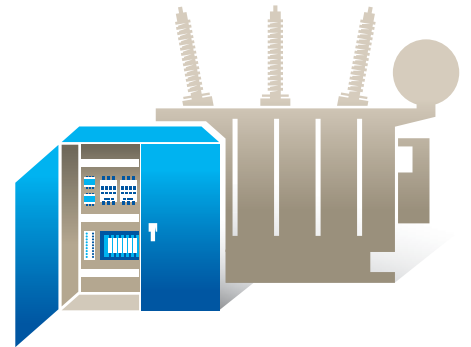


# CONTROL CABINETS FOR POWER TRANSFORMERS



CONTROL CABINETS AND ELECTRICAL  
APPARATUS FOR HIGH VOLTAGE EQUIPMENT

# AN EXPERIENCED PARTNER. QUALITY GUARANTEED.



## PERSONALIZED COLLABORATION FOR YOUR CUSTOM PROJECTS

Our reliable and proven approach owes its success to adaptability. You determine the scope and limits of our role. Does your project require a more elaborate contribution? We have the expertise and services to provide a complete turnkey solution. Whether as a provider working to your technical specifications or an experienced partner that supports your teams, our experience is comprehensive, extensive and recognized.

- Thousands of projects completed
- Up-to-date knowledge of North American standards
- Access to the best available components

## ROBUST AND REASSURING PROJECT MANAGEMENT

A personalized client relationship governed by robust, documented processes ensures your project will be successfully completed on time and on budget.

- A transparent and proactive client-provider relationship
- A regulated and reassuring process
- Compliance tests and controls
- Full deadline compliance

**Technology now offers** advanced and diversified monitoring, automation and control features that can provide an accurate picture of the functioning and status of power transformers. With thousands of projects completed for the world's leading manufacturers, we are your North American specialists in the design, electrical engineering and customized manufacturing of control cabinets for power transformers.

Depending on the desired level of involvement, we take care of the manufacturing of your control cabinets in keeping with your specifications and timetable. Our robust solutions include circuits for all standard accessories as well as electrical wiring and any other electrical apparatus or component provided with the transformer. We speak your language—the language of quality, trust and commitment—and we adapt to your reality.

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**WE SPEAK YOUR LANGUAGE—THE  
LANGUAGE OF QUALITY, TRUST  
AND COMMITMENT—AND WE  
ADAPT TO YOUR REALITY.**

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## HIGHLY SPECIALIZED DESIGN AND ELECTRICAL ENGINEERING

We have made control cabinets for power transformers our specialty and have an established reputation recognized by the industry's key players. Our know-how and processes focus on offering an optimal, reliable and compliant solution through a flexible, professional business relationship.

- High-level technical expertise
- Detailed engineering, schematic representation, wiring and cabling diagrams, layout and bill of materials

## RELIABLE AND SUSTAINABLE MANUFACTURING

Control cabinets are perfectly assembled and tested according to your specifications, your clients' requirements and industry standards.

- Production engineering integrated with manufacturing
- Specification-compliant assembly
- Compliance with industry standards
- Confirmed quality

## TECHNICAL SUPPORT AND SERVICE

To complement our products' reliability, we provide you with technical support and customer service that offer total peace of mind.

- Readily accessible customer service to answer all your questions and quickly solve any problem
- Onsite servicing by a qualified expert for fast and smooth resumption
- Customer service for replacement parts or alternatives

## FULL COMPLIANCE WITH REQUIREMENTS AND INDUSTRY STANDARDS

### STANDARDIZED DESIGN

- CSA/US certified design, compliant with IEEE C57.148 standard if required
- ONAF, OFAF and ODAF standard control circuit, including Auto/Off/Manual and lead stage selector switch
- Interface for level gage alarm, control and protection signals, pressure relay and other transformer components
- Temperature monitoring for critical applications
- Component integration: annunciator, on-load tap-changers, transfer switch, temperature controller, fiber optic sensors and more
- Programming and configuration of controllers, protection relays and communication networks
- Standard terminal layout to control cooling, alarms, trigger circuits and test switches
- Comprehensive set of drawings and wiring diagram, layout and bill of material

### ROBUST COMPONENT SELECTION

- Robust manufacturing terminals for alarms, control, power and measuring
- Terminals for current transformer and test switch
- Protection relays, temperature controller, remote terminal, annunciator, tap changer controller and power transformer monitoring system
- Choice of communication medium such as copper, optical fiber, radio or satellite, according to the required protocol and available infrastructure (DNP3, IEC 61850 and more)
- Robust accessories: GFCI receptacles, heating, ventilation and drain

### SPECIALIZED MANUFACTURING

- Robust NEMA/IEC cabinet for outdoor use made of painted or stainless steel
- Inside doors, 3-point handles, rain protector and industrial-grade hardware
- Support for gages or other components
- Gland plate and external/internal NEMA ground pad
- SIS, ETFE, MTW/TEW wiring
- Numbering and labeling system compliant with client requirements and IEEE Std C37.2
- Provision for cabinet assembly on equipment





## About Nomos

**Since 1989**, Nomos has specialized in electrical design, detailed engineering and manufacturing of customized control cabinets and electrical apparatus for high voltage equipment. Our reputation with the world's most important manufacturers of high voltage equipment is based on thousands of control systems in hundreds of power substations throughout North America.

Our renowned experience, our robust processes and the overall quality of our solutions make Nomos a first-rate, proactive partner.

## About your project

### **WE WANT TO KNOW MORE ABOUT YOU**

Do you have a specific project or particular challenge? Contact us today. We will be happy to speak with you in order to better understand how Nomos can help you. We have a wide offering. We offer a wide range of products and services, backed by tremendous capabilities, a unique approach, and our unwavering commitment. Working closely with you, we will develop the customized solution that perfectly suits your needs.



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