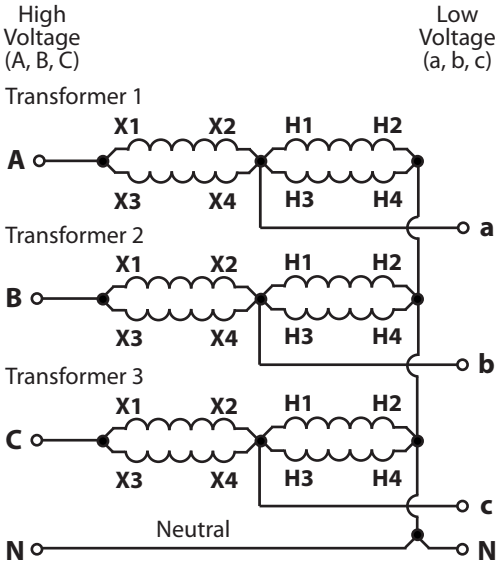
FIGURE 10 - Buck Boost Wiring Diagram



Connection Instructions Three Phase (Wye Output)

Boosting (Lower Voltage to Higher Voltage)

Step 1: On Transformer 1, connect one of your input wires (higher voltage) together with X1 and X3. You should have a total of 3 wires combined together for this one connection.
Step 2: On Transformer 1, connect one of your output wires (lower voltage) together with X2, X4, H1, and H3. You should have a total of 5 wires combined together for this one connection.
Step 3: Connect H2 and H4 of Transformer 1, H2 and H4 of Transformer 2, and H2 and H4 of Transformer 3 together with your second input wire (higher voltage) and your second output wire (lower voltage). You should have a total of 8 wires combined together for this one connection.
Step 4: On Transformer 2, connect your third input wire (higher voltage) together with X1 and X3. You should have a total of 3 wires combined together for this one connection.
Step 5: On Transformer 2, connect your third output wire (lower voltage) together with X2, X4, H1, and H3. You should have a total of 5 wires combined together for this one connection.
Step 6: On Transformer 3, connect your fourth input wire (higher voltage) together with X1 and X3. You should have a total of 3 wires combined together for this one connection.
Step 7: On Transformer 3, connect your fourth output wire (lower voltage) together with X2, X4, H1, and H3. You should have a total of 5 wires combined together for this one connection.
Step 8: Re-verify wires in previous steps. Check that all connections are tight and well insulated.
Step 9: 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.**

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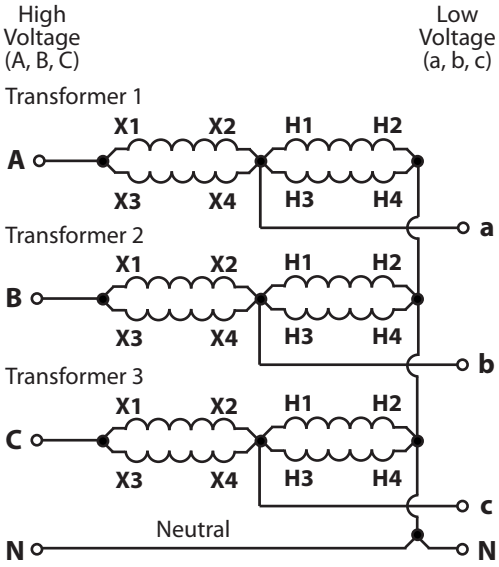

Connection Instructions Three Phase (Wye Output)

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