Lithuanian Low-Voltage Complete Sets of Equipment



Overview

Automatikos sistemos design and manufacture of equipment and systems for the distribution, generation and management of electrical energy.

Key Takeaways

Lithuanian low-voltage complete sets of equipment are designed for safe, reliable, and customizable power distribution, integrating distribution cabinets, switchgear, transformers, and intelligent control systems.

Overview

Lithuanian manufacturers such as Asistemos and UAB OZAS specialize in the design and production of low-voltage complete sets for industrial, commercial, and infrastructure applications. These systems are engineered to ensure high electrical performance, mechanical strength, and safety, while offering flexibility for customized solutions. Key Components1.

Low-

Voltage Distribution Cabinets

Constructed with high-quality materials for durability and protection. Provide excellent electrical performance and mechanical strength. Include intelligent features such as remote monitoring, fault warning, and automatic switching to enhance reliability and safety.

2.

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Switchgear

Fixed or withdrawable low-voltage switchgear options are available, such as GGD, GCK, and GHS168 types. Designed for high reliability, easy maintenance, and flexible line schemes. Can integrate protection, control, metering, and reactive power compensation in a single unit.

3. TransformersDry-type and oil-immersed transformers are used to meet different power requirements. Optimized for high efficiency, energy saving, low noise, and long lifespan.

4.

Automation and Control Systems

Integration of PLC, SCADA, and other automation equipment for remote monitoring, data acquisition, and fault diagnosis. Real-time monitoring systems, such as the “Electrical Cabinet Doctor,” track temperature, insulation, and mechanical performance, enabling self-diagnosis and self-protection. Remote operation capabilities via optical fiber and Ethernet allow adjustment, control, and viewing of substations.

Features and Benefits

Safety and Reliability: Anti-misoperation locking functions and robust system architecture ensure operator safety. Customization: Systems can be tailored to specific user requirements, including non-standard configurations and intelligent solutions. Quality Assurance: Intelligent numerical control production lines and rigorous testing ensure high craftsmanship and product quality.

Comprehensive Solutions: Complete primary and secondary integrated solutions eliminate post-purchase concerns.

Applications

These low-voltage complete sets are suitable for a wide range of sectors, including industrial facilities, commercial buildings, healthcare, education, renewable energy, offshore and marine installations, and agriculture. They are supplied both domestically and internationally, with options for unit or series production. In summary, Lithuanian low-voltage complete sets of equipment combine high-quality components, intelligent monitoring, and flexible customization, providing safe, efficient, and reliable power distribution solutions for diverse applications.

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Article Content

Electrical equipment

Automatikos sistemos design and manufacture of equipment and systems for the distribution, generation and management of electrical energy.

Low – voltage

''Asistemos'' was established in 2000 with a single mission: to deliver innovative, high-tech solutions for a better tomorrow. Company is specializing in the design and manufacture of equipment and systems

Electrical Distribution Equipment

We supply to Lithuanian and foreign partners to order in units and series – in large quantities – the following a wide range of electrical distribution equipment:

Low voltage equipment – Switchgears | Relays | Circuit breakers ...

Low voltage equipment WARTA - LOW VOLTAGE SWITCHGEARS WARTA- is a modular panel system for power distribution and motor control centers up to 1000V and 8500A

Low-voltage Protection Equipment in Lithuania

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This solution covers a complete set of power equipment from low-voltage distribution cabinets, high-voltage switchgear to transformers, automation control systems, etc., aiming to provide

About us

With a production area of 16,000 square meters and a team of 300 highly skilled employees, we are the largest manufacturer of 0.4-24kV distribution equipment and systems in the Baltic States.

Electrical equipment and systems Lithuania

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Since 1996, we have been one of the largest manufacturers of electrical equipment in Lithuania. We design and manufacture medium- and low-voltage electrical equipment and their metal structures...

HV/LV Complete Electrical Equipment

This solution covers a complete set of power equipment from low-voltage distribution cabinets, high-voltage switchgear to transformers, automation control systems, etc., aiming to provide

High and Low Voltage Complete Sets

High and Low Voltage Complete Sets These products are highly integrated, compact in size, structurally compact, safe and reliable in operation, easy to maintain, and portable. In distribution systems, they

Lithuania Electricity Security Policy – Analysis

Lithuania Electricity Security Policy - Analysis and findings. An article by the International Energy Agency.

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Power system

We provide the power transmission service to the users of the high-voltage grid and ensure equal conditions for the connection to and use of the grid. Furthermore, we organise connection of the

LITGRID AB 2014

Development of the high-voltage electricity transmission grid must reflect long-term plans and strategic guidelines such as the Lithuanian state''s ambition to achieve energy independence, the energy

Annual Report on Electricity and Natural Gas Markets of the ...

Having assessed the costs and historical discrepancies of a DSO with more than 100,000 customers in its service territory, NERC has set an 80.38% increase in the price cap for the medium-voltage

About Us

Wholesale of wide range of cables and wires, cable accessories, installation materials, electrotechnical materials - low and medium voltage products as panels, boxes, switches, automation products and

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Lithuania

In country Lithuania is voltage 220 V and the voltage frequency is 50 Hz. If the voltage in your country is between 220V - 250V (as is in the Europe, Australia and most of Asia) you can use your equipment.

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EU project coordination: Parque das Nações, Lisbon, Portugal

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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