

# RIS TRANSFORMER BUSHING

Up to 550 kV / 6000 A

Resin Impregnated Synthetic (RIS) Transformer Bushings utilizing **resin impregnated synthetics insulation** provide an eco-friendly and safe connection of HV power to the transformer with our proven HSP design and highest reliability.



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# RIS TRANSFORMER BUSHING

## CHARACTERISTICS

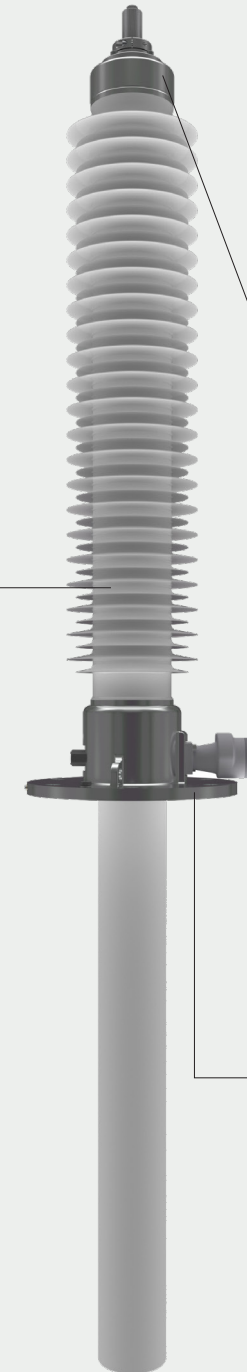
- For applications outdoors (fluid-to-air)
- Composite insulator with FG tube and silicone sheds
- Fine-graded condenser cores
- Fully type-tested according to applicable International Standards IEEE or IEC



External Insulation

Outer Terminal

Mounting Flange



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## GENERAL

- RIS Bushing cores are manufactured using a non-woven plastic web fabric and thin aluminum foil electrodes
- All cores are condenser-type, finely graded, rolled in special winding machines, and resin-impregnated under vacuum.
- Optimized bushing designs for size and material usage
- Condenser cores are fully dried and vacuum-impregnated using optimized processes ensuring a low CO2 footprint
- Modular bushing designs allow the use of a reduced number of components and enable fully customizable dimensions

## SUSTAINABILITY

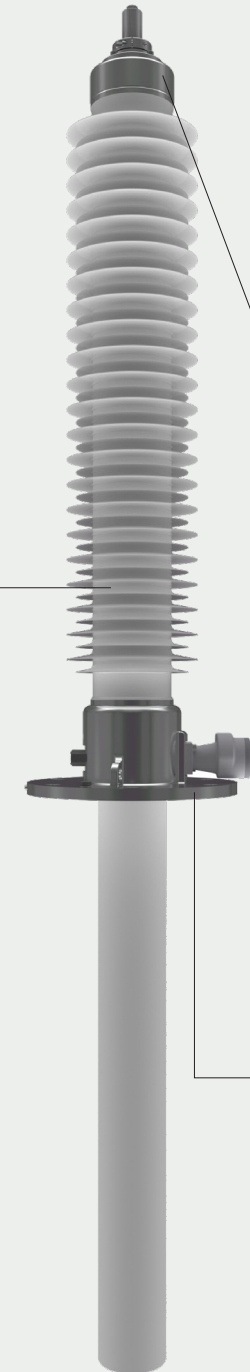
REGENERA™ is our holistic approach to protecting ecosystems, fostering environmental harmony and promoting a circular economy.



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# MAIN FEATURES AND APPLICATION



## Superior Technical Performance

HSP RIS bushings offer enhanced mechanical strength and are explosion proof; they also offer extended overload capability.



## In Service Performance

HSP RIS Bushings offer the minimum operating costs and are maintenance free for their entire lifespan.



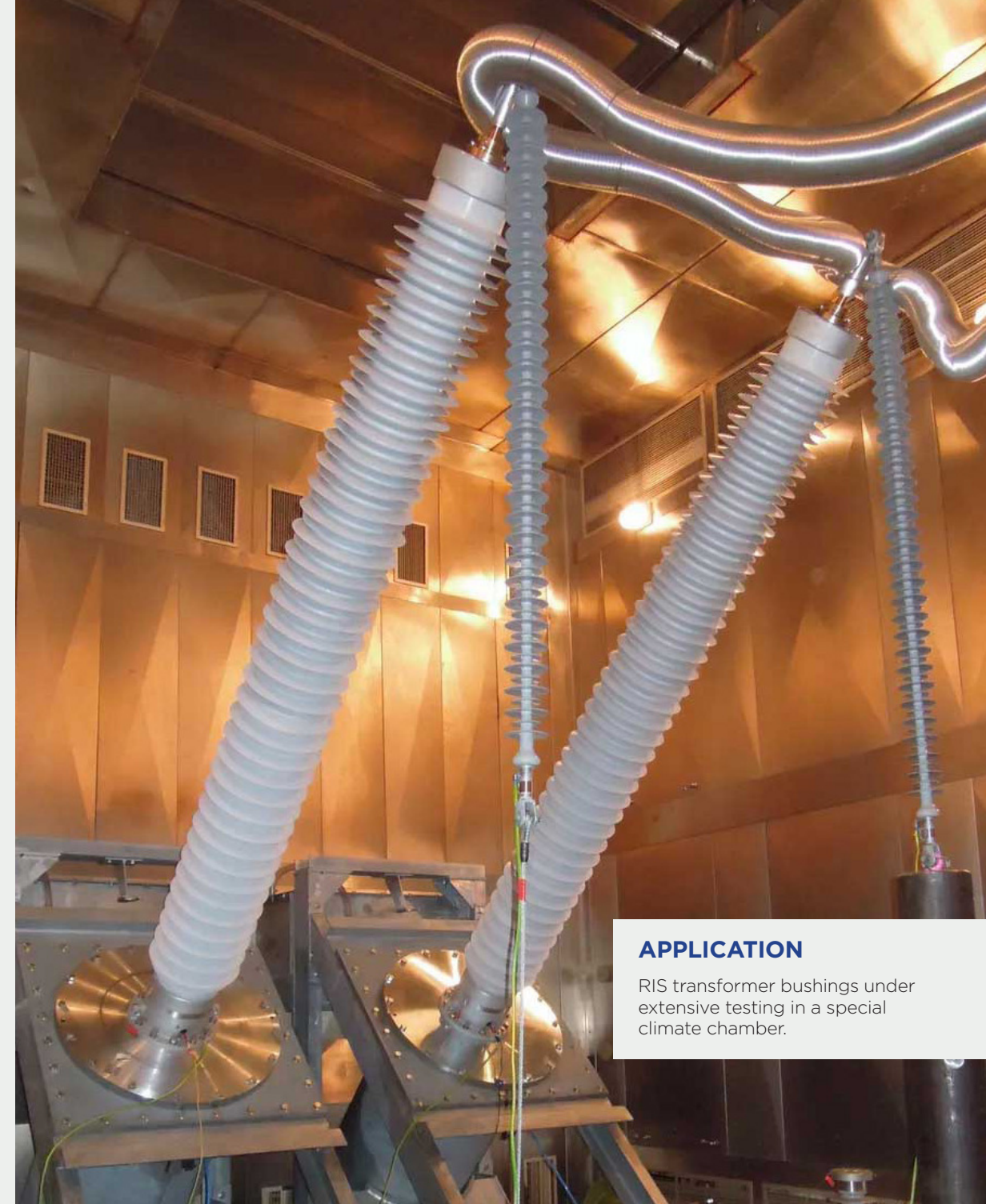
## Easy Customization

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



## Environmentally Friendly

HSP RIS bushings are designed and manufactured without any fluids such as mineral oil, silicone oil or equivalent nor gases such as SF6 or nitrogen.



## APPLICATION

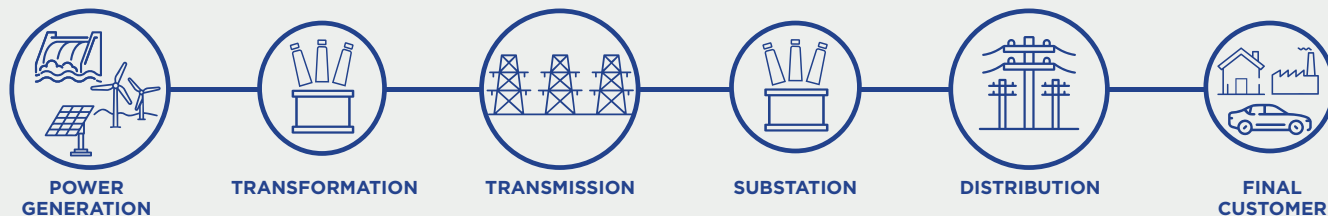
RIS transformer bushings under extensive testing in a special climate chamber.

# 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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