

RIP TRANSFORMER BUSHING

Up to 1200 kV / 6000 A

Resin Impregnated Paper (RIP) Transformer Bushings utilizing **resin impregnated paper insulation** provide a reliable and safe connection of HV power to the transformer with the proven HSP design.



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TRENCH
Sense the Power

RIP TRANSFORMER BUSHING

CHARACTERISTICS

- For applications outdoors (fluid-to-air)
- Graded condenser cores
- Fully type tested according to applicable International Standards IEEE or IEC



External Insulation

Outer Terminal

Mounting Flange

RIP TRANSFORMER BUSHING

- RIP Bushing cores are manufactured using premium 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
- 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

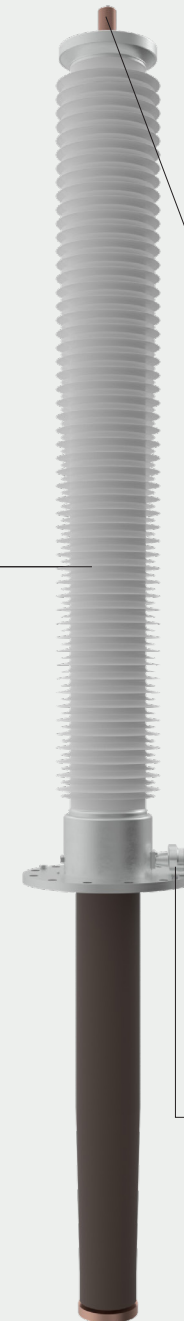
REGENERA™ is our holistic approach to protecting ecosystems, fostering environmental harmony and promoting a circular economy.



External Insulation

Outer Terminal

Mounting Flange



MAIN FEATURES AND APPLICATION



Easy Customization

High Voltage Bushings meet all international standards e.g. IEC IEEE etc. as well as specific customer requirements and are designed for easy installation.



Proven Design

More than 50,000 High Voltage Bushings are installed and in service for more than 60 years in all environmental conditions all around the world.



Tailored Designs

For replacements and service applications Trench and HSP are able and capable to offer 1:1 designs to fit in all kinds of existing power transformers or oil immersed reactors.



Environmentally Friendly

Trench and HSP RIP Bushings are designed and manufactured without any fluids such as mineral oil silicone oil or equivalent nor gases such as SF6 or nitrogen.



APPLICATION

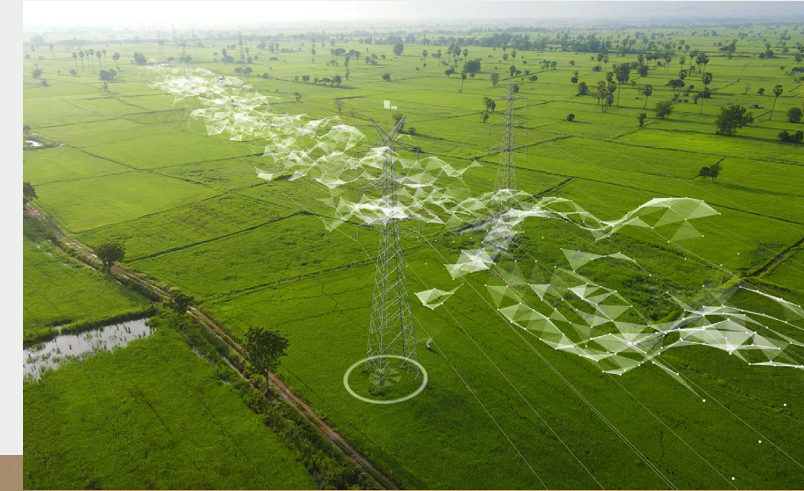
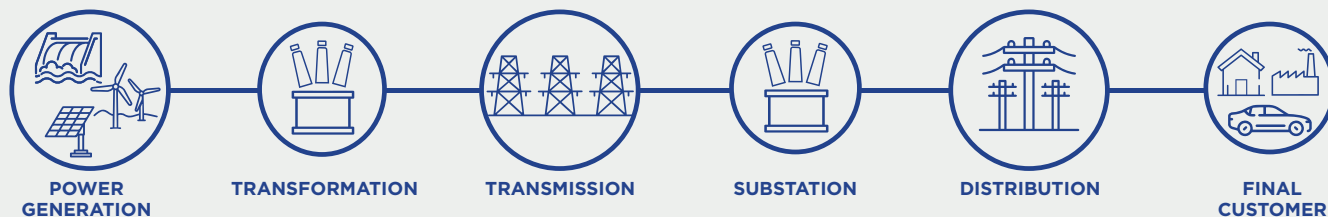
Power Transformer equipped with Trench and HSP RIP Transformer Bushing

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:

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