



Electrical and physical specifications

Supply configuration	3-Phase Wye
Input voltage	208 V
Nominal output voltage	189 V
Calculated output at stated input	189.09 V
Rated continuous output current	37.34 A
Approx. input current at rated load	33.945 A
Capacity at calculated output	12.22 kVA
Connection diagram	J2
Base transformer part	TX-B2-050H-124202
Number of base transformers	3
Rating of each base	500 VA
Base primary / secondary windings	120/240 V / 12/24 V
Dimensions per enclosure (W x D x H)	4.65 x 3.86 x 9.25 in
Weight per enclosure	17 lb
Total base-transformer weight	51 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.

A supply neutral is required and must be carried through. These connections do not create a neutral.

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

Diagram J2 | 208 V input to 189 V nominal output

Three phase wye | Primary parallel / secondary parallel | Buck

Continuous output rating: 37.34 A | Calculated output: 189.09 V

1. Join X4 and X3 on each unit.
2. Connect 208 V INPUT A to X4 and X3 on Unit 1.
3. Connect 208 V INPUT B to X4 and X3 on Unit 2.
4. Connect 208 V INPUT C to X4 and X3 on Unit 3.
5. Join X2 and X1 on each unit.
6. Connect 189 V OUTPUT A to X1 and H4 and X2 and H3 on Unit 1.
7. Connect 189 V OUTPUT B to X1 and H4 and X2 and H3 on Unit 2.
8. Connect 189 V OUTPUT C to X1 and H4 and X2 and H3 on Unit 3.
9. Connect INPUT and OUTPUT N to H1 and H2 on Unit 1.
10. Bridge N connections between all units.

BASE: 3 x TX-B2-050H-124202 | 500 VA each

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



Drawing: LOW VOLTAGE = 189 V OUTPUT; HIGH VOLTAGE = 208 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.

A supply neutral is required and must be carried through; no neutral is created.