SANZO SALES

XFMR DIRECT

TX-BB-460Y-400Y.231-18.5KW

Wiring Diagram and Connection Guide

Diagram K2 | 460 V input to 400 V nominal output

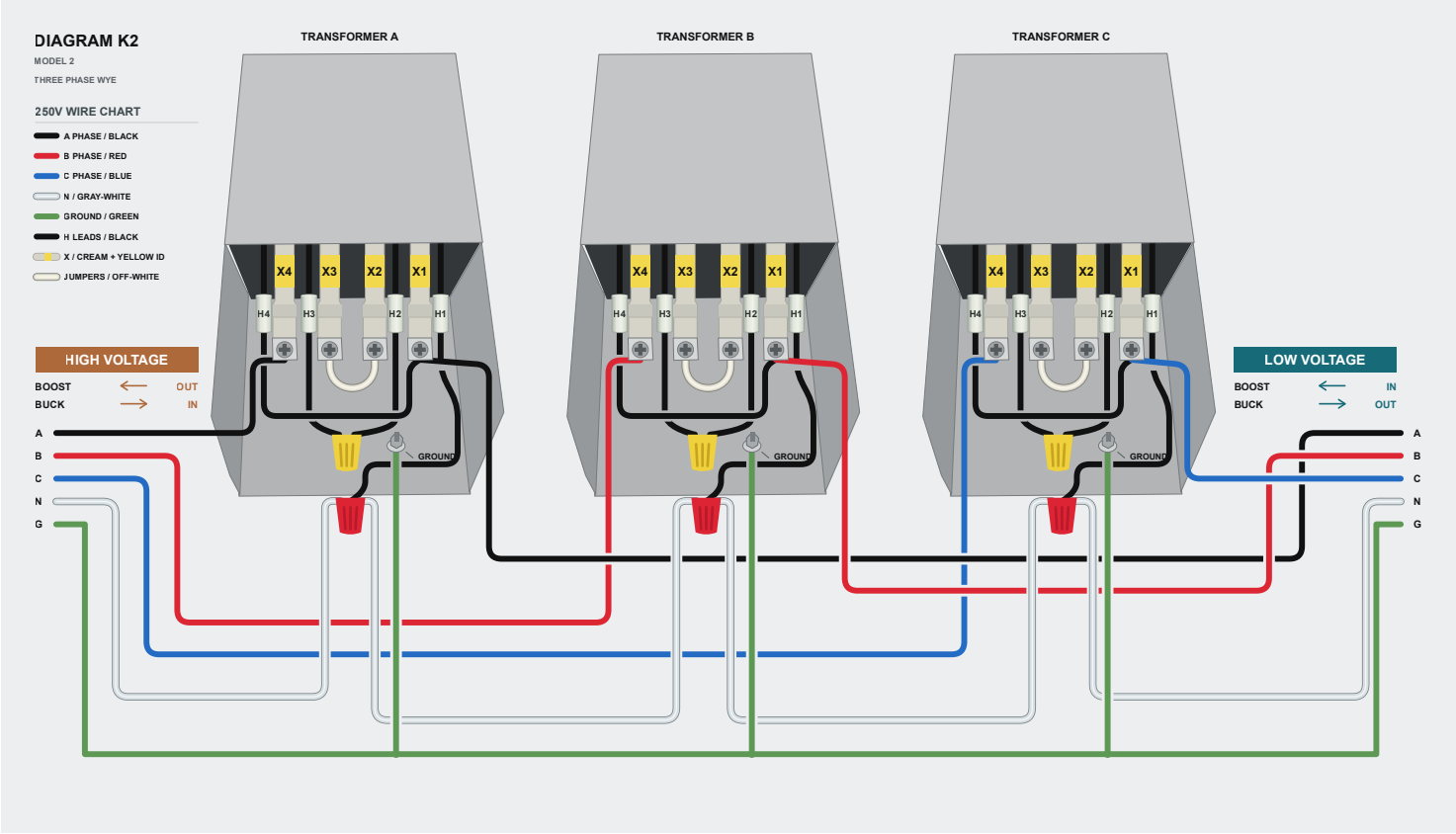
Three phase wye | Primary series / secondary series | Buck

Continuous output rating: 29.67 A | Calculated output: 405.88 V

1. Join X2 and X3 on each unit.
2. Join H2 and H3 on each unit.
3. Connect 460 V INPUT A to X4 on Unit 1.
4. Connect 460 V INPUT B to X4 on Unit 2.
5. Connect 460 V INPUT C to X4 on Unit 3.
6. Connect 400 V OUTPUT A to X1 and H4 on Unit 1.
7. Connect 400 V OUTPUT B to X1 and H4 on Unit 2.
8. Connect 400 V OUTPUT C to X1 and H4 on Unit 3.
9. Connect INPUT and OUTPUT N to H1 on Unit 1.
10. Bridge N connections between all units.

BASE: 3 x TX-B3-010K-124210 | 1000 VA each

Use this diagram only with 120/240 V primary / 16/32 V secondary.



Drawing: LOW VOLTAGE = 400 V OUTPUT; HIGH VOLTAGE = 460 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.