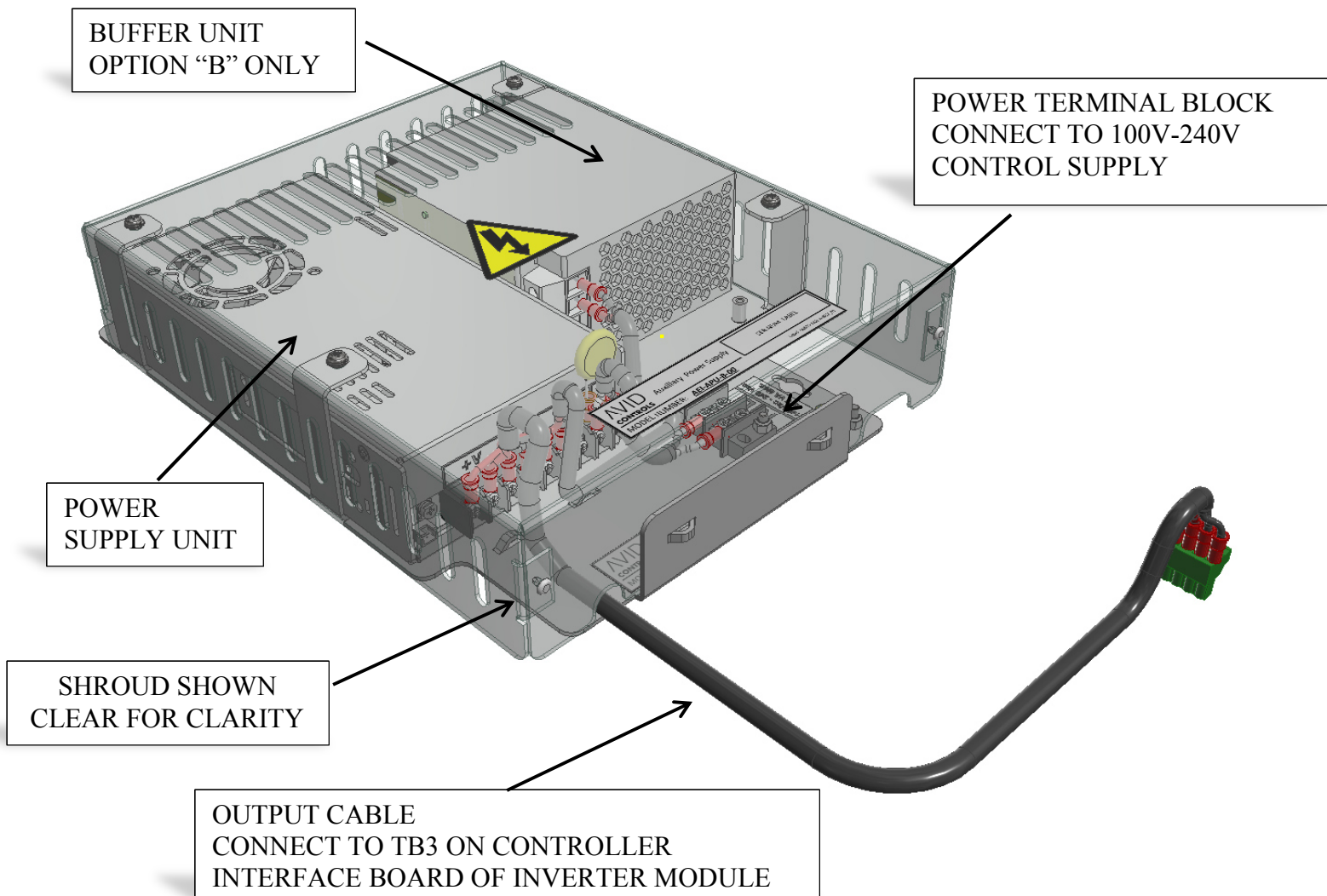


## 1. Overview and Applicable Models

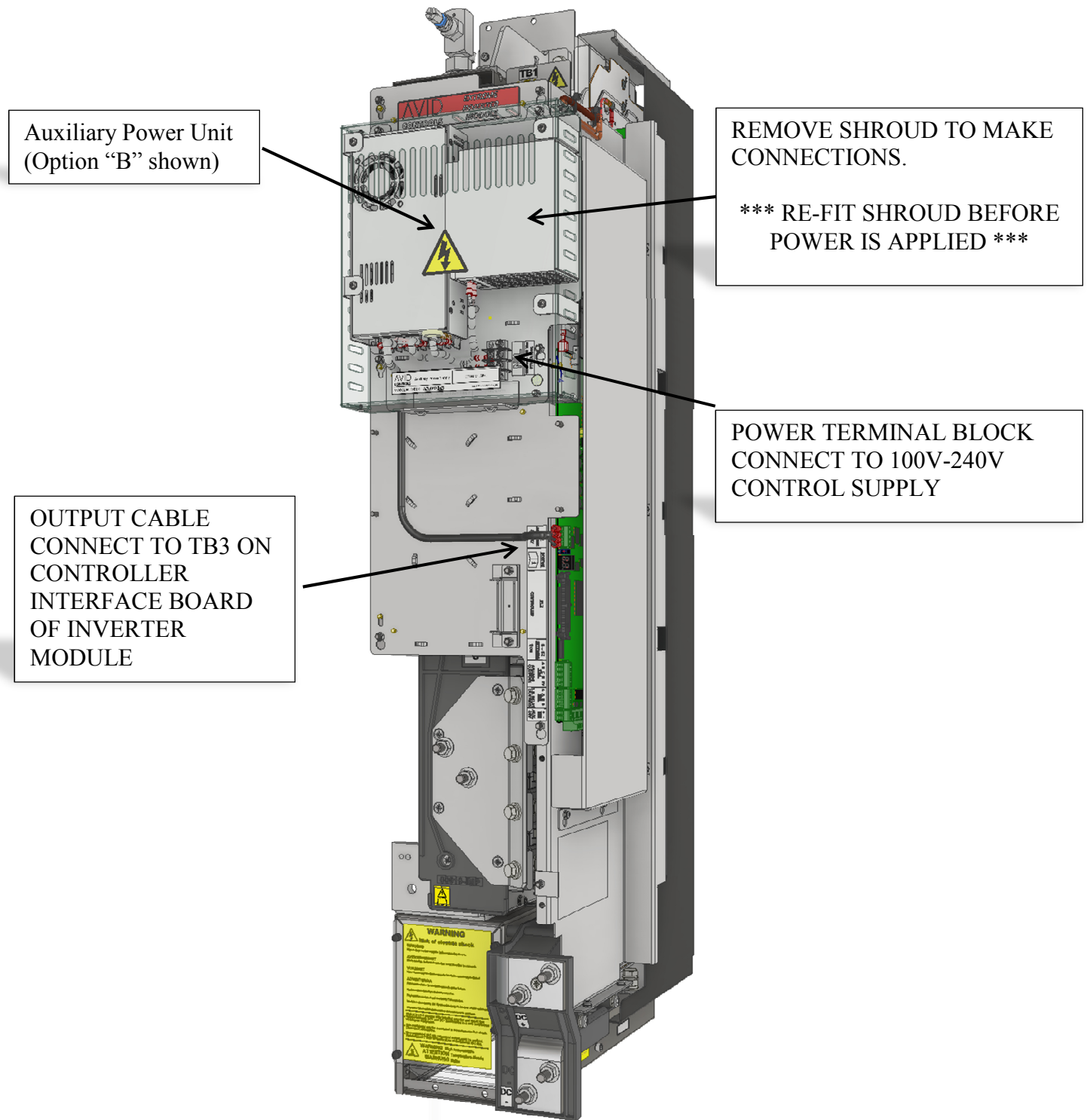
- Avid Extreme Inverter modules require a 24V auxiliary supply – the rating of which varies according to model and details are provided in the appropriate data sheets.
- Avid Auxiliary Power Units provide this supply for any inverter rating from a 100V-240Vac control supply, by packaging high quality off-the-shelf components in an assembly that is compatible with mechanical mounting directly to the inverter module.
- This data sheet applies to model number **AEI-APU-A-00** and **AEI-APU-B-00**.
- The only difference between these models is that the “B” option is equipped with a Phoenix Contact 24V buffer unit to facilitate supply interruption ride-through.

## 2. Mechanical

- The following figure shows the mechanical layout and overall dimensions of the unit:



## 3. Fitting to Inverter Unit



## 4. Material List

Item	Manufacturer	Manufacturer Part Number	Complete Manufacturer's Data
Power Supply Unit	Delta Electronics	PMF-24V320WCGB	<a href="http://www.deltapsu.com">www.deltapsu.com</a> & Search for PN at top right of page or go directly to: <a href="http://deltapsu.com/products/panel-mount-power-supply/PMF-24V320WCGB">http://deltapsu.com/products/panel-mount-power-supply/PMF-24V320WCGB</a>
24V Buffer for Ridethrough (option "B" only)	Phoenix Contact	2866213	Go to <a href="http://www.phoenixcontact.com">www.phoenixcontact.com</a> and search for the part number

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