

TRANSFORMER BUSHING FOR HVDC

Up to 1200 kV

Transformer Bushing for HVDC utilizing resin impregnated paper insulation provide a reliable and safe connection of HV power to the Transformer with our proven design and highest reliability.



← SCAN ME OR
CLICK HERE



TRENCH
Sense the Power

TRANSFORMER BUSHING FOR HVDC

CHARACTERISTICS

- For applications in HVDC converter systems
- Graded condenser cores and superior DC grading
- Fully type tested according to applicable international Standards IEEE or IEC and customer requirements



External Composit
Insulators

Outer Terminal

Mounting Flange

Busching Active Part



TRANSFORMER BUSHING FOR HVDC

GENERAL

- RIP Bushing cores are manufactured from high-quality crepe paper and thin aluminum foil electrodes
- All cores are condenser type finely graded rolled on special winding machines and pre-dried under vacuum before resin impregnation
- The bushing designs are optimized for size and material usage
- Condenser cores are fully dried and vacuum-impregnated using enhanced processes to minimize CO2 emissions
- Modular bushing designs allow the use of a reduced number of components and allow entirely customizable dimensions

SUSTAINABILITY

REGENERA™ is our holistic approach to protecting ecosystems, fostering environmental harmony and promoting a circular economy.



**External Composit
Insulators**

Outer Terminal

Mounting Flange

Busching Active Part



MAIN FEATURES AND APPLICATION



Expanded Range

HVDC Bushings are available up to 1200 kV DC and 6000 A complying to all standards world wide.



References World Wide

We have references all over the world in any specific climate zone up to 4500 m above sea level.



Proven Operating Reliability

Since decades HVDC Bushings are in full service operation with an extremely high availability and safety.



Exceptional Safe and Robust Design

HVDC Bushings are designed for minimum 30 years of operational life with overload capabilities.



APPLICATION

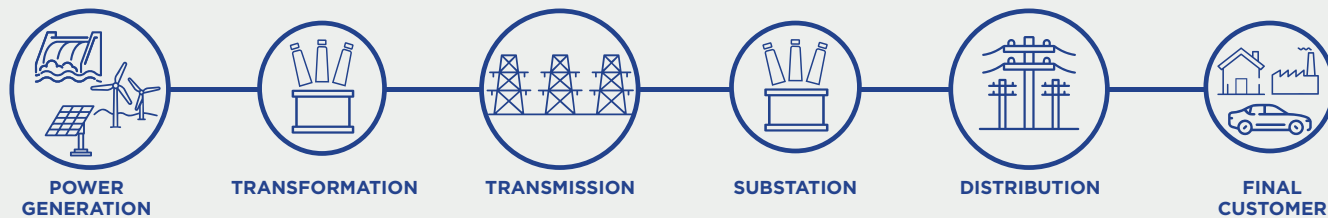
Power converter transformer 800kV with installed UHVDC bushings.

THE **FUTURE** OF ENERGY IS **NOW** AND IT'S **EXTRAORDINARY**

THE CRUCIAL ROLE OF POWER TRANSMISSION

Our vision of a sustainable future starts with an eco-friendly portfolio of high voltage products and systems, brought to you by our dedicated team of global innomakers.

Our mission is to support our customers, from power generation through transmission and distribution to the electricity consumers, in their transition to clean energy and a greener world.





Get in touch:

Contact our experts via email
sales@trench-group.com



Trench Group
www.trench-group.com

©Trench Group 2024. All right reserved.
Specifications are subject to change without notice

VISIT OUR WEBSITE

SCAN ME OR
[CLICK HERE](#)

