

# SINGLE PHASE POLE MOUNTED TRANSFORMER



## ◆ Structure



## ◆ Definition

Single-phase pole mounted transformer serve as distribution transformer in the distribution network of decentralized power supply. It has many advantages, such as reducing the length of low-voltage distribution line losses and improving the power supply efficiency.

It is designed with high-efficiency and energy-saving wound core structure, featuring pole-type suspension installation, small volume, small capital investment, shorter low-voltage power supply radius, and over 99% reduction in low-voltage line loss. With a fully sealed structure, the transformer has strong overload capability, high reliability in continue operating and easy to maintenance.

## ◆ Technical Data

VO-UT-1PLM-xKVA-xHkV-xLW

| Capacity (KVA) | High Voltage (V) | Tapping Ranges | Low Voltage (V) | Loss (W)         |                  | Dimension (mm) |     |      | DOE2016 Efficiency |
|----------------|------------------|----------------|-----------------|------------------|------------------|----------------|-----|------|--------------------|
|                |                  |                |                 | No-load Loss (W) | On-load Loss (W) | W              | D   | H    |                    |
| 15             |                  |                |                 |                  |                  |                |     |      | 98.82              |
| 25             | 2400             |                | 110             |                  |                  |                |     |      | 98.95              |
| 37.5           | 4160             |                | 120             |                  |                  |                |     |      | 99.05              |
| 50             | 7200             |                | 208             | 80               | 330              | 520            | 565 | 905  | 99.11              |
| 75             | 7620             |                | 240             | 80               | 370              | 560            | 590 | 935  | 99.19              |
| 100            | 12000            |                | 277             | 100              | 450              | 610            | 625 | 935  | 99.25              |
| 125            | 12470            |                | 347             | 120              | 620              | 635            | 975 | 1035 | 99.33              |
| 150            | 13200            |                | 415             | 130              | 850              | 754            | 840 | 1035 | 99.39              |
| 187            | 13800            |                | 416             | 150              | 1150             | 770            | 965 | 1135 | 99.43              |
| 250            | 14400            |                | 480             |                  |                  | 795            | 890 | 1135 | 99.49              |
| 333            | 19620            |                | 600             |                  |                  |                |     |      |                    |
| 500            | 24940            |                | 690             |                  |                  |                |     |      |                    |
|                | 34500            |                |                 |                  |                  |                |     |      |                    |