



POWERING EUROPE

About Protrafo

At Protrafo, our primary focus is delivering exceptional customer service in the transformer industry. With a steadfast commitment to innovation and excellence, we cater to diverse global needs. Our journey is marked by continuous improvement and exceeding customer expectations, driven by our passion for the field and commitment to quality.

Our Mission

Our mission is to redefine excellence in the transformer industry through innovative technology and unparalleled service. We understand the critical role transformers play in power distribution, and we dedicate ourselves to enhancing efficiency and reliability in every transformer we deliver.

Customer first

At Protrafo, our customers are paramount, and we prioritize building enduring relationships grounded in trust, transparency, and mutual respect. We understand the critical importance of timing in our clients' operations, which is why we take agreements and delivery dates very seriously. Through close collaboration, we tailor each solution to our clients' specific needs, ensuring a true partnership experience that goes beyond simply delivering a transformer.

Protrafo BV

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Innovation

Innovation is at the heart of everything we do at Protrafo. From advanced transformer designs to sustainable practices, we are dedicated to exceeding our customers expectations and consistently delivering value that sets us apart in the transformer market. Protrafo Insights is a prime example of our commitment to innovation. Through this service we offer transformer monitoring that utilize advanced technology to proactively manage maintenance, prevent failures, and extend the warranty period of transformers. Through data-driven insights and predictive analysis, our clients can optimize transformer performance, ensuring efficient and reliable operation.

Quality Assurance

We meticulously design our transformers to meet the highest standards of reliability and performance. Each transformer undergoes rigorous testing and quality assurance procedures to ensure optimal functionality and durability. Our dedication to quality extends to providing excellent value for our customers, offering a competitive price-quality ratio that reflects our commitment to delivering top-notch transformers at affordable prices.

At Protrafo, we understand that exceptional quality is not exclusive to the big names in the transformer industry. As experts in providing high-quality transformers, we offer an alternative that competes with what market leaders have to offer. Our unique advantage is that we work with multiple manufacturing partners, combining the best of all worlds. Our products come from the same leading factories that service the renowned brands, but we add a unique blend of personal service, flexibility and customer attention.

Our Transformers

Oil Type Transformers

Introducing our high-quality oil-type transformers, meticulously engineered to meet the diverse needs of industries worldwide. With Protrafo, you can expect exceptional performance, reliability, and efficiency in every transformer we deliver. Explore the features that set us apart from the competition.



* Image may differ from reality.

Oil Type Transformer

Insulation Levels

To withstand electrical stresses and minimize energy losses.

Robust Tank Construction

Ensuring long-term reliability.

Standard Hermetically Sealed

To remove air and moisture, ensuring optimal strength and longevity.

Precision-Wound Aluminum or Copper Windings

For efficient energy transfer and reduced losses.

High Efficiency

Minimizing energy losses during power transmission and reducing overall energy consumption.

Low Noise Levels

Creating a quieter and more comfortable environment.

Comprehensive Protection Options

Ensuring safe and reliable operation.

Compact Footprint

Allowing easy installation and integration into various applications.

Extensive Testing and Quality Assurance

Guaranteeing reliable and durable performance.

Dry Type Transformers

Our medium voltage dry-type transformers are built to withstand the most rigorous industry standards, like those of IEC, NEMA and ANSI C.57. These units can meet your needs without sacrificing performance or safety. The coils are enclosed by epoxy resin, making installation more straightforward as they require no cooling oil. In addition, the layer of epoxy helps to keep dust and corrosion at bay. No transformer oil means no risk of oil leaks or spills, contributing to a cleaner environment.

Dry Type Transformer

Rigorous Industry Standards

For reliable performance and safety.

Dust and Corrosion-Resistant

The epoxy resin that encloses the coils protects them against dust and corrosion.

No Cooling Oil

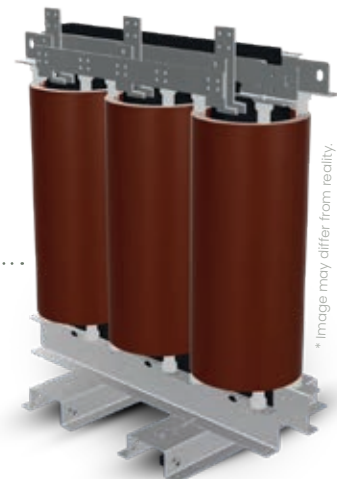
Making them environmentally friendly.

Fire Retardant Class

Making them suitable for indoor applications.

Compact Design

Allowing the transformer to be safely installed indoors.



* Image may differ from reality.

EcoDesign

EcoDesign Tier 2 represents the EU's commitment to reducing energy consumption and environmental impact through efficient transformer design. This regulation, an evolution of the initial EcoDesign directive, sets stricter energy efficiency standards for transformers. It aims to reduce losses, save energy, and lower greenhouse gas emissions. Compliant transformers under Tier 2 are designed to be more energy-efficient, ensuring that they meet the advanced requirements for environmental conservation. This regulation reflects a significant step towards sustainable energy solutions in the EU, emphasizing the importance of eco-friendly practices in transformer manufacturing and usage.



IEC Standards

Besides the EcoDesign Tier 2 standards we adhere to the International Electrotechnical Commission (IEC) standards, ensuring that our transformers meet the highest quality and safety requirements. These standards encompass various aspects of transformer design, construction, performance, and testing, guaranteeing reliable and efficient operation. By complying with IEC standards, we prioritize the safety, reliability, and performance of our transformers, providing our customers with products that meet international benchmarks for excellence.





Service & Maintenance

At Protrafo, we believe in providing our customers with more than just products. We offer a steadfast partnership for unrivaled service and maintenance. Besides our service location in Emmen, we have an extensive network of service partners across Europe. Enabling us to deliver top-notch service and maintenance swiftly and efficiently throughout the continent. Additionally, we can also provide installation of our transformers through our partners. With Protrafo, you're not just getting a product; you're gaining a reliable partner committed to your success.

Testing

We utilize state-of-the-art testing equipment to meticulously assess the performance and reliability of our transformers. Our advanced testing capabilities cover a wide range of parameters, from insulation resistance to load capability, guaranteeing optimal functionality in diverse operating conditions. In addition to laboratory testing, we also perform thorough on-site inspections at project locations. This hands-on approach allows us to verify installation integrity, identify potential issues, and provide tailored recommendations for optimal transformer performance.

Guarantees

We stand firmly behind the quality of our products. That's why we offer a standard 2-year warranty, extendable to 5 years with Protrafo Insights. Our generous warranty terms are made possible by our exclusive use of premium-grade components. Additionally, we provide the option to equip existing transformers with Protrafo Insights for enhanced performance and peace of mind.

Powering Europe

Protrafo transformers are highly valued across various industries in countries in and outside of Europe for their unmatched quality and reliability. We offer bespoke solutions, tailoring transformers to specific industrial needs. Our energy-efficient design minimizes operational costs and power losses.



APPLICATIONS

- › Distribution Substations
- › EV Charge Infrastructure
- › Transmission Substations
- › Solarfields
- › Wind Energy
- › Data Centers
- › Industrial Plants
- › Marine & Offshore
- › Railway & Transportation
- › Chemicals & Petrochemicals

Protrafo Insights

Advanced Technologies

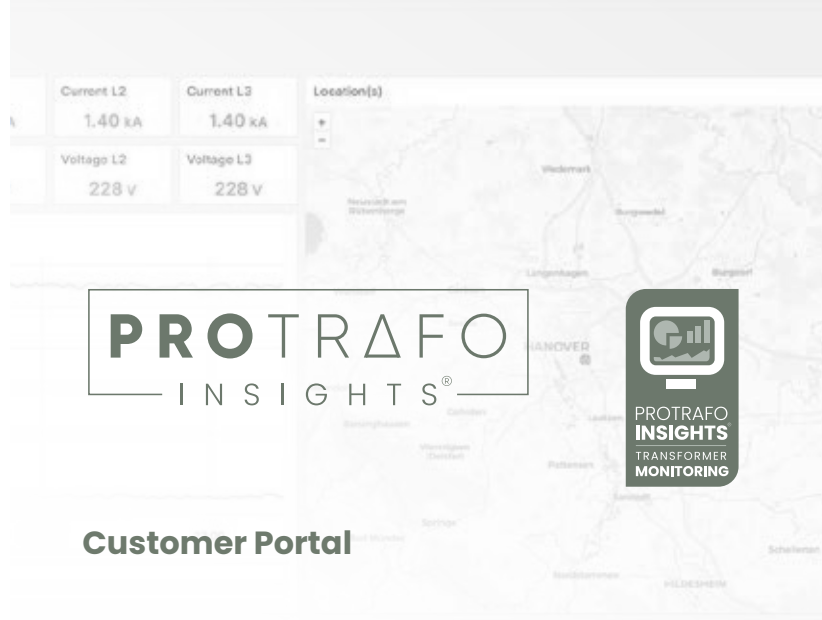
Protrafo Insights uses advanced hardware capable of accurately and reliably analyzing the transformer status, like oil temperature, tank pressure, winding temperature, power quality and much more. This allows us to detect potential defects, insulation problems and overheating early, long before they lead to serious failures or outages.

Data analysis and predictive insights

Through advanced data analysis techniques and algorithms, the data collected from the advanced hardware are thoroughly analyzed. This allows us to generate valuable insights and predictive models that help customers make data-driven decisions and plan maintenance activities based on the actual condition of the transformer.

Customizable Service

Protrafo Insights can be tailored to our customers specific needs and requirements. We offer flexible service plans, reporting frequencies and analytical dashboards to suit each customer's unique environment and business processes.



Customer Portal

Through our customer portal, customers have 24/7 access to their transformer data. They can view graphs, trends, reports, analyze data, and make informed decisions regarding maintenance, optimization, and failure prevention.

Proactive Maintenance and Failure Prevention

Protrafo Insights allows customers to move from reactive to data driven proactive maintenance. By continuously monitoring transformer status, we can identify potentially dangerous situations and failures in a timely manner and take corrective action before they lead to costly downtime or damage.

Gateway with Modbus standard

Protrafo Insights includes a Gateway with Modbus standard. The Gateway allows clients to expand their measurement network and connect multiple sensors. This provides more comprehensive monitoring of critical parameters and the ability to set alarms or triggers.

Extending the Warranty Period

Protrafo Insights provides you with the opportunity to extend the warranty period of your purchase to 5 years. This not only offers peace of mind but also translates into financial benefits. Enjoy coverage for repairs or replacements over an extended period, minimizing unexpected expenses.





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