## Summary

7.5 kVA single-phase encapsulated isolation transformer with 120V primary and 120/240V secondary. Aluminum windings and a NEMA 3R steel enclosure for indoor or outdoor service.

## Product Description

The Sanzo Power TX-A5-075K-123124-AL supplies 7.5 kVA of isolated single-phase power from a 120V primary to a 120/240V secondary. Separate primary and secondary windings serve commercial, industrial and equipment distribution loads. The 120/240V secondary supplies 240V line-to-line and 120V from either line to the center-tap neutral.

Resin-encapsulated core-and-coil construction protects the winding assembly against moisture and dirt and helps control vibration. Aluminum windings use a 180°C insulation system with a 115°C temperature rise. The NEMA 3R steel enclosure supports indoor and outdoor installations.

## Specifications

| | | | |
|---|---|---|---|
| Capacity | 7.5 kVA | Winding Material | Aluminum |
| Primary Voltage | 120V | Enclosure | NEMA 3R |
| Secondary Voltage | 120/240V | Insulation System | 180°C |
| Phase | Single Phase | Temperature Rise | 115°C |
| Frequency | 50/60 Hz | Dimensions (L x W x H) | 11.02" L x 11.02" W x 15.75" H |
| Primary Amperage | 62.50A | Unit Weight | 143.3 lb |
| Secondary Amperage | 31.25A at 240V / per 120V leg | Mounting | Wall Mount |
| Secondary Connection | 120/240V, Single Phase, 3-Wire | Cooling | Natural Air |
| Primary Taps | None | Duty | Continuous |

## Ratings & Construction

cETLus Listed • Resin-encapsulated core and coils • NEMA 3R enclosure • Aluminum windings • Separate primary and secondary windings

## Applications

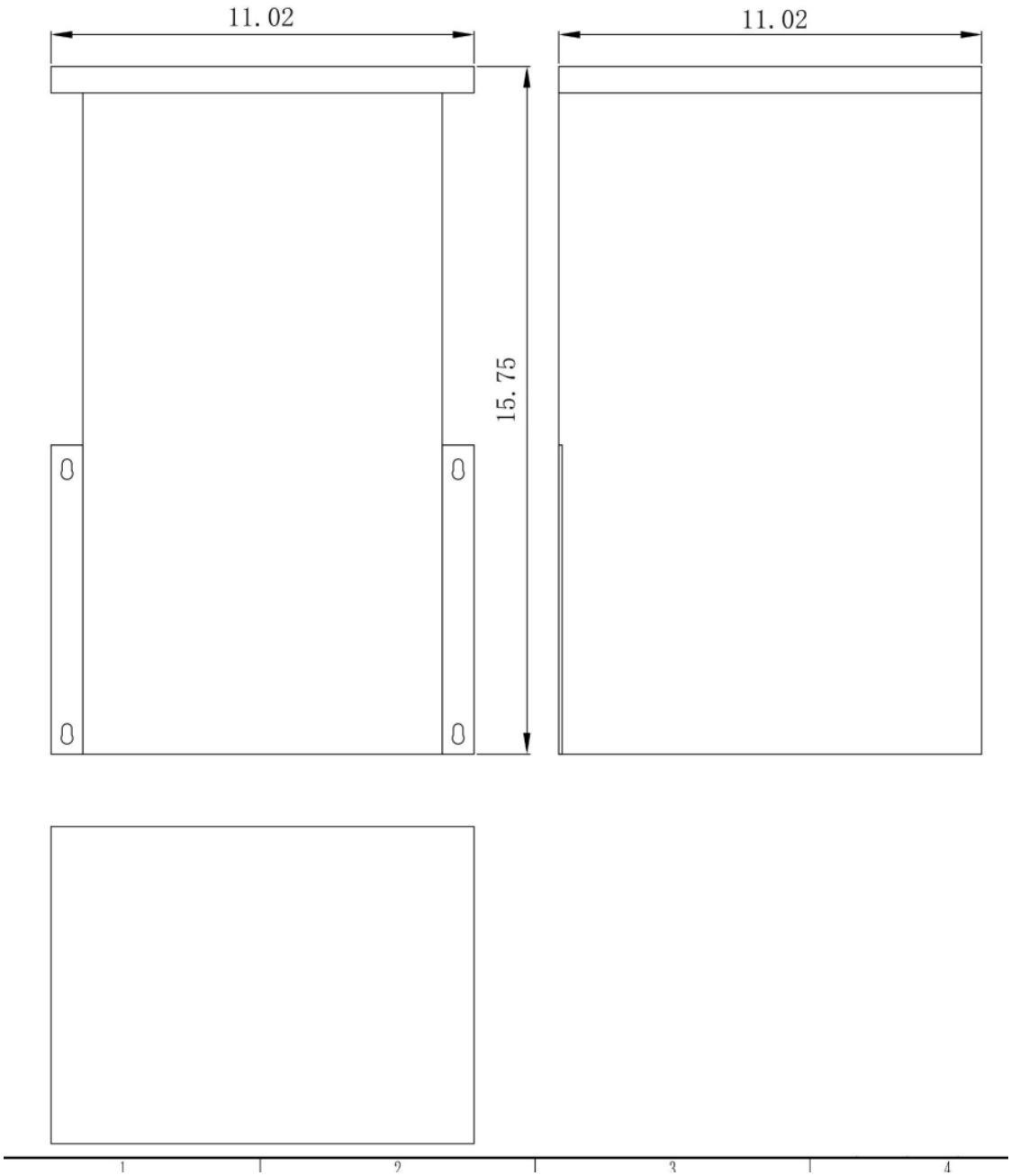
Commercial and industrial power distribution, lighting, HVAC equipment and machine loads requiring isolated 120/240V single-phase power. Balance 120V loads between the two secondary legs.

Dimensions: length (front to rear) x width (left to right) x overall height, including mounting brackets. All dimensions are in inches; weights are in pounds.

## Enclosure Dimensions

### 11.02" L x 11.02" W x 15.75" H

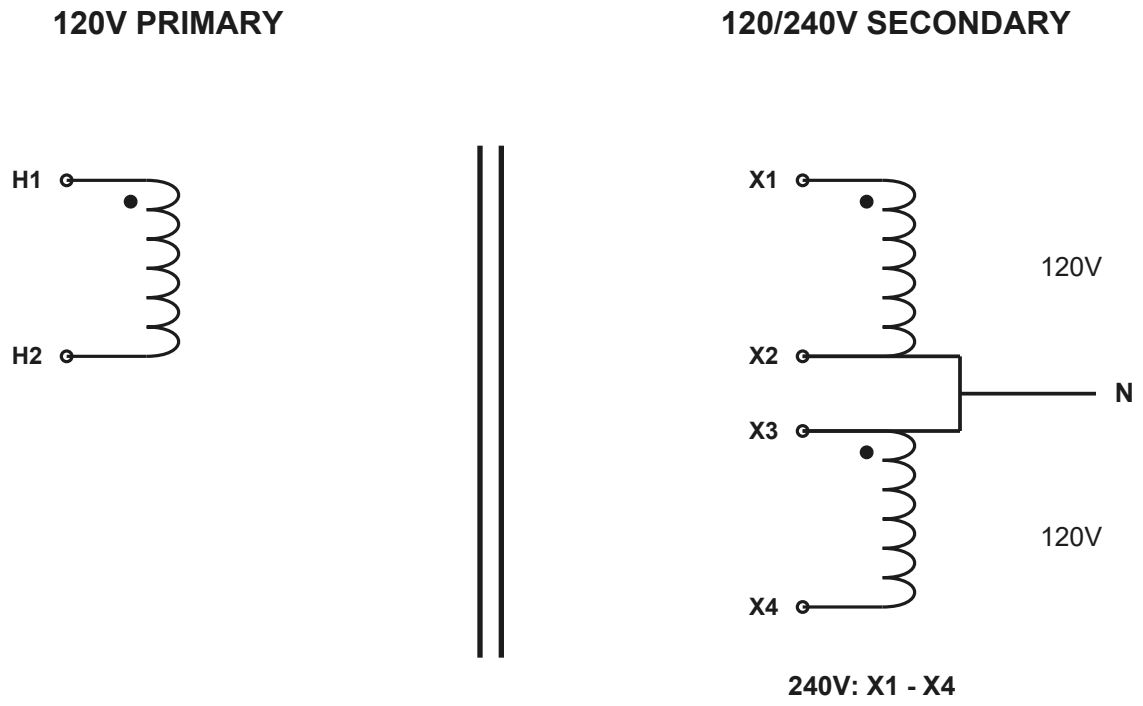
All dimensions in inches. Length = front to rear; width = left to right.




Overall height includes mounting brackets where shown.

Enclosure body height: 15.75"

## Single-Phase Isolation / Split-Phase Secondary




| Connection | Line terminals | Link / neutral |
|---|---|---|
| Primary 120V | H1 - H2 | No primary links |
| Secondary 120/240V | L1: X1; L2: X4 | Join X2 and X3 for neutral |
| 120V loads | X1 - N or X4 - N | Balance loads between legs |
| Equipment ground | Enclosure grounding point | Bond per installation requirements |

Rated output: 7.5 kVA total. Maximum current is 31.25A at 240V and in each 120V leg. Each 120V half winding is rated 3.75 kVA. This connection provides simultaneous 120V and 240V output.

Connection design uses the GP103 terminal convention. Verify terminal markings against the supplied unit nameplate before installation. H identifies the primary input; X identifies the isolated secondary output.