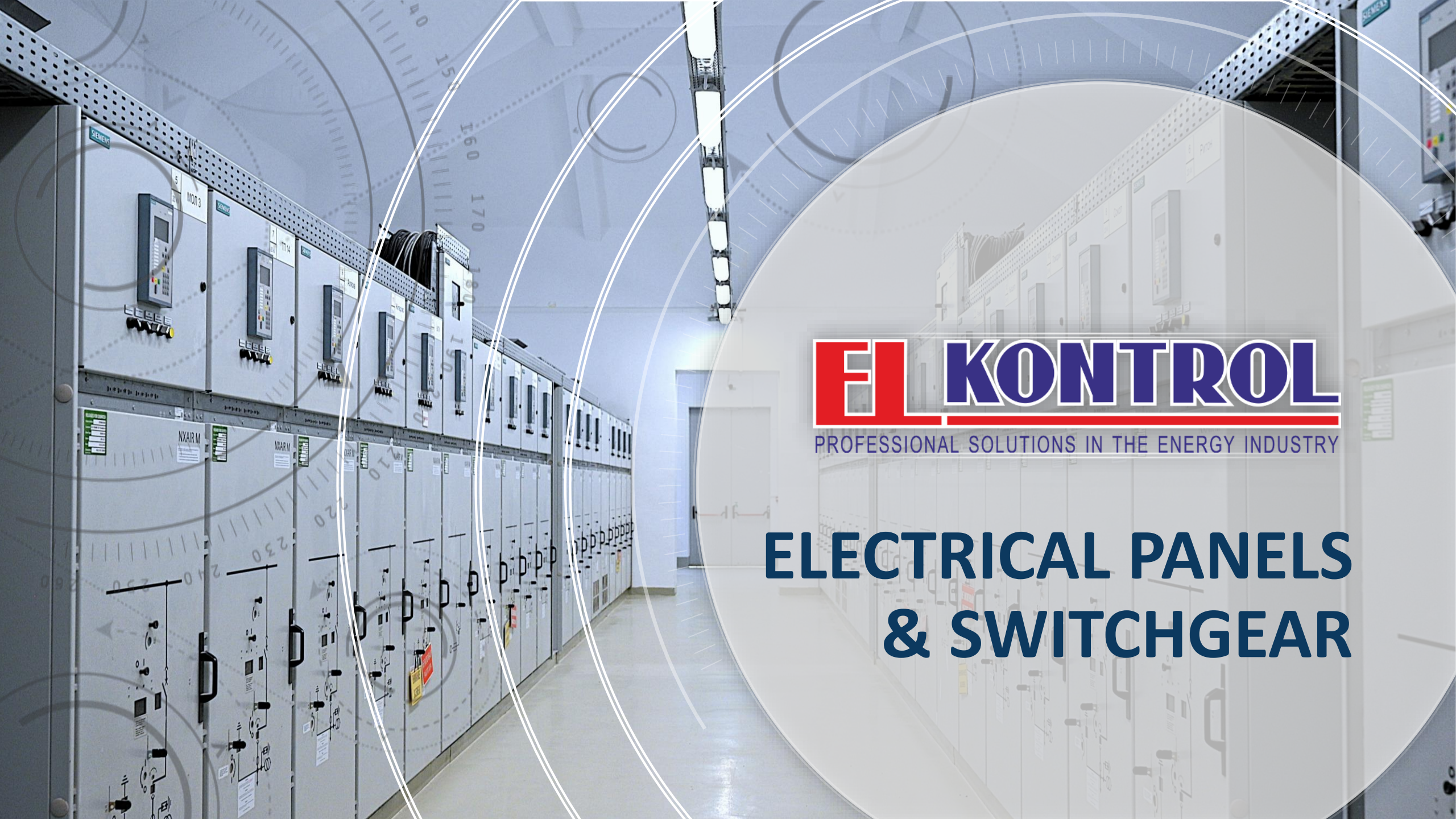




EL KONTROL
PROFESSIONAL SOLUTIONS IN THE ENERGY INDUSTRY

**ELECTRICAL PANELS
& SWITCHGEAR**

COMPANY OVERVIEW

EL KONTROL EOOD | Integrated EPC Solutions for Power & Industrial Infrastructure

Founded: 1999 | Headquarters: Stara Zagora, Bulgaria

An engineering and manufacturing company with over **25 years of experience**. We build energy infrastructure facilities and provide comprehensive solutions – from design and production to implementation and maintenance of electrical panels, smart automation systems, and industrial drives.

CORE BUSINESS

Electrical Panel & Switchgear Manufacturing

Design and production of electrical panels and complete distribution switchgear.

EPC Contracting

Full EPC delivery covering engineering, procurement, and construction.

Equipment Supply

Reliable sourcing and supply of electrical components.



HIGHLIGHTS - 2026

190+ employees occupied in
7 key areas of our portfolio

Over Euro 39 million in
annual turnover

29 000 m2 of facility
plots

5 000 m2 of production
facilities



SECTORS SERVED



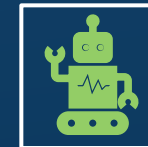
Power
Generation &
Energy
Infrastructure



Power
Transmission &
Distribution
Networks



Industrial
Energy &
Electrical
Infrastructure



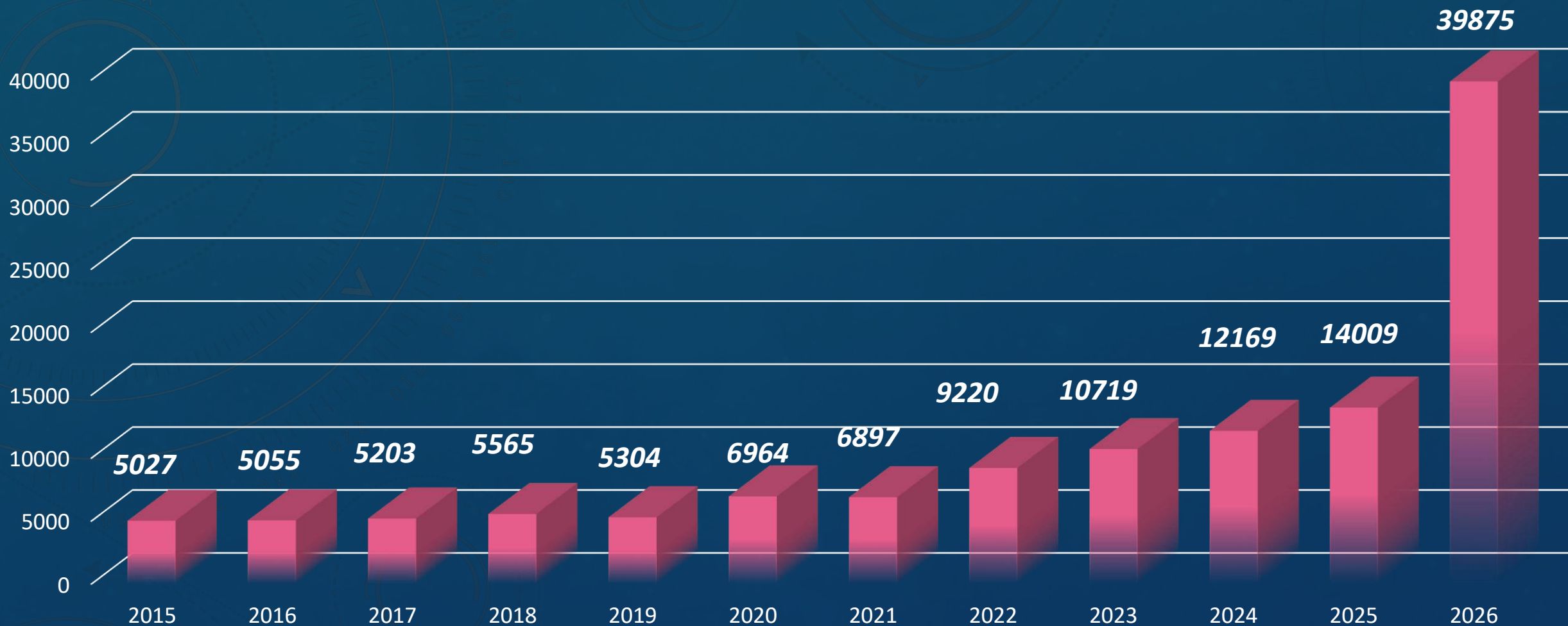
Intelligent
Power,
Automation &
Control Systems



Public &
Commercial
Energy Facilities

TURNOVER (THOUSANDS EURO)

2015 - 2026



■ *total turnover*

PERSONNEL

Our core asset is our flexible, expert workforce.

A Balanced Team

We integrate seasoned professionals with ambitious young specialists.

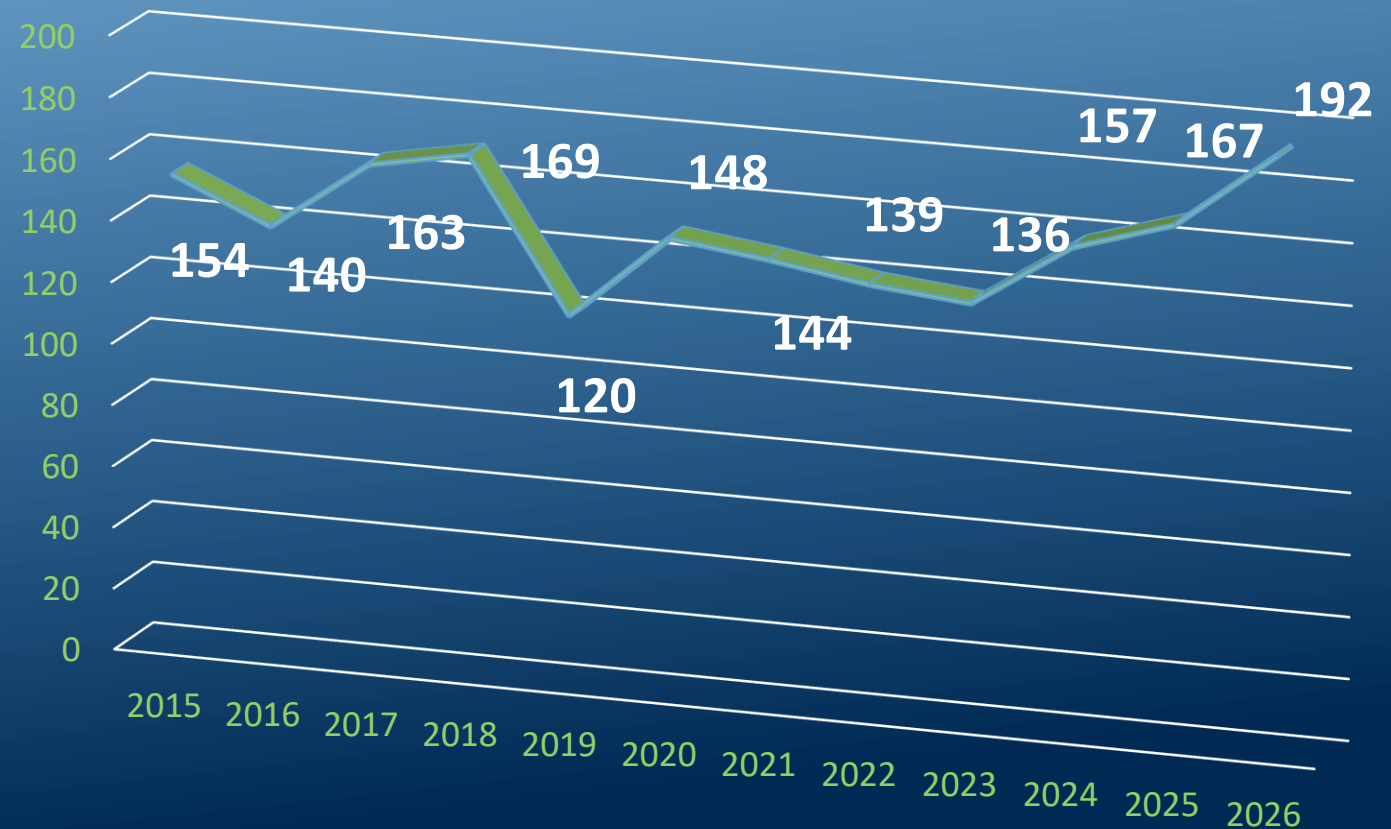
Proven Expertise

Our staff includes certified engineers, designers, technicians, electricians, and construction workers.

Scalable Solutions

We efficiently augment our team with additional qualified personnel to meet specific project requirements.

Average number of personnel 2015 - 2026



Certificate

Standard **BDS EN ISO 45001:2023**

Certificate Registr. No. TRBA 213 2520004

TÜV Rheinland Bulgaria EOOD certifies:

Certificate Holder **EL KONTROL EOOD**
17A Patriarh Evtimiy Blvd.
6006 Stara Zagora
Bulgaria

Scope Engineering, construction and commissioning of electrical switchgears and other equipment, including those of the railway infrastructure. Maintenance works and services in the Energy Industry. Manufacturing of electrical switchboards. Sale of electrical equipment. Inspection Body Type "C". Automation and service maintenance of industrial electronics and frequency controls/regulators for electrical drives.

Proof has been furnished by means of an audit that the requirements of BDS EN ISO 45001:2023 are met.

Validity The certificate is valid from **03.04.2025** until **02.04.2028**

03.04.2025

TÜV Rheinland Bulgaria EOOD
36 Dragan Tsvankov Blvd., 1040 Sofia

www.tuv.com



Certificate

Standard **BDS EN ISO 14001:2015**

Certificate Registr. No. TRBA 104 2520004

TÜV Rheinland Bulgaria EOOD certifies:

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TÜV Rheinland Bulgaria EOOD
36 Dragan Tsvankov Blvd., 1040 Sofia

www.tuv.com



Certificate

Standard **BDS EN ISO 9001:2015**

Certificate Registr. No. TRBA 100 2520004

TÜV Rheinland Bulgaria EOOD certifies:

Certificate Holder **EL KONTROL EOOD**
17A Patriarh Evtimiy Blvd.
6006 Stara Zagora
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Validity The certificate is valid from **03.04.2025** until **02.04.2028**.

03.04.2025

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CERTIFICATION

Our quality, safety, and environmental performance are ensured through certification to the global standards:

- **ISO 9001**
- **ISO 45001**
- **ISO 14001**



Our Mission

To deliver integrated solutions for the power and industrial sectors – covering the entire project lifecycle from initial concept and design to manufacturing, implementation, and after-sales support.

Our Vision

To be a trusted and recognized EPC partner for innovation and technical excellence, delivering reliable power infrastructure solutions.



KEY CUSTOMERS

We maintain long-term contractual relationships with major investors in the Bulgarian energy and industrial sectors.

Key reference include:

- Bulgarian Electrical System Operator - ESO
- Bulgarian National Electric Company - NEC
- Thermal Power Plants, Nuclear Power Plants, Solar Parks, Wind farms
- Bulgarian and foreign industrial companies
- Municipalities and public infrastructure companies.



HOW WE ENGINEER ELECTRICAL PANELS

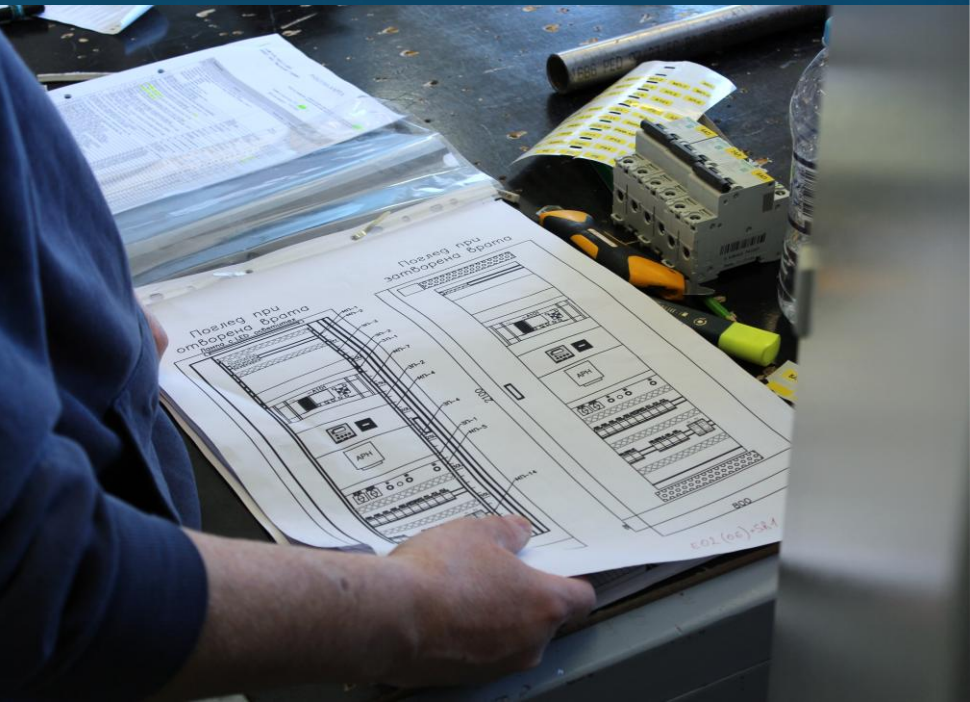
From your initial requirements to the final tested product, our process is built on precision, partnership, and proven quality standards.



Consultation & Conceptual Design

It starts with your needs.

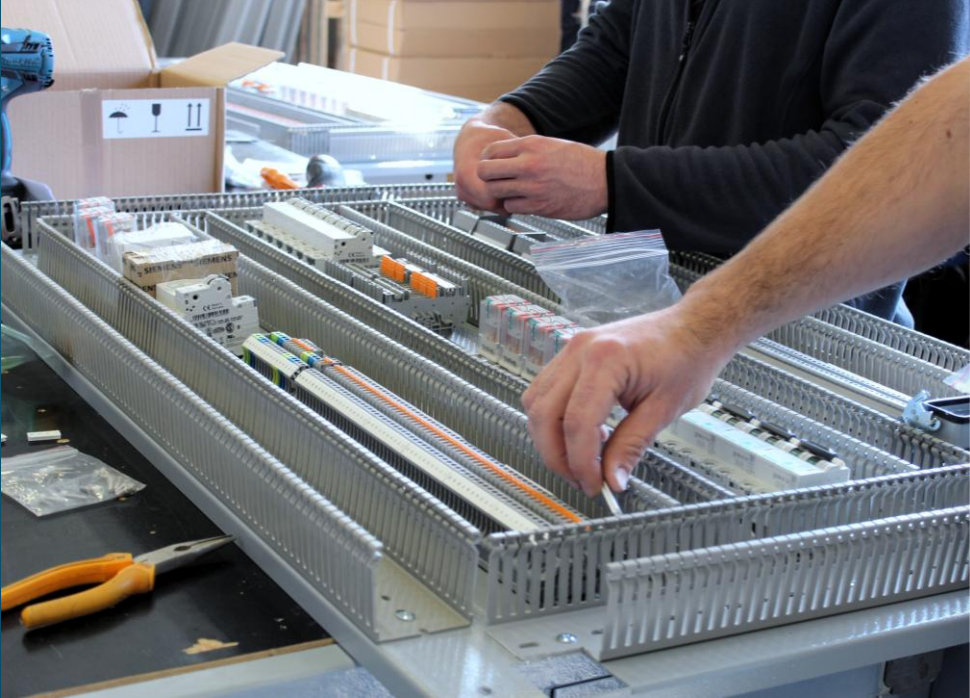
We begin with in-depth consultation to understand your exact technical parameters and operational goals. Our engineers then propose the most suitable and efficient solution, ensuring the design is perfectly aligned with your project.



Engineering & Design

Precision in every detail.

Using advanced software like **EPLAN**, we develop fully customized designs and schematics tailored to the specific application of the panels. This digital precision ensures accuracy, optimizes layout, and prevents errors before production begins.



Component Sourcing & Partnerships

Built with trusted components.

Our panels are assembled exclusively with components and equipment from leading global manufacturers.

EL KONTROL is an **authorized partner** of world-leading brands.



Production & Quality Assurance

End-to-End Assembly & Final Verification.

Our production process includes precise assembly, accurate wiring, clear labeling, and comprehensive testing.

Every panel is inspected and tested in compliance with the **BDS EN 61439-2** standard ensuring safety, reliability, and full regulatory compliance before delivery.

Complete Product Delivery & Documentation

Each panel is delivered as a finished unit, accompanied by a complete set of technical documentation:

- Technical Specifications & Diagrams
- Detailed Operating Manuals
- Quality Certificates & Declarations of Conformity
- Test Reports

After-Sales Support & Commissioning

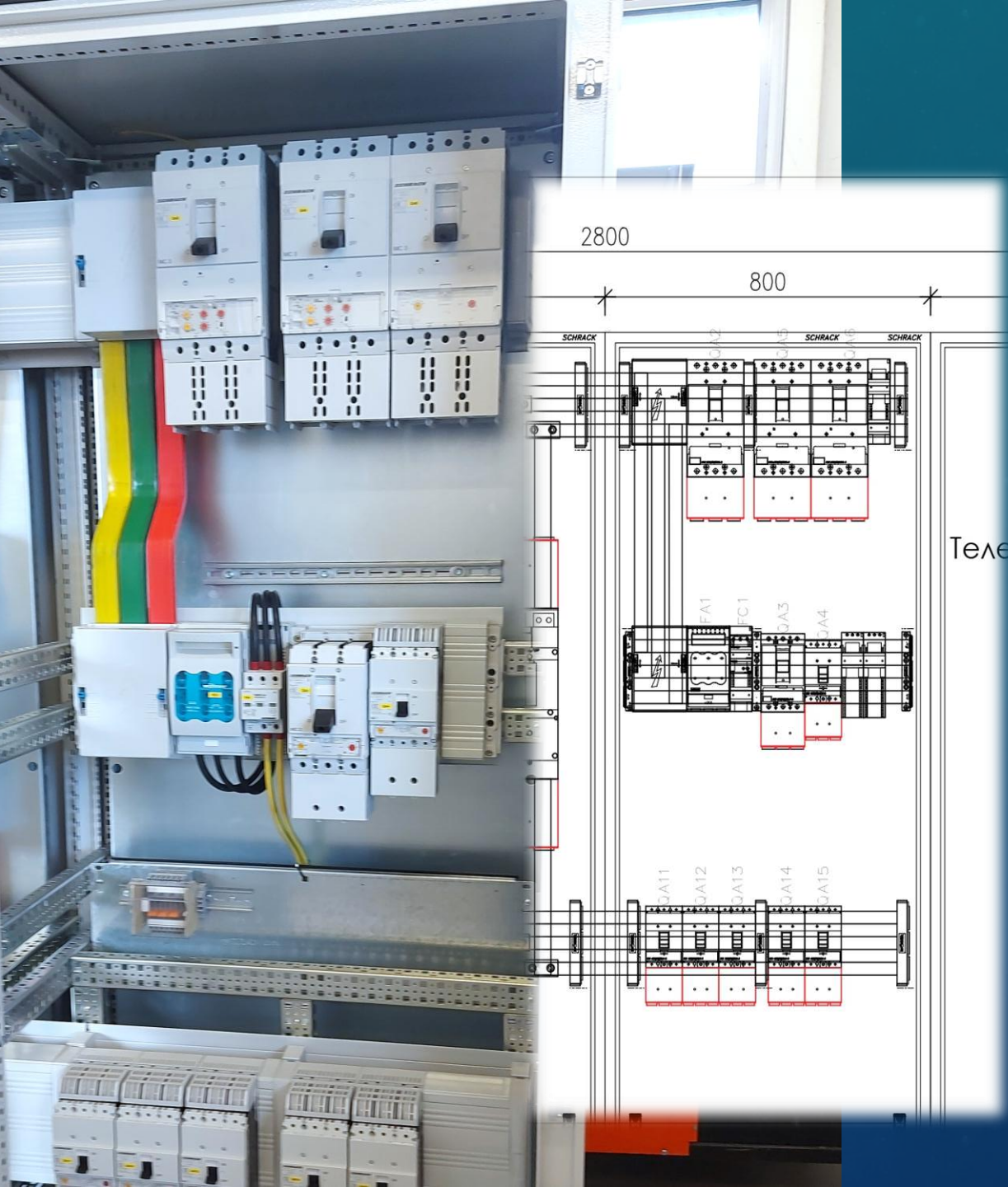
- Transport and delivery to your site.
- Professional installation and integration to the electrical network or system.
- Full system commissioning, start-up, and operational handover

A COMPREHENSIVE SERVICE PACKAGE



The image shows a detailed view of an industrial electrical control cabinet. On the left, a large black ABB circuit breaker is mounted on a metal rail. To its right, a white terminal block is connected to various colored wires. The central part of the cabinet features a complex arrangement of components, including a blue terminal block, a green terminal block, and a black terminal block. A large bundle of red and green wires is bundled together and connected to a terminal block. Below these, there are several black modules, including a power supply unit and a control unit. The cabinet is filled with various electrical components, including relays, fuses, and terminal blocks, all connected by a network of colored wires. The background shows the interior of the cabinet, which is made of metal and has a perforated door. The text "PRODUCTION PORTFOLIO" is overlaid on the right side of the image in a bold, blue, sans-serif font.

PRODUCTION PORTFOLIO



LOW-VOLTAGE POWER DISTRIBUTION PANELS

Technical Specifications

Construction: Wall-mounted (surface/flush) or free-standing cabinets. Available with mounting plate or individual protective panels.

Protection: IP30(31), IP40(41), IP55, IP65.

Option: Automatic Transfer Switch (ATS) for uninterrupted power in critical facilities (hospitals, telecom, industry).

Control: Relay-based, PLC, or dedicated ATS controllers.



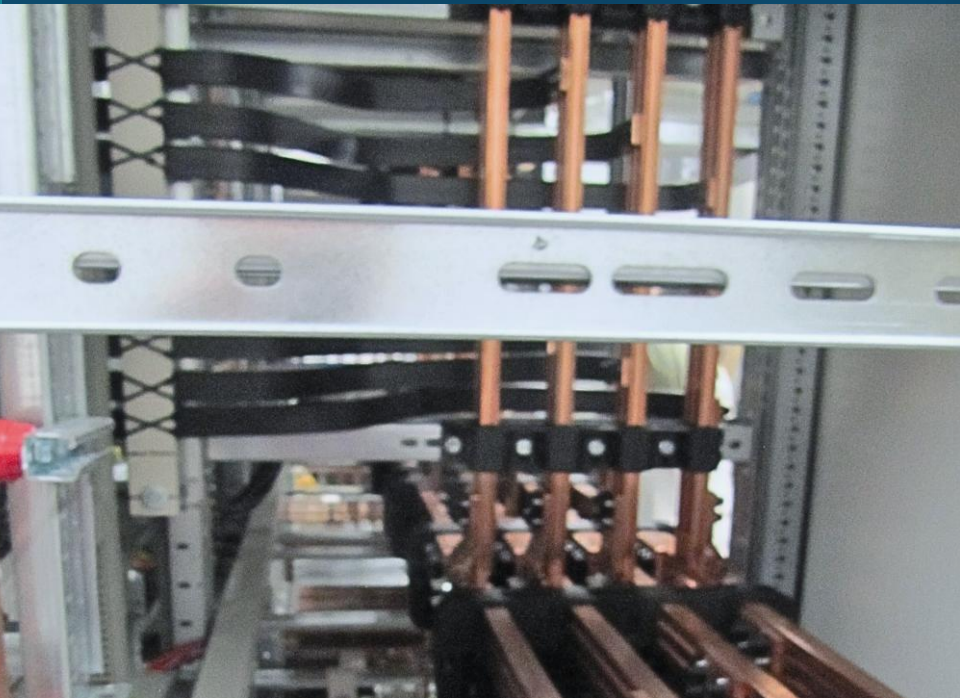
TYPE-TESTED LOW-VOLTAGE DISTRIBUTION PANELS

Intelligent Protection

Modular distribution panels represent the next generation in electrical distribution technology, offering unparalleled adaptability, safety, and energy efficiency for both commercial and industrial facilities. These intelligent systems provide organized power distribution while maintaining the flexibility to adapt to changing electrical requirements without the need for a complete system overhaul.

Arc Protection

Arc-protected low-voltage busbars utilize optical sensors and fast-acting relays to detect and isolate a fault within milliseconds. This drastically reduces arc duration and energy, providing a level of protection that surpasses standard maintenance requirements.



SIVACON S8

Licensed SIEMENS Technology, Manufactured to Global Standards

SIVACON S8 is a type-tested low-voltage distribution switchgear system with a rated current of up to 7000 A and short-circuit withstand capability of up to 150 kA (I_{cw}, 1 s). It stands out with its exceptionally **compact design**, making it the ideal solution for data centers, marine transport, and industries with limited space.

Engineered to ensure **reliable and safe control** of electrical energy in industrial and infrastructure facilities, this switchboard offers full configuration flexibility to meet specific customer requirements.

Engineered for Superior Safety and Adaptability

Features arc-resistant construction and future-proof modularity.

A Trusted Partnership for Global Projects

EL KONTROL manufactures the SIVACON S8 as a licensed SIEMENS Technology Partner.



CONTROL & RELAY PANELS

Intelligent Shield Against Costly Downtime

Continuous Control & Monitoring of critical equipment in power substations. Automated data transmission to dispatch centers, ensuring accurate and timely information about the system's condition.

Open Architecture

Flexibility and compatibility with various **SCADA** systems and communication protocols for seamless integration.

Custom Engineering

Custom design tailored to the client's specific requirements for functionality, space constraints, and future expansion.



Certificate

grid+ Partner Program

EL KONTROL EOOD

17A, Sveti Patriarh Evtimiy Blvd.
6006, Stara Zagora
Bulgaria

is a certified grid+ Partner of the Siemens Electrification and Automation Business Unit.
This company is authorized to use the name **Siemens Approved Partner** and the Partner Emblem for the following product portfolio:

- **REYROLLE**

The certificate is valid until end of September 2027.

Erlangen, 01.09.2025

Electronically signed by:
Lamine Jendoubi
Date: Sep 12, 2025
22:17:41 GMT+2

Electronically signed by:
Uwe Gerber
Date: Sep 12, 2025
13:26:43 GMT+2

Lamine Jendoubi
Head of SIEA Sales

Uwe Gerber
Head of SIEA Sales Finance

[siemens.com/gridpluspartnerfinder](https://www.siemens.com/gridpluspartnerfinder)



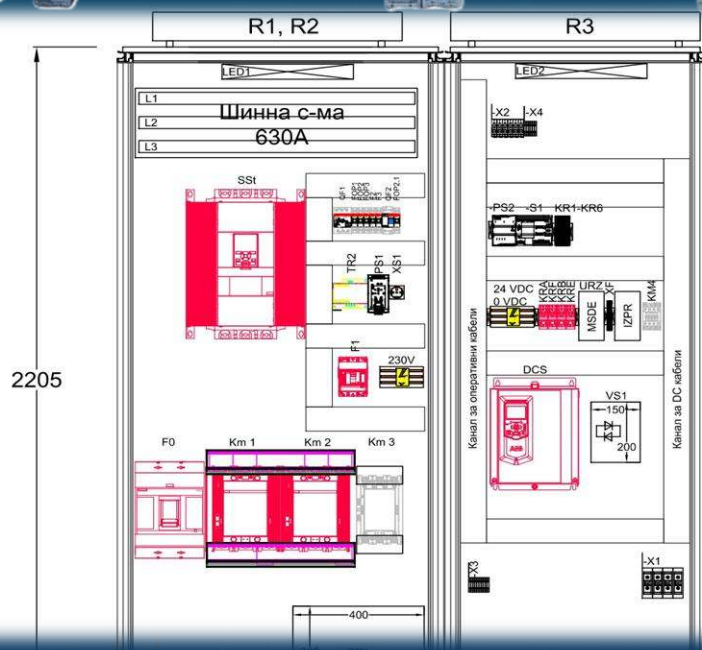
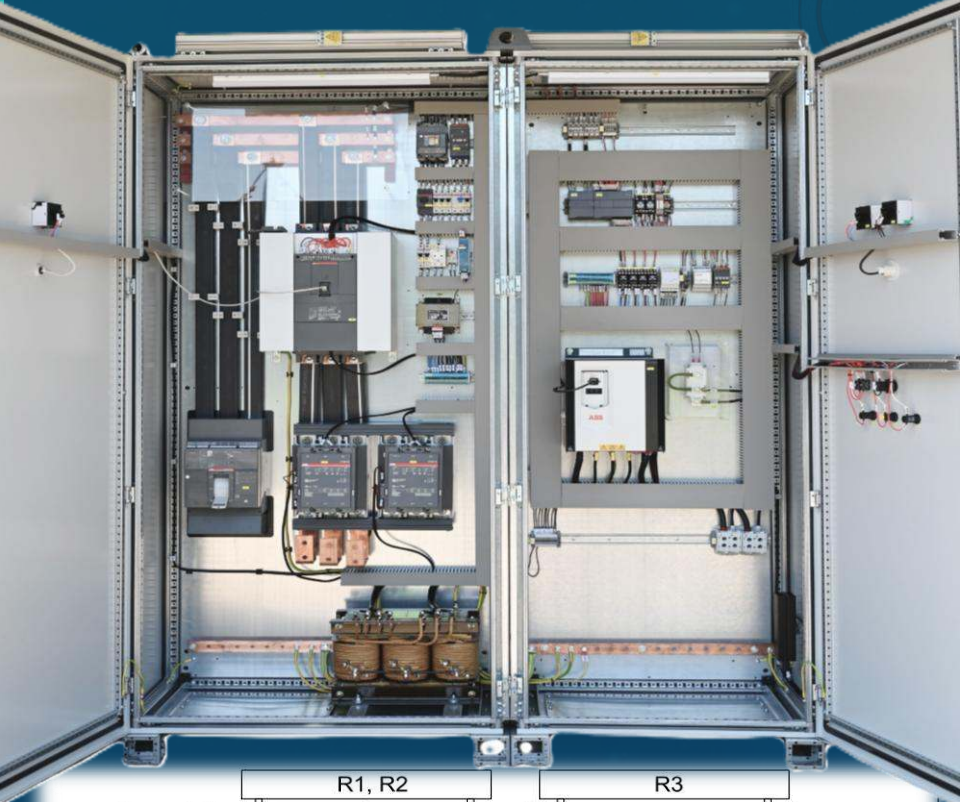
SIEMENS

EL KONTROL is a certified **Approved Partner of Siemens** for the integration of products from the Smart Infrastructure portfolio.

We provide relay protection solutions and power sites management systems based on **SIEMENS** products.

We configure, set-up and install **SIPROTEC, REYROLLE** relay protection.

Our engineers are authorized to train customers' personnel on relay protection.



AUTOMATION PANELS

A key component of the modern industrial automation

They integrate cutting-edge technologies for process control, monitoring, protection, and optimization, ensuring that every machine and system operates with peak efficiency, uncompromising safety, and total reliability.

Application-Specific Solutions:

Motor Control Centers (MCC)

Machine and Process Automation Panels

Energy Monitoring & Management Panels

Field Control Panels for Industrial Environments

Building Automation Panels (Lighting, HVAC)

VARIABLE FREQUENCY DRIVES

We integrate frequency drives, rectifiers, soft starters and photovoltaic inverters.

EL KONTROL is certified as:

Siemens Solution Partner for engineering solutions in the **Automation and Drives** segment.

ABB Authorized Value Provider for servicing, installation and warranty maintenance of ABB variable speed drives.

Danfoss Service Partner



DISTRIBUTION PANELS FOR BUILDINGS

Distribution panels are the reliable core of any modern building's electrical infrastructure. They ensure that electricity is delivered safely, efficiently, and intelligently to every point of consumption.

Our Panel Range for Buildings:

Metering Panels for precise measurement and transparent billing of energy consumption per tenant, department, or facility.

Main & Sub-Distribution Panels serving as the primary distribution nodes in residential, commercial, and industrial buildings.

Final Distribution & Apartment Panels Compact and user-friendly panels for safe end-point distribution in apartments, offices, and public spaces.



SOCKET DISTRIBUTION PANELS

Proven. Safe. Functional.

Portable and stationary socket panels engineered to deliver uninterrupted and secure temporary power precisely where and when it's needed.

Equipped with individual or group Residual Current Devices, they provide maximum electrical safety and personnel protection. *Application:*

Construction sites and outdoor installations

Workshops and industrial facilities

Campgrounds and event venues

Any location requiring a stable temporary power source.



AC AUXILIARY PANELS

Auxiliary panels are the backbone of electrical control systems, providing power distribution, protection, and monitoring for critical auxiliary circuits.

Purpose

Designed to distribute and control alternating current (AC) power for supporting systems such as lighting, heating, ventilation, motor control circuits, and general-purpose outlets.

Applications

Powering manufacturing line automation systems, building HVAC control, lighting and socket networks.



DC AUXILIARY PANELS

Purpose

Provide reliable direct current (DC) power for control, protection, and emergency systems where continuity, stability, and independence from AC grid fluctuations are critical.

Applications

Independent power supply for protection relays and control systems in power substations, emergency lighting, control systems in transportation, and telecommunications cabinets



METERING PANELS

Designed to deliver accurate, real-time insights into electricity consumption, enabling informed decisions and cost control.

FUNCTIONAL CAPABILITIES:

Remote Reading

Featuring remote reading capabilities for static electricity meters.

Advanced Protection

Equipped with overvoltage protection for measurement, control, and data circuits.

Integrated Monitoring

Include alarm functions that signal any deviation from normal operating conditions.



CONTROL CABINETS

Smart control for outdoor electrical installations.

Control cabinets are a key component in outdoor switchgear, providing efficient local management and monitoring of high-voltage equipment.

Main Functions:

Equipment Control Enables local or remote control of field devices (breakers, disconnectors).

Signaling & Protection Provides clear signaling and integrated protection functions for safe operation

System Monitoring Allows continuous monitoring of key system performance parameters.

Communication & Integration Offers communication capabilities for seamless integration into higher-level control systems.



MOVABLE MV SWITCHGEAR FOR OUTDOOR USE



Power distribution – anywhere needed.

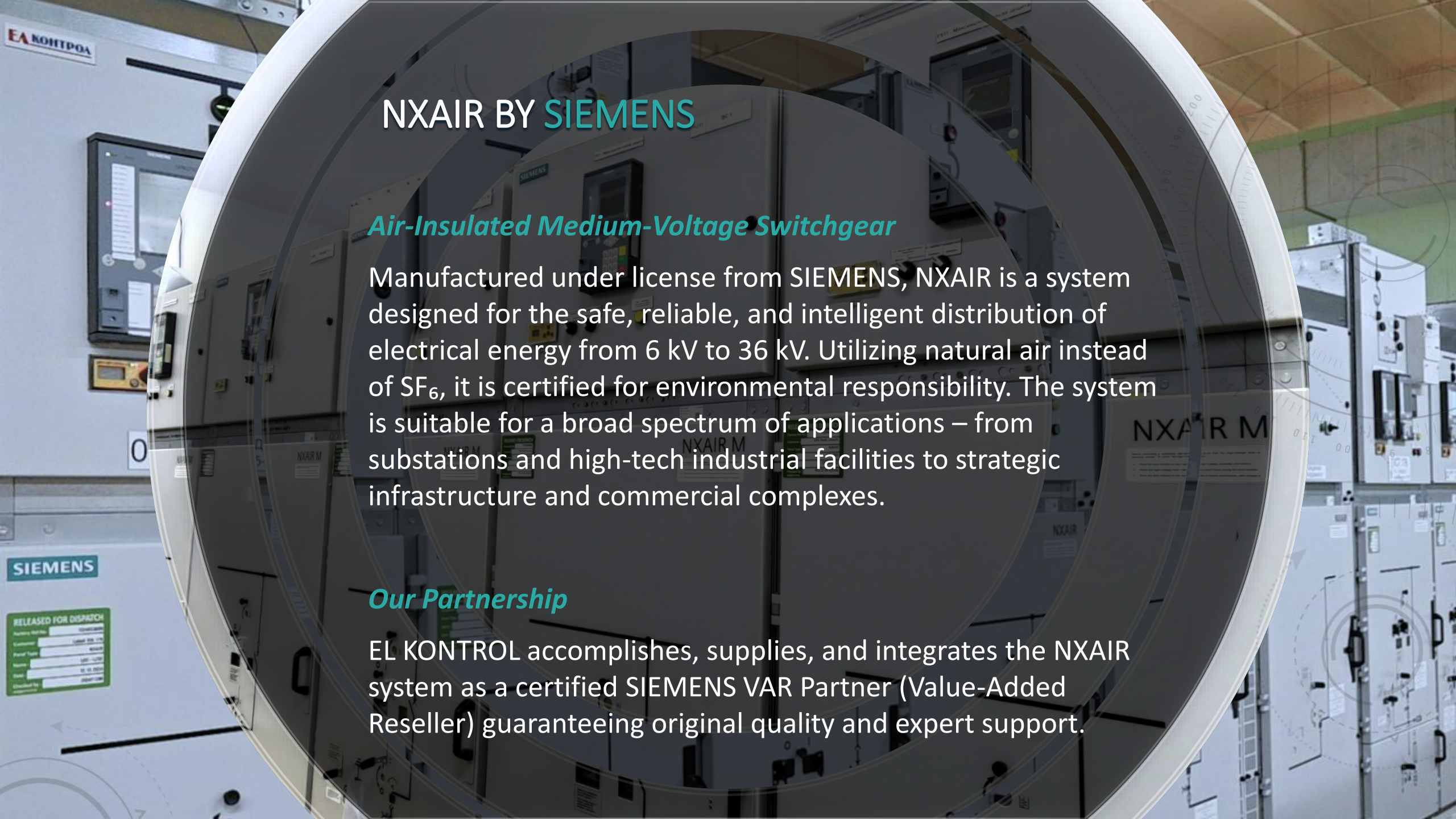
The 6 kV and 20 kV mobile switchgear is engineered to ensure continuous and reliable power supply in the most demanding environments.

Patent Patented by EL KONTROL, fully complies with the applicable technical standards and safety requirements: BDS EN IEC 62271-202:2022, BDS EN 60694:2003.

Mobility Mounted on a solid tubular frame sledge-type for easy relocation. Ideal for changing project sites.

All-Weather Reliability Built with corrosion-resistant materials and high protection class for uninterrupted operation outdoors.

Turnkey Solution Supplied fully assembled, tested, and ready for connection, minimizing on-site work and complexity.



NXAIR BY SIEMENS

Air-Insulated Medium-Voltage Switchgear

Manufactured under license from SIEMENS, NXAIR is a system designed for the safe, reliable, and intelligent distribution of electrical energy from 6 kV to 36 kV. Utilizing natural air instead of SF₆, it is certified for environmental responsibility. The system is suitable for a broad spectrum of applications – from substations and high-tech industrial facilities to strategic infrastructure and commercial complexes.

Our Partnership

EL KONTROL accomplishes, supplies, and integrates the NXAIR system as a certified SIEMENS VAR Partner (Value-Added Reseller) guaranteeing original quality and expert support.

OKKEN BY SCHNEIDER ELECTRIC

Low Voltage Power Distribution Switchboard

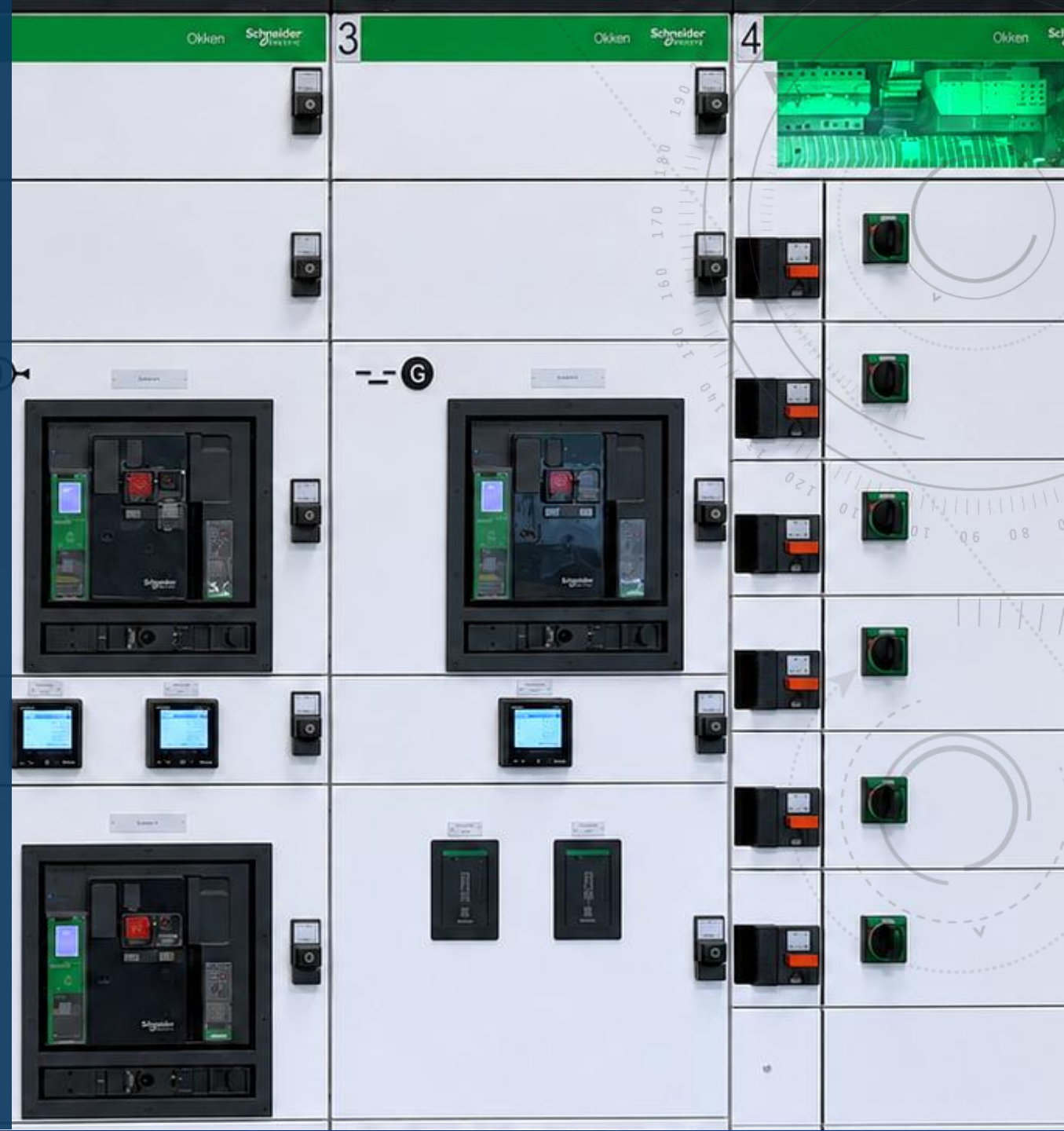
OKKEN is a type-tested assembly (IEC 61439-1/2) for power distribution and motor control, rated up to **7300 A** with short-circuit withstand up to **150 kA**.

Key features:

- **Withdrawable functional units** for maintenance without power interruption
- **Compact, modular design**
- **Advanced protection** and permanent thermal monitoring
- **Seismic-rated** for harsh operating environments
- **Seamless integration** with energy management systems (EcoStruxure)

License

EL KONTROL is currently acquiring a manufacturing license for Schneider Electric's OKKEN switchboards, under the EcoXpert Power partnership.





SYSTEM PRO E-POWER BY ABB

A modular main distribution switchboard solution

Type-tested to IEC 61439-2, with rated current up to 6300 A and short-circuit withstand up to 120 kA.

Key features

Protection: IP30/31, IP40/41, and IP65 configurations

Highly modular: ~500 circuit breaker kit variants, 6 widths, 6 depths, 2 heights

Anti-seismic certification with full electrical/mechanical performance retained during and after seismic events

Passive arc fault protection up to Class A (IEC TR 61641), via automatic pressure-relief roof flaps

Compact footprint - multiple air circuit breakers housed within a single 400 mm wide column



EA КОНТРОЛ

NEW PRODUCTION FACILITY



A new production facility for electrical panels, distribution switchgear and steel structures is under construction.

Location Stara Zagora, Bulgaria

16 500 sq. m Plot area

€6.5 million investment

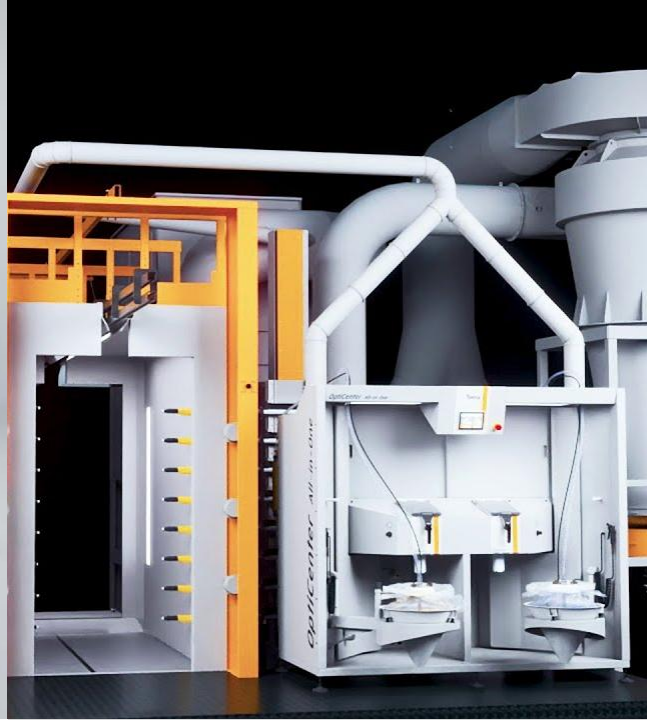
4 000 sq. m Built-up area

Production capacity: 3 000 electrical panels per year

Commissioning: 2027

NEW PRODUCTION FACILITY





PRODUCTION EQUIPMENT

AUTOMATED CABLE PROCESSING CENTER

HYDRAULIC CNC PRESS BRAKE

LASER CUTTING CENTER FOR METAL SHEETS
AND TUBES

AUTOMATED POWDER COATING SYSTEM

LASER WELDING CENTER FOR PRODUCTION OF
STEEL STRUCTURE

WHY EL KONTROL?



**25+ years of proven
EPC delivery in Power
Infrastructure Projects**

**In-house design &
manufacturing of
substation panels and
switchgear**

**Protection, control &
SCADA
System integration**

**Servicing and
integration of industrial
drives**

**Extensive experience
with international
EPC contractors and
utilities**

**End-to-end EPC
delivery for utility and
industrial power
projects**



CONTACT US

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