

TRANSFORMER WITH TAP CHANGER



Distribution transformer with automatic voltage regulation system.

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.