

# CONVENTIONAL CABIN TRANSFORMER

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

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## 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)
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## 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
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## Uses

- Rural environment
- Urban environment
- Peri-urban environment