



TYPICAL APPLICATIONS

- Commercial & Industrial Facilities
- Utility Grids
- Renewable Energy Systems
- Critical Infrastructure

STANDARD FEATURES

- HV Connection Dead-Front (External Clamped and Removable Bushing for Load Break Inserts)
- Parking Stands for MV Dead Front Terminals
- LV Bushings with NEMA Spade Terminals (Externally Clamped)
- Off-Circuit Tap Changer – 5 Positions
- Steel MV/LV Compartment Barrier
- Bay O-Net and Current-Limiting Fuses
- Pressure Relief Valve
- Lifting Hooks, Grounding Pads, Drain Valve & Sampling Device
- Oil Level Gauge, Oil Temperature Gauge
- Pressure Vacuum Gauge

OPTIONAL FEATURES

- Load-Break Switch
- Dual Primary Voltage Switch
- Loop or Radial Feed
- M.O.V.E. Dead Front Arresters
- Live Front Terminals
- Different Temperature kVA Ratings
- KNAN Cooling (Ester Fluid)
- Electrostatic Shield
- Anti Corrosion Coating
- Stainless Steel Enclosure
- Adaptable to Special Environments

WARRANTY

- 1 Year Standard

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PAD-MOUNTED TRANSFORMERS

Technical Specifications

General Characteristics	
Item	Specification
Applicable Standards	IEEE C57.12.34 - 2022
Altitude	≤ 1000 m (3300 ft)
Ambient Temperature	40°C (104°F)
K-Factor*	1
Environment	Outdoor

Electrical Characteristics	
Item	Specification
Number of Phases	3
Rated Power (kVA)	500 to 10000
HV Rated Voltage (V)	≤ 34500
HV Tap Voltage (%)*	± 2 x 2.5
LV Rated Voltage (V)	≤ 15000
Frequency (Hz)	60
Vector Group*	Dyn1

*Other Configurations Upon Request

Construction Characteristics	
Item	Specification
Enclosure Rating	NEMA 3R
Oil Preservation System	Sealed-Tank
Insulating Liquid	Mineral Oil
Cooling Method	ONAN
Oil Temperature Rise	60°C (140°F)
Winding Temperature Rise	65°C (149°F)
Corrosion Category	C4
Winding Material	Aluminum/Copper
Insulation Thermal Class	105°C (221°F)

