edmpgroup.com

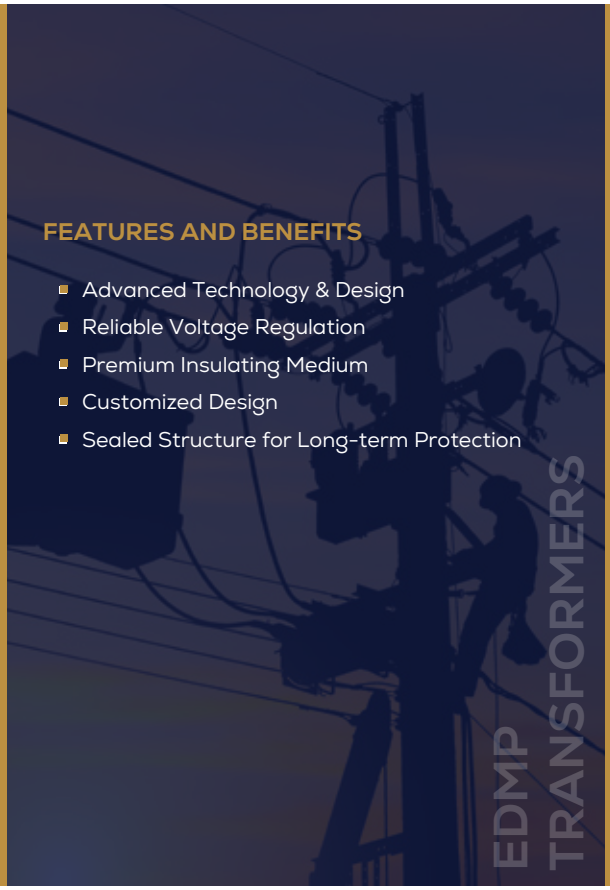
DISTRIBUTION TRANSFORMER

SINGLE-PHASE POLE-MOUNTED

Powering the Future
with Precision and Control

STRIVING TO BE
A **GLOBAL EXPERT**
ON **SMART ELECTRICITY**
AND **ENERGY EFFICIENCY**
MANAGEMENT SERVICES

ELECTRICITY



FEATURES AND BENEFITS

- Advanced Technology & Design
- Reliable Voltage Regulation
- Premium Insulating Medium
- Customized Design
- Sealed Structure for Long-term Protection

The oil-immersed distribution transformer is designed for voltage levels up to 36 kV and rated power up to 3150 kVA, with operational frequencies of 50/60 Hz. It supports multiple insulation levels (including Class A and hybrid options) and operates reliably in ambient temperatures up to 55°C and altitudes up to 5000 meters.

Available in fully sealed or conservator-type structures, the transformers use natural, synthetic ester, or mineral oil as the insulating medium. Cooling methods include ONAN/ONAF and KNAN/KNAF, while the windings are made of highquality copper or aluminum, ensuring excellent electrical and mechanical performance.

Voltage regulation options include on-load tap changers and off-circuit tap changers, with flexible installation formats such as pole-mounted (up to 630 kVA) or pad-mounted configurations to suit different application scenarios.

Compliant with global standards including EN 60076, IEC 60076, ANSI C57.12, and IEEE C57.12, EDMP transformers are engineered to deliver exceptional efficiency, safety, and operational stability. Custom designs are available to meetspecific customer requirements, making them a reliable choice for modern power distribution systems worldwide.

PARAMETERS AND SPECIFICATIONS

Item	Unit	Parameter
Voltage level	kV	≤35
Rated power	kVA	≤300
Frequency	Hz	50/60
Insulation level		A or other (Include mixed insulation)
Max.ambient temperature	℃	55
Altitude	m	≤3500
Type of cooling		ONAN/ONAF,KNAN/KNAF
Winding material		Copper/Aluminum
Voltage regulation mode		Off circuit
Installation		Pole mounted
Structure type		Fully sealed
Insulating medium		Natural/Synthetic ester/Mineral oil
Standards		IEC, IEEE, ANSI, NEMA, NBR, NTC

**Specifications of the products are subject to change without prior notice.*

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