

## PAD MOUNTED TRANSFORMER

Three phase pad mounted distribution transformer 1,500kVA  
20kV/0.415 AL 50HZ with terminal box.  
Manufactured to ANS/IEEE C57 standard



- Loop feed
- ONAN cooling class
- Aluminium winding material
- Bayonet fuse protection
- Explosion fuse
- Mineral oil insulation
- Grain oriented silicon steel core
- Load break and vacuum pressure gauge
- Off-circuit tap changer
- DYN1 vector group

**Applications:** • Electrical power distribution • Utilities & data centres • Industry & manufacturing

| Efficiency @50% | Impedance | Temperature Rise | Basic Impulse Level | Load Loss @ 85°C | Altitude |
|-----------------|-----------|------------------|---------------------|------------------|----------|
| %               | %         | °C               | kV                  | W                | m        |
| 99.1            | 5.75      | 65               | 125                 | 18,500           | 2,000    |

| Volts   | Tap Position | Amps   |    |
|---------|--------------|--------|----|
| V       |              | A      |    |
| 21,000  | 1            | 41.24  | HV |
| 20,500  | 2            | 42.25  | HV |
| 20,000  | 3            | 43.3   | HV |
| 195,000 | 4            | 44.41  | HV |
| 190,000 | 5            | 45.58  | HV |
| 415     |              | 2086.6 | LV |

| Item              | Weight |
|-------------------|--------|
|                   | kg     |
| Coils and cores   | 2,150  |
| Tank and fittings | 1,190  |
| Liquid            | 1,790  |
| TOTAL             | 5,850  |