wiring. The unit can also be plugged directly into the BP2, BP4 or BP8 Backplanes of the ETA line to provide power to a variety of ETA modules or other peripherals, and features a user-selectable full wave or half wave rectification.



VC2700-STM - Voltage Converter mounted in the optional snaptrack

<u>Part Number</u>	<u>Description</u>
BA/VC2700-HW-STM	2.7 Amp Voltage Converter, Half-Wave, Snaptrack Mountable
BA/VC2700-FW-STM	2.7 Amp Voltage Converter, Full-Wave, Snaptrack Mountable

Specifications

Voltage Input	18 - 30 VAC	Min DC Output Voltage	3 VDC
Current Output	2.7A DC (100 VA Input)	Max Output voltage	26 VDC, Full Wave 25.5 VDC Half Wave
Current Input	4 Amp AC (100VA)	Max Output Current	2.7 Amps* DC (not Class 2)
Output Ripple	50mV p-p, Full Wave 100mV p-p, Half Wave	Min Input Voltage ..	5 or 15 VDC Output: 18 VAC 24 VDC Output: 23 VAC
AC Voltage Output	Same as Input		

*Other current output ranges are available, contact BAPI for more information

Line Voltage Transformer Module

ETA Line

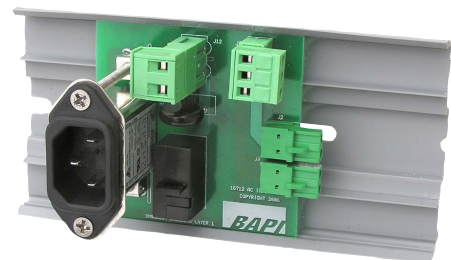
Rev. 03/20/06

Overview

The Line Voltage Transformer Module simplifies connecting an external transformer to the VC2700-STM Voltage Converter, shown above. Both modules can sit side-by-side in an eight inch long piece of industry standard 2.75" snaptrack (TRK08).

The LVTM takes 120/240 VAC power from a standard power cord, protects the input with a 3.15 amp resettable circuit breaker and filters out disruptive power line transients. Pluggable terminals provide a convenient way to terminate the primary and secondary windings of the transformer. Low voltage connectors on the end of the LVTM directly plug into the VC2700's inputs for a clean yet flexible connection without interconnecting wires.

<u>Part Number</u>	<u>Description</u>
BA/LVTM	Line Voltage Transformer Module



Line Voltage Transformer Module mounted in the optional snaptrack

Specifications

Input:
120/240 VAC at 3.15 Amps Max.
24 VAC input: 8 Amps Max.