



Electrical and physical specifications

Supply configuration	1-Phase
Input voltage	250 V
Nominal output voltage	230 V
Calculated output at stated input	227.27 V
Rated continuous output current	90.1 A
Approx. input current at rated load	81.909 A
Capacity at calculated output	20.47 kVA
Connection diagram	D2
Base transformer part	TX-B3-020K-124202
Number of base transformers	1
Rating of each base	2000 VA
Base primary / secondary windings	120/240 V / 12/24 V
Dimensions per enclosure (W x D x H)	7.68 x 6.38 x 11.02 in
Weight per enclosure	42 lb
Total base-transformer weight	42 lb
Winding / enclosure	Aluminum / NEMA 3R
Rated frequency	50/60 Hz

Installation and rating notes

Use the connection sheet with this exact base construction. Do not select wiring by voltage alone.

Nominal output is an application label. Actual output varies with supply voltage and load.

The current limit shown above governs; the ordering SKU is retained for traceability.

Confirm equipment current, motor starting requirements and duty before installation.

Autotransformer connections provide no electrical isolation and do not create a neutral.

Installation must be performed by qualified personnel. Disconnect and verify absence of power.

Diagram D2 | 250 V input to 230 V nominal output

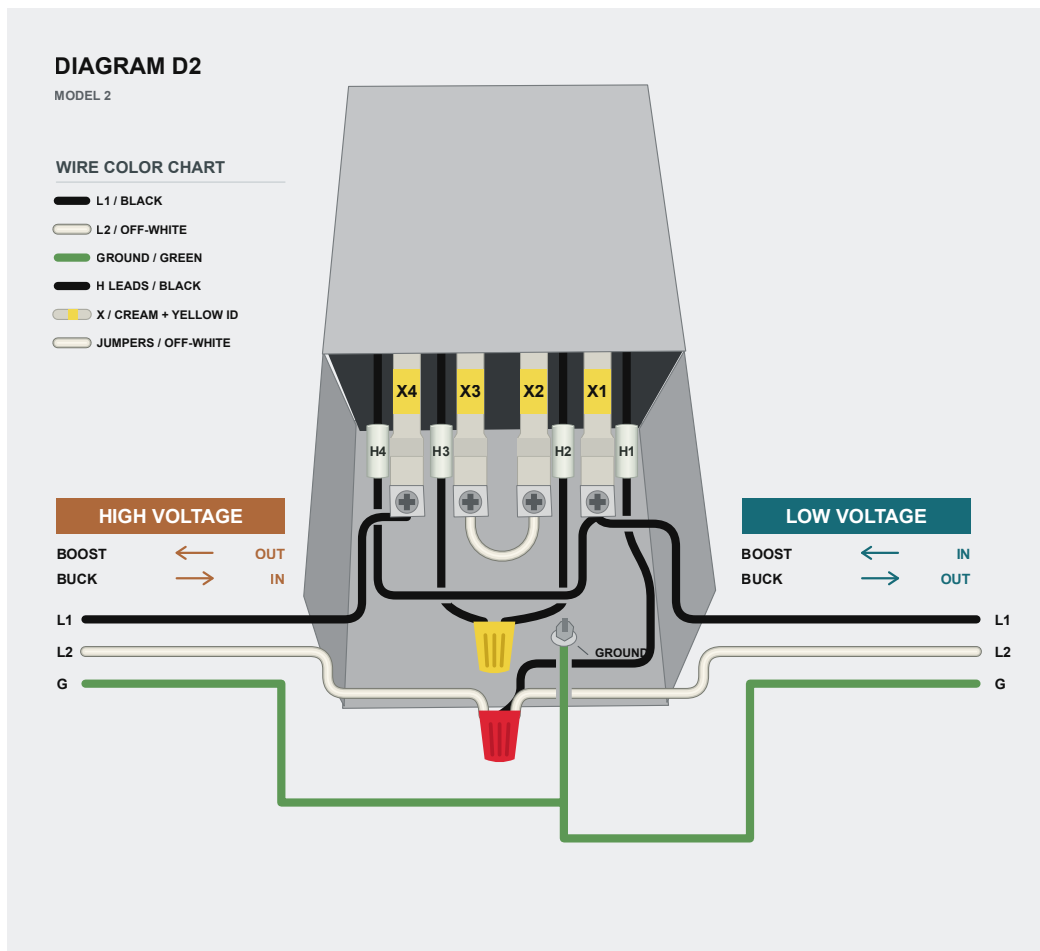
Single phase | Primary series / secondary series | Buck

Continuous output rating: 90.1 A | Calculated output: 227.27 V

1. Join X2 and X3 on each unit.
2. Join H2 and H3 on each unit.
3. Connect 250 V INPUT L1 to X4 on Unit 1.
4. Connect 230 V OUTPUT L1 to X1 and H4 on Unit 1.
5. Connect INPUT and OUTPUT L2 to H1 on Unit 1.

BASE: 1 x TX-B3-020K-124202 | 2000 VA each

Use this diagram only with 120/240 V primary / 12/24 V secondary.



Drawing: LOW VOLTAGE = 230 V OUTPUT; HIGH VOLTAGE = 250 V INPUT.

Disconnect power and verify de-energized before wiring. Bond every enclosure to equipment ground.

Follow the terminal identifiers shown; H2/H3 and X2/X3 differ from some other manufacturers.

Verify input and all output voltages before connecting the load. No circuit isolation is provided.

This connection does not create a neutral. Installation must be performed by a qualified electrician.