

CONVENTIONAL CABIN TRANSFORMER



The conventional cabin transformer for underground networks can transform the HVA voltage level of the low voltage distribution network.

Main characteristics

The cabin transformer for underground networks can transform the HVA voltage level of the low voltage (MV/LV) distribution network.

- Sealed vacuum filling tank
- PCB-free liquid dielectric
- Available in a vegetable oil version (natural ester)
- ONAN cooling mode
- Copper and aluminium coils, depending on the power
- Crystal-oriented iron-silicon sheet magnetic circuit
- Power: from 100 kVA to 1000 kVA
- Frequency: 50 Hz
- Primary rated voltage: from 5 to 35 kV. +/- 2.5% adjustment per switch with a live controllable handle (dual voltage devices available on request)
- Secondary rated voltage: 410 V (other voltage, contact us)

Advantages

- No maintenance in normal service condition
- High thermal inertia to withstand load cycles with power variations.
- Standard losses, reduced or compliant with the specifications requested by the customer

Uses

- Rural environment
- Urban environment
- Peri-urban environment