Topic: Buck & Boost Transformers

PN **2969 = 3500 KVA**
PN **2970 = 5000 KVA**
PN **2971 = 7500 KVA**

Buck & Boost Transformers:

Q: How do I determine the KVA of a piece of equipment?
A: You will need the equipment's required voltage and current consumption.

e.g. A Statim 2000 requires 240 Volts x 11 Amps = 2,640 KVA
Choose the higher value transformer which in this case would be the 3500 KVA transformer DCI PN 2969.

Q: How much voltage does it Buck/Boost?
A: If using 120 volts +/- 12 volts. If using 240 volts +/- 24 volts.

See next slide for more FAQ's

Q: Which wiring diagram do I use located in the transformer?
A: #4 whether you are increasing (Boost) or decreasing (Buck) the incoming voltage.

Q: There are so many different values on the transformer. Is this right for my application?
A: The different values on the transformer refers to many other applications that it was designed for. As long as the equipment's KVA does not exceed the transformer's KVA there should be no issues.

Q: Can I connect multiple pieces of equipment to just one transformer?
A: No! One transformer for each piece of equipment.

Q: Can I use the transformer on a 110, 115 or 120 outlet.
A: Yes.