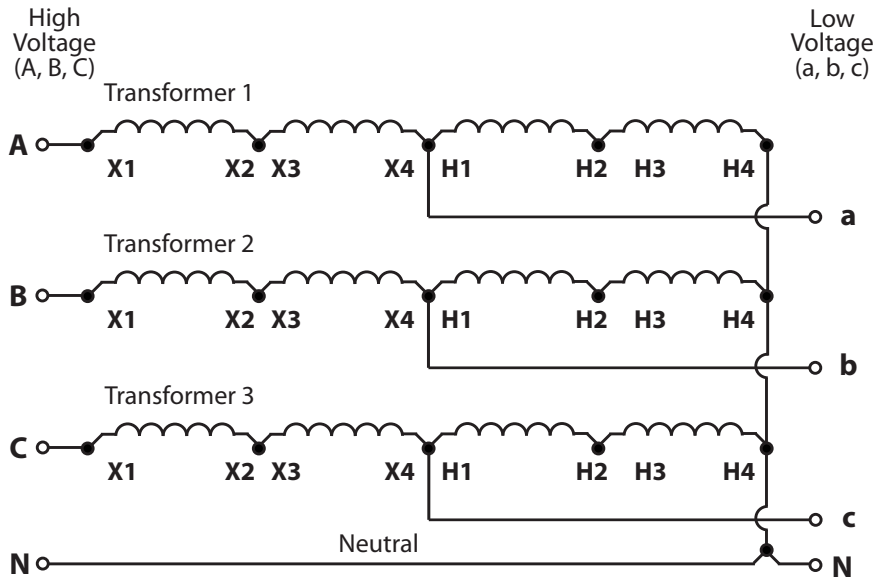


FIGURE 12 - Buck Boost Wiring Diagram



Connection Instructions Three Phase (Wye Output)

Boosting (Lower Voltage to Higher Voltage)

Step 1: On Transformer 1, connect X1 together with one of your input wires (higher voltage). You should have a total of 2 wires combined together for this one connection.

Step 2: On Transformer 1, connect X2 and X3 together. You should have a total of 2 wires combined together for this one connection.

Step 3: On Transformer 1, connect one of your output wires (lower voltage) together with X4 and H1. You should have a total of 3 wires combined together for this one connection.

Step 4: On Transformer 1, connect H2 and H3 together. You should have a total of 2 wires combined together for this one connection.

Step 5: Connect H4 of Transformer 1, H4 of Transformer 2, and H4 of Transformer 3 together, along with your second input wire (higher voltage) and your second output wire (lower voltage). You should have a total of 5 wires combined together for this one connection.

Step 6: On Transformer 2, connect X1 together with your third input wire (higher voltage). You should have a total of 2 wires combined together for this one connection.

Step 7: On Transformer 2, connect X2 and X3 together. You should have a total of 2 wires combined together for this one connection.

Step 8: On Transformer 2, connect your third output wire (lower voltage) together with X4 and H1. You

should have a total of 3 wires combined together for this one connection.

Step 9: On Transformer 2, connect H2 and H3 together. You should have a total of 2 wires combined together for this one connection.

Step 10: On Transformer 3, connect your fourth input wire (higher voltage) together with X1. You should have a total of 2 wires combined together for this one connection.

Step 11: On Transformer 3, connect X2 and X3 together. You should have a total of 2 wires combined together for this one connection.

Step 12: On Transformer 3, connect your fourth output wire (lower voltage) together with X4 and H1. You should have a total of 3 wires combined together for this one connection.

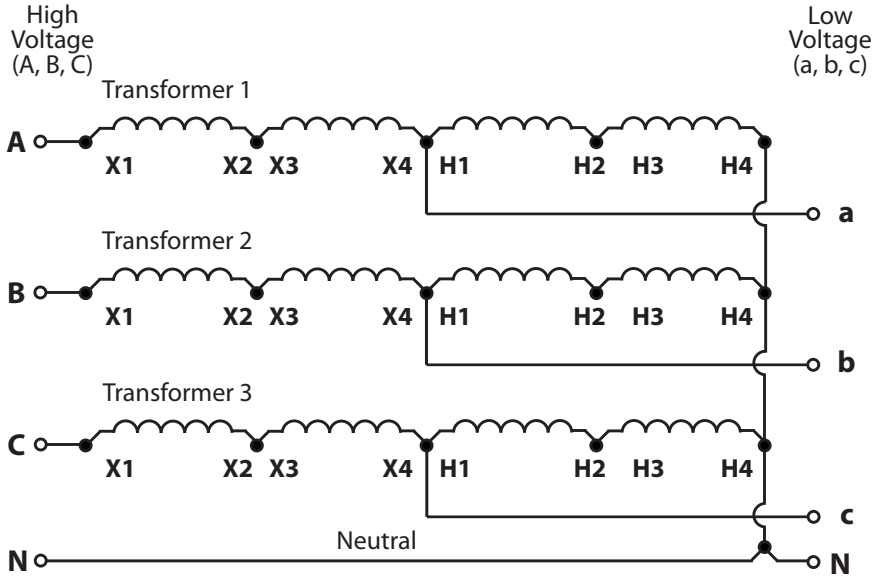
Step 13: On Transformer 3, connect H2 and H3 together. You should have a total of 2 wires combined together for this one connection.

Step 14: Re-verify wires in previous steps. Check that all connections are tight and well insulated.

Step 15: Prior to powering your machine, apply power to the transformer and verify that you have the proper voltages for your equipment.

If you need any further assistance please contact one of our tech support personnel here at TEMCo at **510-490-2187** or **877-474-8209**.

FIGURE 12 - Buck Boost Wiring Diagram



Connection Instructions Three Phase (Wye Output)

Boosting (Lower Voltage to Higher Voltage)

Step 1: On Transformer 1, connect X1 together with one of your output wires (higher voltage). You should have a total of 2 wires combined together for this one connection.

Step 2: On Transformer 1, connect X2 and X3 together. You should have a total of 2 wires combined together for this one connection.

Step 3: On Transformer 1, connect one of your input wires (lower voltage) together with X4 and H1. You should have a total of 3 wires combined together for this one connection.

Step 4: On Transformer 1, connect H2 and H3 together. You should have a total of 2 wires combined together for this one connection.

Step 5: Connect H4 of Transformer 1, H4 of Transformer 2, and H4 of Transformer 3 together, along with your second input wire (lower voltage) and your second output wire (higher voltage). You should have a total of 5 wires combined together for this one connection.

Step 6: On Transformer 2, connect X1 together with your third output wire (higher voltage). You should have a total of 2 wires combined together for this one connection.

Step 7: On Transformer 2, connect X2 and X3 together. You should have a total of 2 wires combined together for this one connection.

Step 8: On Transformer 2, connect your third input wire (lower voltage) together with X4 and H1. You

should have a total of 3 wires combined together for this one connection.

Step 9: On Transformer 2, connect H2 and H3 together. You should have a total of 2 wires combined together for this one connection.

Step 10: On Transformer 3, connect your fourth output wire (higher voltage) together with X1. You should have a total of 2 wires combined together for this one connection.

Step 11: On Transformer 3, connect X2 and X3 together. You should have a total of 2 wires combined together for this one connection.

Step 12: On Transformer 3, connect your fourth input wire (lower voltage) together with X4 and H1. You should have a total of 3 wires combined together for this one connection.

Step 13: On Transformer 3, connect H2 and H3 together. You should have a total of 2 wires combined together for this one connection.

Step 14: Re-verify wires in previous steps. Check that all connections are tight and well insulated.

Step 15: Prior to powering your machine, apply power to the transformer and verify that you have the proper voltages for your equipment.

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