



MAXWELL
TECH SOLUTIONS PVT. LTD.

Company Profile





Introduction

Maxwell Tech Solutions Pvt. Ltd. is a leading electrical automation and control panel manufacturing company headquartered in Pimpri, Maharashtra, India. With over two decades of industry experience, we specialize in designing, manufacturing, and commissioning advanced electrical control panels and automation solutions for diverse industrial applications. Our company combines technical expertise with innovative engineering to deliver customized electrical solutions that meet international standards and regulatory requirements. We serve industries ranging from manufacturing, pharmaceuticals, power generation, oil & gas, to renewable energy sectors across India and international markets. As a customer-centric organization, Maxwell Tech Solutions is committed to delivering excellence through quality products, reliable services, and long-term partnerships with our clients



Our Value

Vision

To be the preferred partner for electrical automation and control panel solutions in India, recognized for innovation, quality, and technical excellence..

Mission

To provide comprehensive electrical automation and control panel manufacturing services that empower industries to optimize their operations, enhance safety, and achieve sustainable growth through advanced technology and expert implementation.

Values

Quality Excellence
Testing Innovation
Customer Focus
Integrity
Safety
Technical Expertise
Reliability



Our Products

PCC Panel (Power Control Center)

- Integrated circuit protection and isolation
- Real-time monitoring and metering capabilities
- Modular design for scalability and customization
- IP Rating: IP54/IP65 options available



Maxwell Tech Solutions Pvt. Ltd manufactures a comprehensive range of electrical control panels engineered for reliability, efficiency, and compliance with international standards



Our Products

MCC Panel (Motor Control Center)

- Intelligent distribution boards for safe and efficient power management in facilities.
- Compact design for space-constrained installations. Integrated circuit breakers and isolators
- Suitable for single or three-phase distribution
- IP Rating: IP54/IP55





Our Products

PDB PANEL



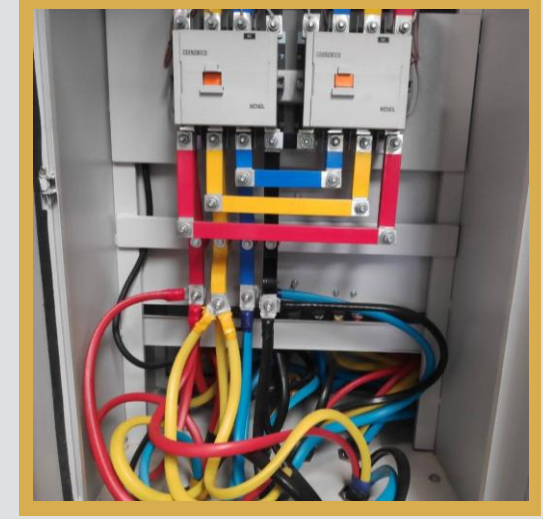
Intelligent distribution boards for safe and efficient power management in facilities.
Compact design for space-constrained installations
Integrated circuit breakers and isolators
Suitable for single or three-phase distribution
IP Rating: IP54/IP55

DRIVE(VFD) PANEL



Specialized control panels for variable frequency drives and motor speed control applications. Integrated soft starter/VFD mounting with cooling arrangements.
Advanced EMI/RFI filtering for noise immunity. Real-time speed and current monitoring. Applications: Pumps, compressors, conveyors, industrial machinery

AMF PANEL



Automatic changeover panels for seamless transition between mains and backup power sources. Intelligent switching mechanism with minimal downtime. Suitable for diesel generators and other backup systems. Load protection during changeover



Our Products

ATS PANEL



Dual-source power management panels for critical applications requiring a continuous supply. Static transfer switch technology for seamless switching, Microcontroller-based intelligent logic, Zero load break capability, IP Rating: IP54/IP65

RTPFC PANEL



Power factor correction panels for optimizing electrical efficiency and reducing reactive power charges. Capacitor bank with intelligent controller, Automatic switching based on reactive power demand, Thyristor-switched configurations for industrial applications
IP Rating: IP54/IP66

APFC PANEL



Advanced automatic power factor correction systems for industrial and commercial establishments. Real-time PF monitoring with automatic capacitor switching. Multi-step switching for optimized efficiency. Integrated protection against over-voltage and harmonics
IP Rating: IP54/IP65



Our Products

PLC PANEL



Customized PLC-based control panels for process automation and industrial applications. Integration of leading brands: Siemens S7, Allen Bradley, Mitsubishi, Schneider Electric. Modular design for flexible I/O configuration, HMI interfaces, and data logging capabilities. IP Rating: IP54/IP66

FLP STARTER /VFD PANEL



Certified explosion-proof PLC control panels for complex automation in hazardous zones. ATEX-certified enclosure with non-incendive components. Full PLC functionality in hazardous area classification. Advanced I/O modules with intrinsic safety barriers where required. Applications: Petrochemical plants, mines, oil & gas facilities IP Rating: IP66 Certifications: ATEX Category 2G (Gas)

ATEX PANEL



Certified explosion-proof PLC control panels for complex automation in hazardous zones. Full PLC functionality in hazardous area classification. Advanced I/O modules with intrinsic safety barriers where required. Applications: Petrochemical plants, mines, oil & gas facilities ,IP Rating: IP66 Certifications: ATEX Category 2G (Gas) / Category 2D (Dust),



Our Products

INDUSTRIAL PLUG SOCKET PANEL



Customized PLC-based control panels for process automation and industrial applications. Integration of leading brands: Siemens S7, Allen Bradley, Mitsubishi, Schneider Electric. Modular design for flexible I/O configuration, HMI interfaces, and data logging capabilities. CE /CPRI Panels are available on request
IP Rating: IP54/IP66

MS PANEL ENCLOSURE



Customised MS fabricated Panels in Various size
CRCA Fabricated
IP - 42 to 56
7 tank Processed Powder Coating

FLP PUSH BUTTON STATION



Certified explosion-proof PLC control panels for complex automation in hazardous zones. Full PLC functionality in hazardous area classification. Advanced I/O modules with intrinsic safety barriers where required.
Applications: Petrochemical plants, mines, oil & gas facilities ,IP Rating: IP66 Certifications: ATEX Category 2G (Gas) / Category 2D (Dust),



Our Services

PLC DEVELOPMENT



PLC Development and Programming Custom PLC programming for diverse industrial applications Integration with SCADA systems and HMI interfaces Ladder Logic, Structured Text, and Function Block Diagram programming Protocols: Modbus, OPC UA, Ethernet/IP, Pro bus, Pro net Testing and commissioning support Legacy system migration and upgrades Post-implementation training and support

SCADA DEVELOPMENT



SCADA (Supervisory Control and Data Acquisition) Development Services: Real-time monitoring and control system architecture Database design and historical data management Alarm management and notification systems Custom report generation and analytics Multi-site integration for distributed systems US FDA 21 CFR Part 11 Compliance:

REPAIR SERVICES



All types of VFD and Modules



Our Services

PLC DEVELOPMENT



Industrial HT (High Tension) Electrical Installation
Industrial LT (Low Tension) Electrical Installation
Transformer Installation & Commissioning
Transformer Oil Filtration, Earthing and Grounding Services
Thermography Testing, Harmonic Testing, and Analysis
Energy Audit

MSDECL LIASONING SERVICES



Application assistance for new electrical connections, Load sanctioning coordination, Meter installation supervision, Compliance documentation support, Regular liaison for maintenance and upgrades, Bill analysis and optimization :



Recognition

20+

Years of working
experience.

250+

Projects

10+

Plant Instalitions
and Commissioing

85+

Satisfied Customers



Our Team

Maxwell Tech Solutions Pvt. Ltd is led by experienced professionals with deep industry expertise, supported by a skilled technical workforce.



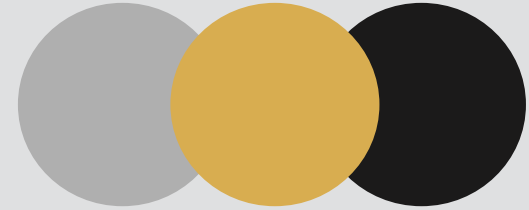
Santosh Karanjkar
Director (Technical)



Arvind Ghorpade
Director (Manufacturing)



Our Team



Leadership

Director: Santosh Karanjkar

Experience: 20+ years in Automation and Panel Manufacturing Expertise: Electrical automation system design, panel manufacturing, quality assurance, business development

Key Contributions: Company vision, strategic planning, client relationship management, technical standards implementation

Director: Arvind Ghorpade

Experience: 20+ years in Electrical Design and Panel Manufacturing Expertise: High-voltage and low-voltage design, ATEX certification, electrical system optimization, project management

Key Contributions: Technical design oversight, certification compliance, quality control, innovative solutions development

Technical Team : 10+ Experienced Engineers and Electricians Certified in PLC programming and SCADA development ATEX/IECEX certification specialists HVAC and control systems expertise Field commissioning and installation specialists Automation design and implementation experts Training and Development Regular technical skill upgradation programs ATEX and IECEx certification training Industry best practices workshops Continuous professional development initiatives



SIEMENS



OMRON

Let's Connect With Us!



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