



NOARK's T & D portfolio is designed for electrical systems of medium, high and extra-high voltages up to 1000kV, covering a range of products including power transformers, dead tank circuit breakers, gas insulated switchgears, disconnectors, Medium Voltage cables and components.

Power Transformers & HV Components



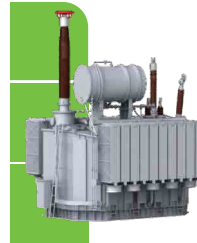
HV Natural Oil-Filled Transformers

Ratings

- Voltage up to 1000kV
- Three Phase Capacity: up to 1200MVA
- Single Phase Capacity: up to 750MVA

Standards

- IEC 60076-1, IEC 60076-2, IEC 60076-3, IEC 60076-5
- IEEE C57.12.00



HV Natural Ester Oil-Filled Transformers

Ratings

- Voltage up to 750kV
- Three Phase Capacity: up to 1000MVA
- Single Phase capacity: up to 750MVA

Standards

- IEC 60076-1, IEC 60076-2, IEC 60076-3, IEC 60076-5
- IEEE C57.12.00



High Voltage Insulators

Ratings

- Polymeric Long Rod type: 12kV to 500kV
- Polymeric Pin Insulator type: up to 36kV
- Polymeric Post Insulator type: up to 252kV

Standards

- IEC 61446: 61109; 66217; 66231
- ANSI C29.13



Surge Arrester

Ratings

- 22-500kV (porcelain); 0.22-220kV (composite)
- Metal oxide polymer housing (Gapless): 5kA-20kA, 6kV-200kV
- Metal oxide porcelain housing (Gapless): 5kA-20kA, 6kV-444kV

Standards

- IEC 60099-4
- ANSI C62.11

Pad Mount Transformers & MV Components



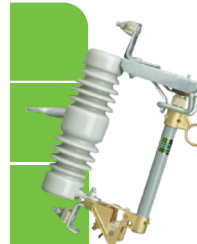
Pad Mount Transformers

Ratings

- Voltage range 6kV ~ 35kV
- Capacity: 200 ~ 10000kVA

Standards

- IEEE C57.12.00, C57.12.28, C57.12.34, C57.12.90



Fuse Cut-Out

Ratings

- Voltage from 12kV to 36kV
- Capacity: 100A, 200A, 300A
- BIL up to 200kV

Standards

- IEC 60282-2
- ANSI C37.42

References



161kV 15MVA Reactor - Hydro QC
Canada

- End user: SECL for HC
- 2013



230kV 200MVA Autotransformer
USA

- End user: WAPA Archer Substation
- 2016



525kV 525MVA Autotransformer
USA

- End user: Utility Sector Customer (West USA)
- 2021

Learn more: na.noark-electric.com/TD/