

Two buss bars –The ins and outs of connection

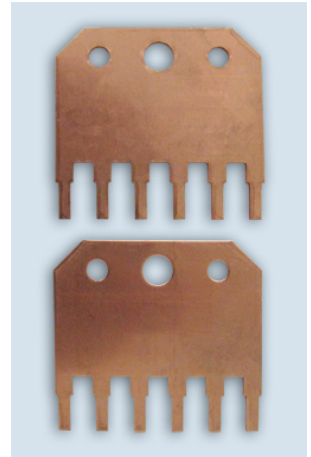
By Tim McKernan, Fronius Application Engineer

The Fronius IG Plus Inverters have a 6 string fused combiner built in to every unit. However, it may not be practical to use it if the array is far away from the inverter or if local codes require fused combiners on the roof or in close proximity to the modules themselves. In either situation it is important to note that the terminals are only rated to accept 20ADC.

Whenever you are bringing in a conductor that may have more than 20ADC on it, you are required to use a Fronius Buss Bar (Part Number 42,0201,2923). This is a 6 tined copper conductor with 2 3/8" holes and a single 1/4" hole for use with a lug of the installers' choice.

It is very important to note that we are dealing with DC currents here and once those electrons make their run through the inverter they need a path back to the modules. Again, we cannot load the terminals with more than 20ADC, so please make sure to get a **second Buss Bar** for the return trip.

If you have any questions about applications that would require a Buss bar, please Fronius Technical Support at 1-800-376-6487.



Sold individually. Make sure to order two Buss Bars – one for each leg of the trip.