

# F10 VC2700-STM - Voltage Converter

Accessories  
for HVAC/R

Rev. 07/13/10

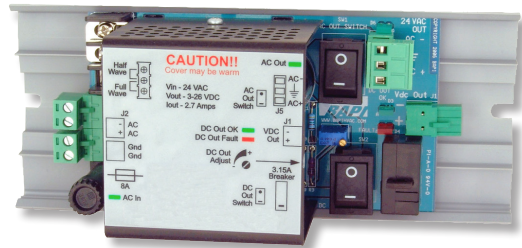
## Overview

The VC2700-STM is a 2.75" snaptrack-mountable 2.7 amp voltage converter. The unit takes a 24 VAC input and converts it to a regulated and adjustable output of 3-26 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 snaptrack**

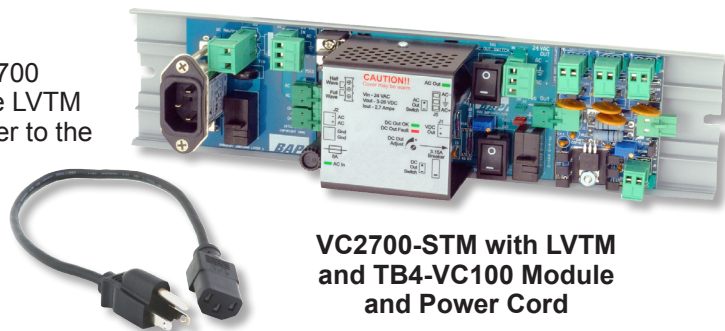
## Ordering Information/Part Numbers

**ALC/VC2700-HW-STM** .. 2.7 Amp Voltage Converter, Half-Wave, Snaptrack Mountable

**ALC/VC2700-FW-STM**... 2.7 Amp Voltage Converter, Full-Wave, Snaptrack Mountable

## VC2700 Accessories

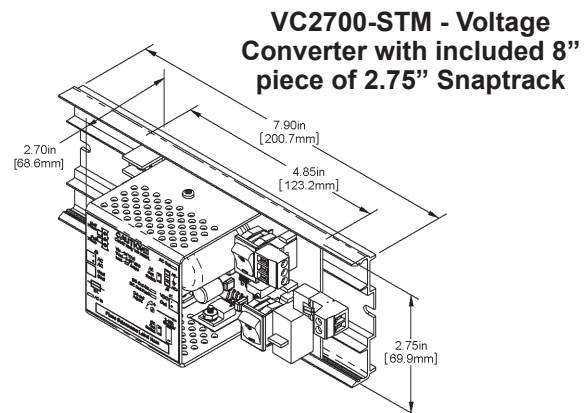
BAPI makes three accessories for the VC2700 which are shown on the opposite page. The LVTM simplifies connecting an external transformer to the VC2700-STM, while the TB4 and TB4-VC100 provide additional depluggable terminals for the VC2700 output voltage or an additional system voltage.



**VC2700-STM with LVTM and TB4-VC100 Module and Power Cord**

## Specifications

<b>Voltage Input</b> .....	18 - 30 VAC
<b>Current Output</b> .....	2.7Amp DC (100 VA Input)
<b>Current Input</b> .....	4 Amp AC (100VA)
<b>Output Ripple</b> .....	50mV p-p, Full Wave 100mV p-p, Half Wave
<b>AC Voltage Output</b> .....	Same as Input
<b>Min DC Output Voltage</b> ....	3 VDC
<b>Max Output voltage</b> .....	26 VDC, Full Wave 25.5 VDC Half Wave
<b>Max Output Current</b> ....	2.7 Amps* DC
<b>Min Input Voltage</b> ....	5 or 15 VDC Output: 18 VAC 24 VDC Output: 23 VAC



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

Note: The VC350A is a Class 2 circuit when powered from a UL Class 2 power supply.



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