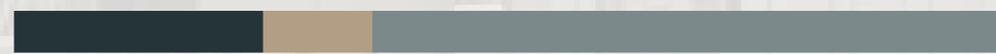




**UNIC CONTROL  
SYSTEMS**



# UNIC CATALOGUE



Since Aug 2017

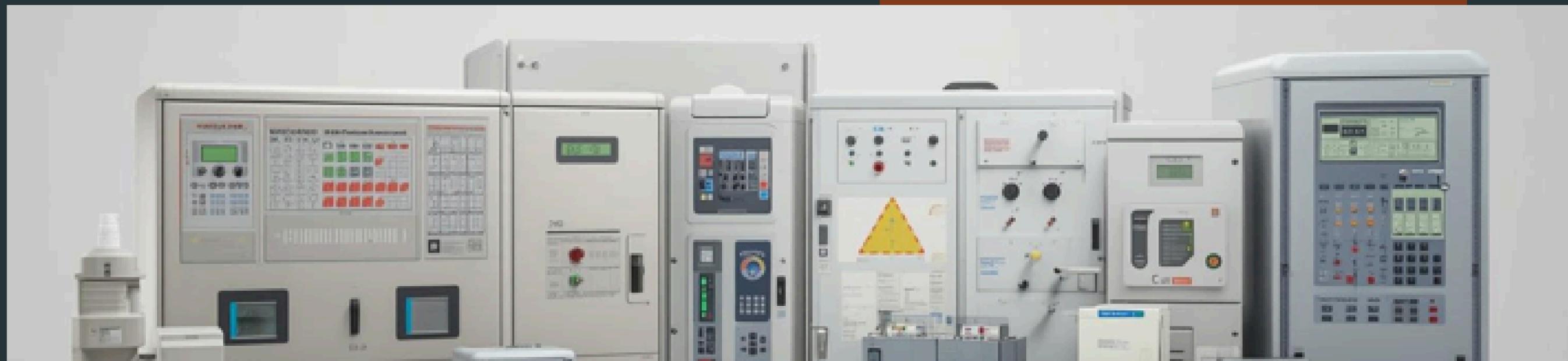
UNIC CONTROL SYSTEMS is a Pune-based industrial automation company established in 2017 specializing in high-quality control panel manufacturing and automation software solutions. With a skilled team and customer-focused approach, we deliver reliable, efficient, and customized automation solutions across industries.

# WHY CHOOSE US

- Experienced Automation Professionals
- Customized Control Panel Solutions
- High-Quality Manufacturing Standards
- Reliable After-Sales Support
- Timely Project Execution
- Cost-Effective & Scalable Solutions
- Customer-Centric Approach

# OUR EXPERTISE

- Industrial Automation Control Panels
- PLC, HMI & SCADA Panels
- MCC, PCC & Distribution Panels
- Software Development for Automation
- Panel Design, Testing & Commissioning
- On-Site Installation & Support



# PLC Control Panels

PLC (Programmable Logic Controller) Panels are the core of modern industrial automation systems. At UNIC CONTROL SYSTEMS, we design PLC panels that ensure precise control, high efficiency, and seamless integration with industrial processes.

## Key Features:

- Reliable automation and process control
- Modular and scalable design
- Easy integration with sensors, actuators, and field devices
- High-speed data processing and communication
- User-friendly operation and maintenance



## Applications

Manufacturing and assembly lines  
Water & wastewater treatment plants

Process industries  
Material handling systems

Packaging machines

# MCC Panels

(Motor Control Centre's)

Motor Control Center (MCC) Panels are used to control and protect multiple electric motors from a central location. Our MCC panels are designed for safe, efficient, and continuous motor operations.

## Key Features:

- Centralized motor control and protection
- High-quality contactors, relays, and protection devices
- Short-circuit, overload, and phase failure protection
- Easy maintenance and troubleshooting
- Robust construction for harsh industrial environments



## Applications

- Pumps, compressors, and conveyors
- Manufacturing plants

- Power plants
- Water treatment facilities

- Heavy industrial machinery

# PCC Panels

## Power Control Centers

Power Control Center (PCC) Panels are designed to distribute electrical power efficiently across industrial facilities. UNIC CONTROL SYSTEMS manufactures PCC panels that ensure safe power distribution and system reliability.

### Key Features:

- Efficient power distribution and load management
- High fault withstand capacity
- Accurate metering and monitoring
- Safe isolation and protection mechanisms
- Compliance with electrical safety standards



### Applications

- Industrial plants and factories
- Infrastructure projects

- Commercial complexes
- Utilities and power distribution systems

# AC / DC Drive Panels

AC & DC Drive Panels are used to control motor speed, torque, and direction, resulting in energy savings and improved process control. Our drive panels are designed for smooth motor operation and enhanced system efficiency.

## Key Features:

- Precise speed and torque control
- Energy-efficient motor operation
- Reduced mechanical stress on equipment
- Built-in protections for motor and drive
- Compatible with PLC and automation systems



## Applications

·Conveyors and material handling  
·Elevators and hoists

·Pumps and fans  
·Crushers and mixers

·Process industries



# Robotic Automation Panels

Robotic Automation Panels are designed to control and monitor robotic systems used in advanced manufacturing environments. UNIC CONTROL SYSTEMS delivers reliable automation panels that enable precise, repeatable, and high-speed robotic operations.

## Key Features:

- Integration with industrial robots and PLCs
- High-speed control and communication
- Safety interlocks and emergency systems
- Seamless HMI and SCADA integration
- Custom-built as per robotic application

## Applications

· Robotic welding and assembly  
· Pick-and-place systems

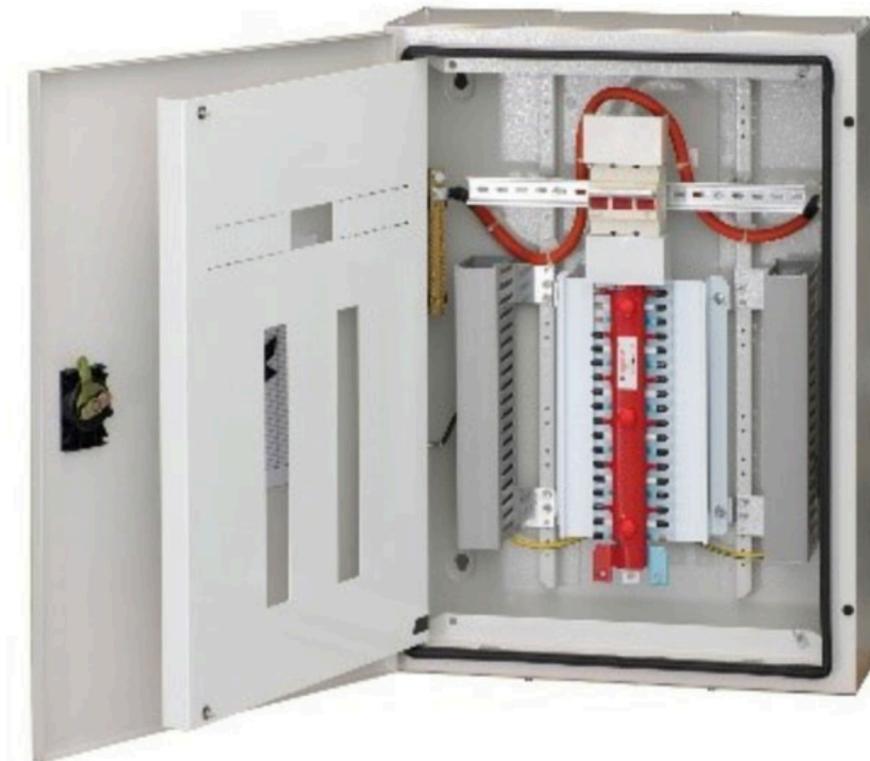
· Palletizing and packaging  
· Automotive and electronics industries

# Power Distribution Panels

Power Distribution Panels are essential for safe and efficient electrical power distribution within industrial and commercial facilities. Our panels are designed to ensure uninterrupted power supply and system safety.

## Key Features:

- Reliable and safe power distribution
- Proper segregation of circuits
- High-quality breakers and protection devices
- Clear labelling for easy operation
- Designed for long service life



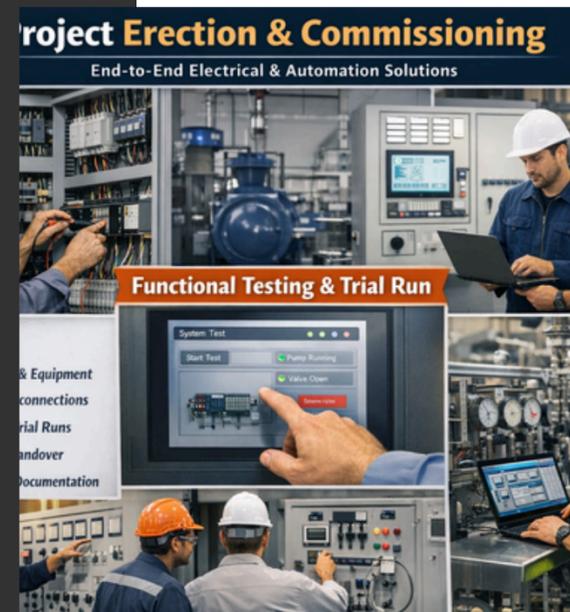
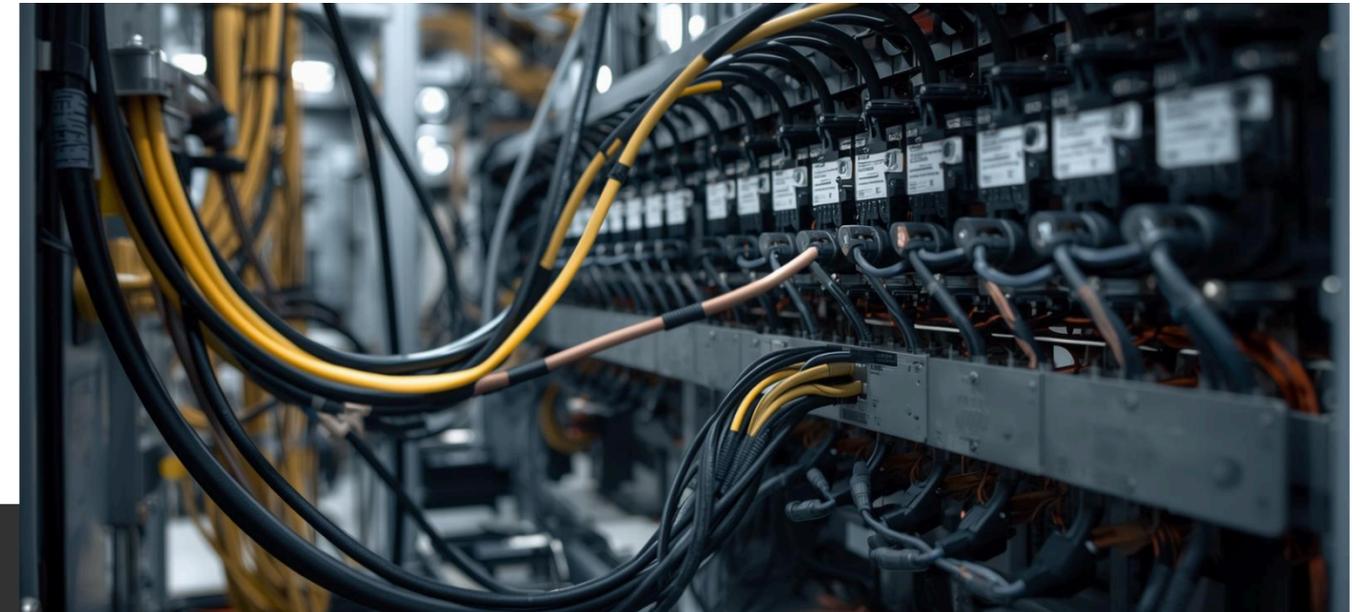
## Applications

- Industrial plants
- Commercial buildings
- Infrastructure projects
- Utility systems

# OTHER WORKS & SERVICES

In addition to control panel manufacturing, UNIC CONTROL SYSTEMS offers a wide range of industrial electrical and automation services. Our experienced engineers and technicians deliver reliable solutions that ensure smooth project execution, system efficiency, and long-term operational performance.

- Field Wiring Services
- PLC Programming
- Human Machine Interfaces (HMI) Development
- SCADA System Installation
- Electrical Panel Modification
- Drive Installation & Programming
- Electrical Annual Maintenance & Preventive Maintenance (AMC)
- Project Erection & Commissioning
- Electrical Material Supply



# CUSTOMIZATION & SUPPORT

We offer custom-designed panels based on:

- Client specifications
- Industry standards
- Application requirements

Our services include design, manufacturing, testing, installation, commissioning, and after-sales support to ensure complete customer satisfaction.

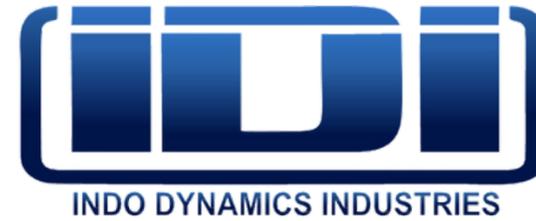
## Quality & Compliance

All panels manufactured by UNIC CONTROL SYSTEMS undergo stringent quality checks and testing to ensure:

- Compliance with applicable IS/IEC standards
- Electrical and mechanical safety
- Reliable performance under industrial conditions



# OUR CLIENTS



We are proud to work with a diverse range of clients who trust Unic Control Systems for reliable control panel solutions and engineering services. Each partnership reflects our commitment to quality, timely delivery, and long-term support.



Our mission to deliver high-quality, reliable, and cost-effective automation solutions that enhance operational efficiency and productivity for our customers, while maintaining the highest standards of safety, quality, and customer satisfaction.

# THANK YOU

+91 8390092528, +91 8390552528, +91 8888444946

info@unicsystems.com

www.unicsystems.com

Shop No 1, Gat No. 467, Nigdi – Talawade Rd, PCMC, Pune,  
Maharashtra - 411062

