

# TRANSFORMER WITH TAP CHANGER



Distribution transformer with automatic voltage regulation system.

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## Main characteristics

### Main functions:

The transformer with tap changer can transform the HVA voltage level of the low voltage distribution network by automatically changing the latter within a range compliant with regulations in force in the country in question.

- 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 250 kVA to 630 kVA
- Frequency: 50 Hz
- Primary rated voltage: 15 or 20 kV (other voltage, contact us)
- Secondary rated voltage: 410 V (other voltage, contact us)
- Automatic voltage adjustment (during charge) within a range that can reach +/-10% with 9 positions

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## Advantages

- No maintenance in normal service condition
- Losses compliant with specifications requested by the customer

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## Uses

Transformers for distribution network experiencing significant voltage fluctuations due to decentralised energy injection (renewable energies), with the integration of storage devices, with load variations or multi-directional energy flows.