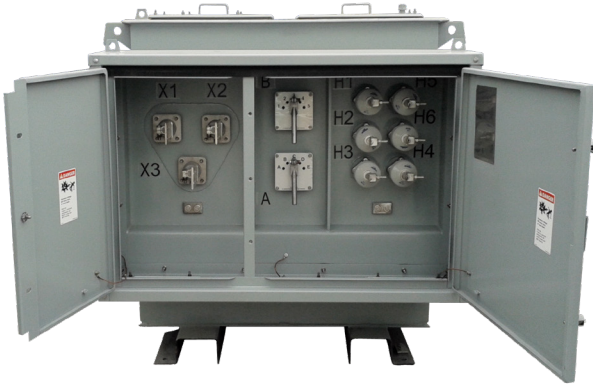


ESP–Multitap transformer





Experience in the industry

ProlecGE has a long experience in advanced technology transformer for the Oil & Gas Industry, drilling and production to refining and petrochemical.

Product Scope

- Rating
 - Up to 540 kVA

- High Voltage
 - Aluminum windings
 - Up to 4800 V Delta or Wye Connected
 - BIL up to 60 kV
 - Tap changer: 25 Taps
 - Radial feed
 - Live front
 - Porcelain Bushing

- Low Voltage
 - Aluminum windings
 - 480 V Delta
 - BIL 30 kV
 - Epoxy 2 piece-bushings with 4-holes blade

- Frequency: 60 Hz
- 5-legged Core
- Electrostatic shield
- Temperature rise: 65°C
- Cooling class: ONAN

- Insulating fluid: Mineral oil
- Impedance: 5.75% ± 7.5%
- Altitude: 3,300 FASL
- Mild steel tank & cabinet
- Liquid paint system; Color: ANSI 61
- Harmonic factor up to 4

Optional features

- High Voltage
 - Copper windings
- Low Voltage
 - Copper windings
 - Epoxy, 2 pieces bushings, up to 12 holes blade
- Frequency: 50 Hz
- Temperature rise: 55°C, 55/65°C
- Altitude up to 14850 FASL

Safe operation under Short Circuit

Excellent mechanical strength provided by diamond pattern, epoxy coated paper insulation and unique compression bonding process which helps to support short circuit forces.

The bond retains the winding from shifting during operation or under short circuit stresses.



Solution for...Oil & Gas

- Artificial Lift application
- Onshore operation

Corrosive environment

Coatings specially designed to operate under several conditions for the Oil & Gas Industry, including high humidity environment, ultra violet radiation, chemical pollution & saline fog.

Standards and certifications available



Benefits

- Its reliability... higher quality materials for winding conductors and insulation.
- Its short circuit withstand... humidity and dust controlled environment for windings process; robust design to support radial & axial forces; strongly supported leads to prevent movement.
- Its special design to operate under highly corrosive and saline environment... premium coating system.
- Its customized design to fit special needs... regarding capacity, voltage, dimensions, winding materials & fluid.
- Its easy handling and installation... base designed for forklift.



For more information contact your local GE Sales Representative
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