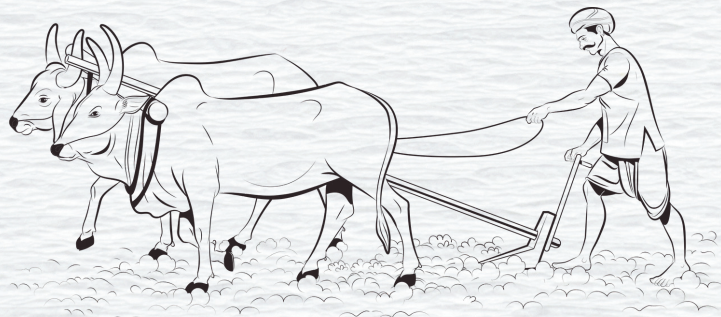




AN ISO 9001 : 2015 CERTIFIED COMPANY

மோட்டர்கள் நம்பக்கையான பாதுகாவுலன்



உணவுக்கு வலகவுத்திக்கு உவருக்குவோம்...!



ACCREDITED™
Management Systems
Certification Body
MSCB-119



AN ISO 9001 : 2015 CERTIFIED COMPANY

PRODUCT CATALOG
2026-2027

Motor Control Panels | Smart Pump Controllers | Automation Systems

ABOUT US

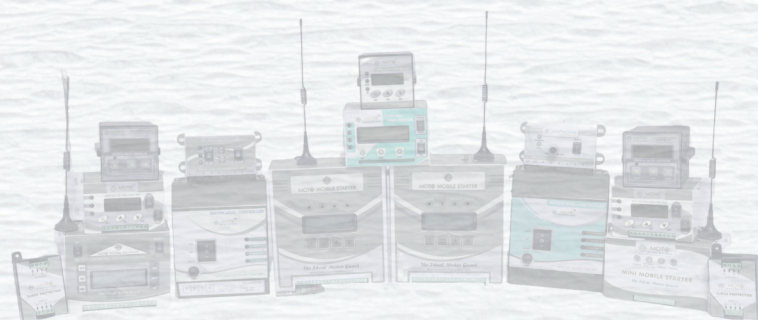
Moto Control System is a trusted manufacturer of Motor Control Panels, Automatic Water Level Controllers, Smart Pump Controllers, Borewell Automation Systems, and Custom Industrial Automation Panels. Our solutions are designed to serve Residential, Agricultural, Industrial, Commercial, and Utility Water Management sectors with reliable and efficient motor protection systems.

Established in 2016, Moto Control System was founded with a clear vision to deliver intelligent, durable, and user-friendly automation solutions. Backed by strong industry experience and technical expertise, we focus on engineering products that perform consistently in real-world conditions.

Our strength lies in continuous innovation, practical field-driven design, and a strong commitment to quality. Every product undergoes rigorous testing and multi-stage quality checks to ensure safety, durability, and long service life.

With a growing dealer network and expanding customer base, Moto Control System continues to provide smart automation solutions that improve efficiency, protect motors, and simplify water and industrial control management.

Moto Control System
The Ideal Motor Guard



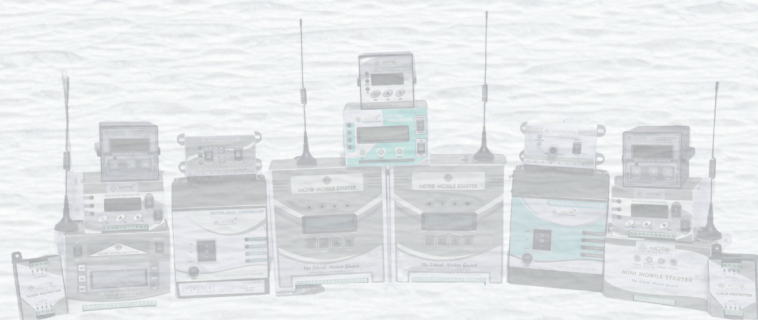
VISION & MISSION

OUR VISION

To become a nationally trusted brand in motor protection and intelligent automation systems, delivering high-performance solutions that enhance efficiency, extend motor lifespan, and simplify water and industrial control management.

OUR MISSION

- To engineer reliable and advanced motor protection systems
- To integrate smart automation and modern electronics into every product
- To maintain uncompromising quality standards across design and manufacturing
- To provide dependable service and long-term customer value
- To continuously innovate solutions suited for real-world Indian conditions



WHY CHOOSE US?

Intelligent Protection Technology

Advanced protection against dry run, overload, voltage fluctuations, single phasing, and other electrical faults.

Precision Engineering

Designed with high-quality components and tested under strict performance parameters to ensure stability and durability.

Smart & User-Friendly Operation

Clear LED indicators, easy installation, and simplified control interface for effortless usage.

Robust Build Quality

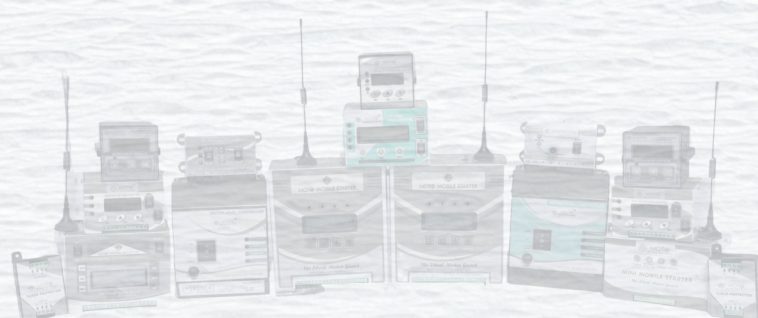
Industrial-grade enclosure and components built to withstand harsh operating environments.

Strong R&D Focus

Continuous innovation in electronics design, automation logic, and smart monitoring systems.

Reliable Service Support

Efficient dealer network and responsive after-sales assistance ensuring customer satisfaction.



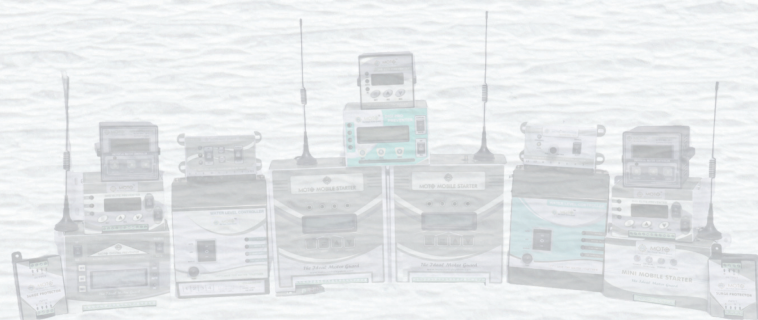
OUR PRODUCT RANGE

3 PHASE PRODUCT

- 3 PHASE AUTO START PREVENTER
- 2-3 PHASE AUTO START PREVENTER
- MOTO CYCLIC TIMER
- DIGI LITE PREVENTER
- DIGI ELITE PREVENTER
- DIGI ECO PREVENTER
- DIGI PRO PREVENTER
- DIGITAL PREVENTER_2CT
- MOBILE H SMART
- SURGE PROTECTOR

1 PHASE PRODUCT

- METER SEMI
- METER MONOBLOCK
- METER AUTO
- BASIC WATER LEVEL CONTROLLER
- MOTO CYCLIC TIMER
- SURGE PROTECTOR



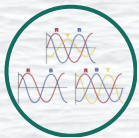
3 PHASE AUTO START PREVENTER



Model: MCS_3PASPU | **Input:** 3 Phase | **Voltage:** 415 VAC/ 50HZ

The MOTO 3 Phase Auto Start Preventer is engineered to prevent unsafe automatic starting of three-phase motors and protect them from electrical abnormalities. It continuously monitors phase sequence and voltage levels, ensuring safe and reliable motor operation in agricultural and industrial environments.

KEY FEATURES



Single Phase Prevention



Low voltage Protection



High Voltage Protection



Auto Start Timer



STAR-DELTA Timer

ADVANTAGES

- ✓ Suitable for all types of button starters
- ✓ User-friendly timer and voltage settings
- ✓ Auto / Manual mode operation
- ✓ Easy installation and maintenance
- ✓ LED indication for phase identification and auto start status

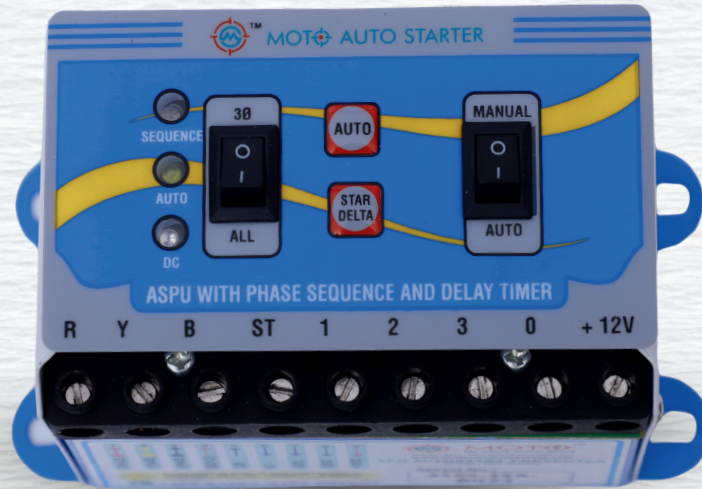
APPLICATIONS

- ✓ Agricultural Pump Sets
- ✓ Borewell & Open-Well Motors
- ✓ Irrigation Systems
- ✓ Industrial Motor Control Panels

PACKAGE CONTENTS

3 PHASE AUTO START PREVENTER – 1 Nos

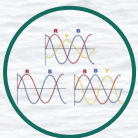
2-3 PHASE AUTO START PREVENTER



Model: MCS_2PASPU | **Input:** 3 Phase | **Voltage:** 415 VAC/ 50HZ

The MOTO 2–3 Phase Auto Start Preventer is engineered to safeguard motors operating under two-phase or three-phase conditions from unsafe auto-starting and electrical faults. It offers dependable voltage and phase protection, making it ideal for agricultural and industrial motor control applications.

KEY FEATURES



Single Phase Prevention



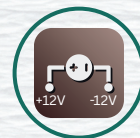
Low voltage Protection



High Voltage Protection



Auto Start Timer



12V DC Output in 2Phase



STAR-DELTA Timer

ADVANTAGES

- ✓ Suitable for all types of button starters
- ✓ User-friendly timer and voltage settings
- ✓ Auto / Manual mode operation
- ✓ Easy installation and maintenance
- ✓ LED indication for phase identification and auto/manual mode

APPLICATIONS

- ✓ Agricultural Pump Sets
- ✓ Borewell & Open-Well Motors
- ✓ Irrigation Systems
- ✓ Industrial Motor Control Panels

PACKAGE CONTENTS

2-3 PHASE AUTO START PREVENTER – 1 Nos



Model: MCS_3PCYCT | **Input:** 3 Phase / 1 Phase | **Voltage:** 415 VAC (or) 220VAC/ 50HZ

The MOTO Cyclic Timer is a dependable digital timer designed for precise ON/OFF cycle control of three-phase and single-phase motors. With flexible minute and second settings, wide timing range, and a resume function, it is ideal for applications requiring repetitive and controlled motor operation.

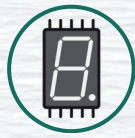
KEY FEATURES



Cyclic
Timer



Power
Resume



7 segment
Display

ADVANTAGES

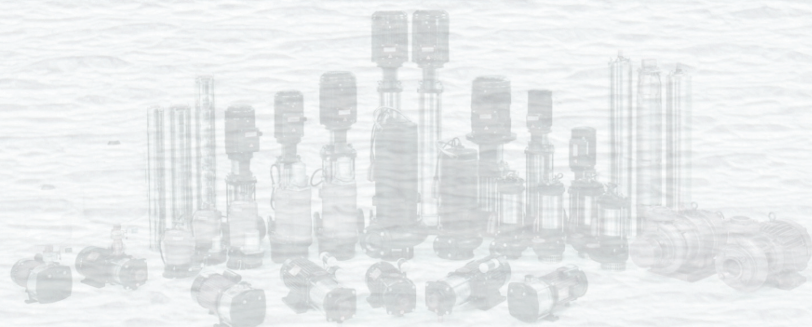
- ✓ Suitable for all types of button starters
- ✓ Easy installation
- ✓ Low maintenance
- ✓ Simple and user-friendly timer settings
- ✓ By-pass option for manual operation

APPLICATIONS

- ✓ Motor Starters
- ✓ Pump Control Panels
- ✓ Industrial Automation Systems
- ✓ Repetitive Load Applications

PACKAGE CONTENTS

CYCLIC TIMER - 1 Nos



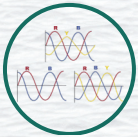
DIGI LITE PREVENTER



Model: MCS_3P2CDL | **Input:** 3 Phase | **Voltage:** 415 VAC/ 50-60HZ

The MOTO Digi Lite Preventer is a precision engineered digital motor protection unit designed to safeguard three phase motors from electrical faults, voltage variations, overload, and dry run conditions. Ideal for agricultural and industrial applications, it ensures consistent performance, enhanced safety, and extended motor life with simple, user friendly operation.

KEY FEATURES



Single Phase Prevention



Dryrun Protection



Overload Protection



Low voltage Protection



High Voltage Protection



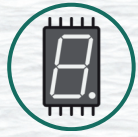
Cyclic Timer



Water Level Controller



Auto Start Timer



7 segment Display

ADVANTAGES

- ✓ Suitable for all types of button starters
- ✓ Built-in digital voltage & current meter
- ✓ Accurate tripping with fault status display
- ✓ User-friendly timer and voltage settings
- ✓ Auto / Manual mode operation
- ✓ Easy installation and maintenance
- ✓ Displays motor run history and real-time running status

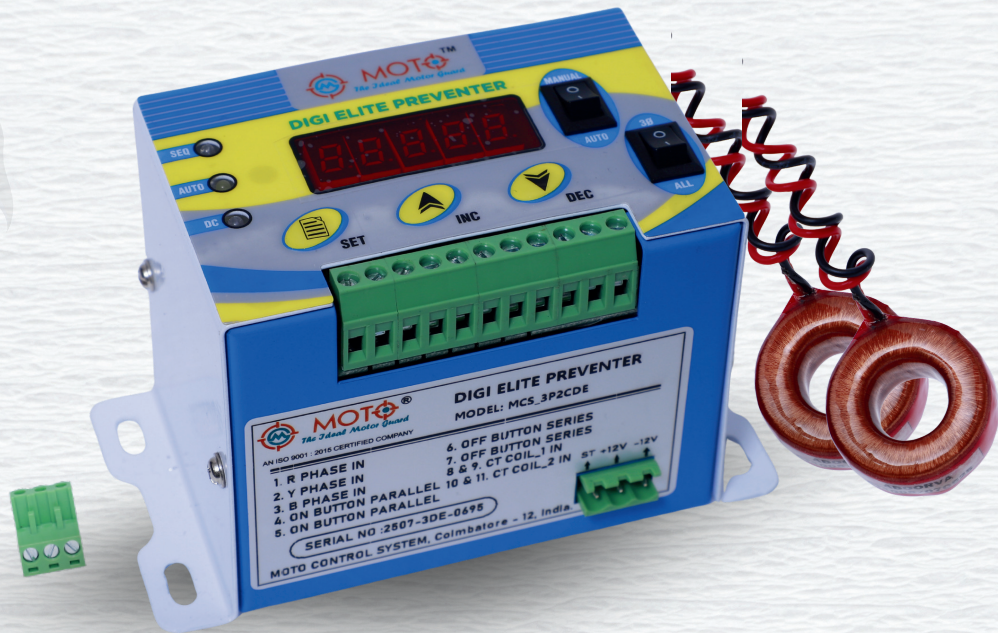
APPLICATIONS

- ✓ Agricultural Pump Sets
- ✓ Borewell & Open-Well Motors
- ✓ Irrigation Systems
- ✓ Industrial Motor Control Panels

PACKAGE CONTENTS

Digi Lite Preventer – 1 Nos | CT Coil (40A) – 2 Nos.

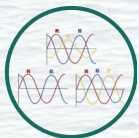
DIGI ELITE PREVENTER



Model: MCS_3P2CDE | **Input:** 3 Phase | **Voltage:** 415 VAC/ 50-60HZ

The MOTO Digi Elite Preventer is a precision engineered digital motor protection unit designed to safeguard three phase motors from electrical faults, voltage variations, overload, and dry run conditions. Ideal for agricultural and industrial applications, it ensures consistent performance, enhanced safety, and extended motor life with simple, user friendly operation.

KEY FEATURES



Single Phase Prevention



Dryrun Protection



Overload Protection



Low voltage Protection



High Voltage Protection



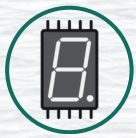
Cyclic Timer



Water Level Controller



Auto Start Timer



7 segment Display

ADVANTAGES

- ✓ Suitable for all types of button starters
- ✓ Built-in digital voltage & current meter
- ✓ Accurate tripping with fault status display
- ✓ User-friendly timer and voltage settings
- ✓ Auto / Manual mode operation
- ✓ Easy installation and maintenance
- ✓ Displays motor run history and real-time running status

APPLICATIONS

- ✓ Agricultural Pump Sets
- ✓ Borewell & Open-Well Motors
- ✓ Irrigation Systems
- ✓ Industrial Motor Control Panels

PACKAGE CONTENTS

Digi Elite Preventer – 1 Nos | Connector – 1 Nos | CT Coil (40A) – 2 Nos.

Field-Tested. Farmer-Trusted.

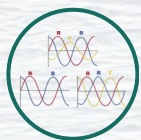
DIGI ECO PREVENTER



Model: MCS_3P3CEM | **Input:** 3 Phase | **Voltage:** 415 VAC/ 50-60HZ

The MOTO Digi Eco Preventer is a compact and economical digital motor protection solution designed for three-phase motor applications. With advanced protection features and precise current sensing across all three phases, it ensures safe, reliable, and efficient motor operation in agricultural and industrial environments.

KEY FEATURES



Single Phase Prevention



Dryrun Protection



Overload Protection



Low voltage Protection



High Voltage Protection



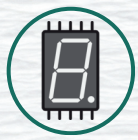
Cyclic Timer



Water Level Controller



Auto Start Timer



7 segment Display

ADVANTAGES

- ✓ Suitable for all types of button starters
- ✓ Built-in digital voltage & current meter
- ✓ Accurate tripping with fault status display
- ✓ User-friendly timer and voltage settings
- ✓ Auto / Manual mode operation
- ✓ Easy installation and maintenance
- ✓ Displays motor run history and real-time running status

APPLICATIONS

- ✓ Agricultural Pump Sets
- ✓ Borewell & Open-Well Motors
- ✓ Irrigation Systems
- ✓ Industrial Motor Control Panels

PACKAGE CONTENTS

Digi Eco Preventer – 1 Nos | CT Coil (40A) – 3 Nos.

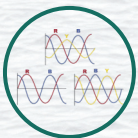
DIGI PRO PREVENTER



Model: MCS_3P3CDP | **Input:** 3 Phase | **Voltage:** 415 VAC/ 50-60HZ

The MOTO Digi Pro Preventer is a high-performance digital motor protection unit featuring an LCD display for clear visibility and precise parameter monitoring. Designed for demanding agricultural and industrial applications, it delivers comprehensive protection, accurate current sensing, and intelligent motor control.

KEY FEATURES



Single Phase Prevention



Dryrun Protection



Overload Protection



Low voltage Protection



High Voltage Protection



Cyclic Timer



Water Level Controller



Auto Start Timer



16X2 LCD Display

ADVANTAGES

- ✓ Suitable for all types of button starters
- ✓ Built-in digital voltage & current meter
- ✓ Accurate tripping with fault status display
- ✓ User-friendly timer and voltage settings
- ✓ Auto / Manual mode operation
- ✓ Easy installation and maintenance
- ✓ Displays motor run history and real-time running status

APPLICATIONS

- ✓ Agricultural Pump Sets
- ✓ Borewell & Open-Well Motors
- ✓ Irrigation Systems
- ✓ Industrial Motor Control Panels

PACKAGE CONTENTS

Digi Eco Preventer – 1 Nos | CT Coil (40A) – 3 Nos.

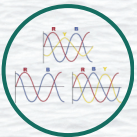
Precision Protection for Powerful Performance



Model: MCS_3P2CDR | **Input:** 3 Phase | **Voltage:** 415 VAC/ 50-60HZ

The MOTO Digital Preventer – 2CT is a high-performance motor protection system featuring LCD display and dual CT current sensing. Designed for reliable three-phase motor control, it provides comprehensive protection against voltage fluctuations, phase faults, overload, and dry-run conditions.

KEY FEATURES



Single Phase Prevention



Dryrun Protection



Overload Protection



Low voltage Protection



High Voltage Protection



Cyclic Timer



Water Level Controller



Auto Start Timer



16X2 LCD Display

ADVANTAGES

- ✓ Suitable for all types of button starters
- ✓ Built-in digital voltage & current meter
- ✓ Accurate tripping with fault status display
- ✓ User-friendly timer and voltage settings
- ✓ Auto / Manual mode operation
- ✓ Easy installation and maintenance
- ✓ Displays motor run history and real-time running status

APPLICATIONS

- ✓ Agricultural Pump Sets
- ✓ Borewell & Open-Well Motors
- ✓ Irrigation Systems
- ✓ Industrial Motor Control Panels

PACKAGE CONTENTS

Moto Digital Preventer – 1 Nos | CT Coil (40A) – 2 Nos.

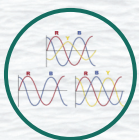
MOBILE STARTER -H SMART



Model: MCS_3PMOHS | **Input:** 3 Phase | **Voltage:** 415 VAC/ 50HZ

The MOTO Mobile H Smart is an advanced GSM-based motor controller that enables remote motor operation using IVRS or missed-call technology. Combined with intelligent alerts and comprehensive electrical protections, it ensures safe, reliable, and convenient motor control for agricultural and industrial applications.

KEY FEATURES



Single Phase
Prevention



Dryrun
Protection



Overload
Protection



Low voltage
Protection



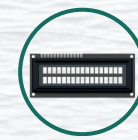
High Voltage
Protection



Cyclic
Timer



Auto Start
Timer



16X2 LCD
Display



IVRS Call/
SMS/ APP

ADVANTAGES

- ✓ Suitable for all types of button starters
- ✓ Built-in digital voltage & current meter
- ✓ Accurate tripping with fault status display
- ✓ Control up to 10 authorized mobile numbers
- ✓ Auto / Manual mode operation
- ✓ Easy installation and maintenance
- ✓ Displays motor run history and real-time running status

APPLICATIONS

- ✓ Agricultural Pump Sets
- ✓ Borewell & Open-Well Motors
- ✓ Irrigation Systems
- ✓ Industrial Motor Control Panels

PACKAGE CONTENTS

Mobile H Smart – 1 Nos | Antenna - 1 Nos | CT Coil (40A) – 3 Nos.



Model: MCS_3PMSRB | **Input:** 3 Phase | **Voltage:** 415 VAC/ 50HZ

The MOTO Surge Protector is designed to safeguard controllers and electrical equipment from sudden voltage surges, spikes, and transient disturbances. It provides reliable protection for three-phase systems, minimizing equipment damage and ensuring long-term operational safety.

KEY FEATURES

- ✓ Surge Voltage Protection
- ✓ Prevents Controller and Equipment Damage
- ✓ Arrests All Types of Spike Voltage

ADVANTAGES

- ✓ Suitable for all types of controllers
- ✓ Easy installation and maintenance

PACKAGE CONTENTS

Surge Protector – 1 Nos

APPLICATIONS

- ✓ Motor Controllers
- ✓ Control Panels
- ✓ Industrial Automation Systems

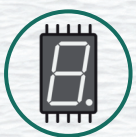




Model: MCS_1PMESE | **Input:** 1 Phase | **Voltage:** 220 VAC/ 50HZ

The MOTO Meter Semi is a digital single-phase motor protection controller designed to provide essential voltage and current-based safety for single-phase motors. With dry-run and overload protection along with simple cyclic ON timing, it is an ideal solution for domestic and agricultural motor applications.

KEY FEATURES



7 segment
Display



Dryrun
Protection



Overload
Protection



Low voltage
Protection



High Voltage
Protection



Cyclic
ON Timer



Water Level
OFF only

ADVANTAGES

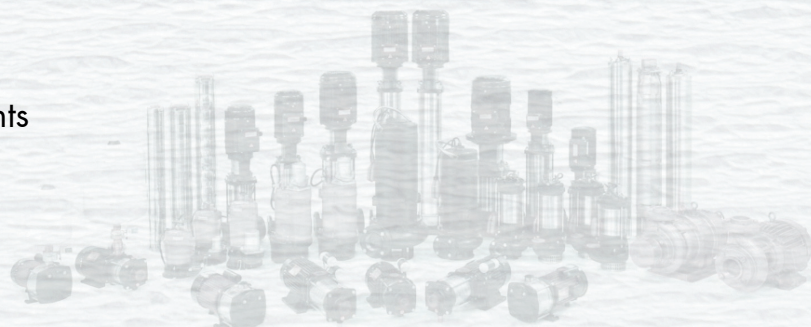
- ✓ Suitable for all types of single-phase motors
- ✓ Built-in digital meter
- ✓ Accurate current (amps) setting
- ✓ Displays auto setting status
- ✓ Protection against dry-run and overload
- ✓ Easy installation and maintenance
- ✓ Simple voltage and current setting adjustments

APPLICATIONS

- ✓ Single-Phase Water Pumps
- ✓ Domestic Motors
- ✓ Agricultural Pump Sets
- ✓ Small Commercial Installations

PACKAGE CONTENTS

Meter Semi – 1 Nos | CT Coil (20A) – 1 Nos.

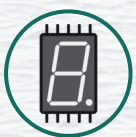




Model: MCS_1PMEAU | **Input:** 1 Phase | **Voltage:** 220 VAC/ 50HZ

The MOTO Meter Auto is a digital single-phase motor controller designed to deliver accurate protection and automatic operation for single-phase motors. With integrated voltage, current, dry-run, and overload protection, it ensures safe operation, reduced failures, and extended motor life across domestic and agricultural applications.

KEY FEATURES



7 segment
Display



Dryrun
Protection



Overload
Protection



Low voltage
Protection



High Voltage
Protection



Cyclic
Timer



Water Level
Controller



Auto Start
Timer

ADVANTAGES

- ✓ Suitable for all types of single-phase motors
- ✓ Built-in digital meter
- ✓ Accurate current (amps) setting
- ✓ Displays auto setting status
- ✓ Protection against dry-run and overload
- ✓ Easy installation and maintenance
- ✓ Simple voltage and current setting adjustments

APPLICATIONS

- ✓ Single-Phase Water Pumps
- ✓ Domestic Motors
- ✓ Agricultural Pump Sets
- ✓ Small Commercial Installations

PACKAGE CONTENTS

Meter Auto – 1 Nos | CT Coil (20A) – 1 Nos.

BASIC WATER LEVEL CONTROLLER



Model: MCS_1PWLC1 | **Input:** 1 Phase | **Voltage:** 220 VAC/ 50HZ

The MOTO Basic Water Level Controller is a reliable and cost-effective solution for automatic control of water levels in sump and overhead tanks. It helps prevent water overflow and dry-run of motors, ensuring efficient water usage and safe motor operation in domestic and agricultural applications.

KEY FEATURES



LED
Indication



Dryrun
Protection based on float



SUMP & Overhead
tank control



Auto / Manual
operation

ADVANTAGES

- ✓ Prevents water overflow and dry-run conditions
- ✓ Easy installation and low maintenance
- ✓ Suitable for all types of monoblock and openwell motors

APPLICATIONS

- ✓ Domestic Water Tanks
- ✓ Agricultural Sump & Overhead Tanks
- ✓ Monoblock & Openwell Motors

PACKAGE CONTENTS

Basic Water Level Controller – 1 Nos



Smarter Control. Safer Motors.

TECHNICAL STRENGTHS

Our Protection Technologies

At Moto Control System, every product is engineered with intelligent protection logic designed to safeguard motors, reduce downtime, and extend operational life. Our systems are built to perform reliably under real-world electrical and environmental conditions.

Core Protection Features

Protection Feature	Basic Models	Advanced Models	Industrial Models
Dry Run Protection	-	✓	✓
Overload Protection	-	✓	✓
Voltage Fluctuation Protection	✓	✓	✓
Phase Failure Protection	✓	✓	✓
Auto Restart Logic	✓	✓	✓
Customizable Settings	-	Limited	✓
Sensor based operation	-	Limited	✓

Dry Run Protection :

Automatically detects absence of water and prevents motor damage caused by dry running.

Overload Protection :

Monitors current consumption and disconnects the motor during overload conditions to prevent overheating and winding damage.

Voltage Fluctuation Protection :

Protects motor against under-voltage and over-voltage conditions, ensuring stable performance and longer motor life.

Phase Failure Protection :

Instantly cuts off supply during single phasing or phase imbalance to avoid severe motor damage.

Auto Restart Logic :

Automatically restores operation after power returns during active cyclic timer function.

MANUFACTURING & QUALITY

Quality Commitment

At Moto Control System, quality is not just a process, it is the foundation of everything we build. From component selection to final dispatch, every stage is monitored to ensure reliability, safety, and long-term performance.

Our manufacturing approach combines precision engineering with strict quality control standards to deliver products that consistently perform in real-world conditions.

Our Manufacturing Strengths

Precision Assembly

Every control panel and protection device is assembled with structured wiring practices, proper insulation standards, and organized internal layouts to ensure safety and durability.

Endurance Testing

Products undergo load simulation and performance endurance tests to verify stability under continuous operating conditions.

Calibration & Validation

Each unit is calibrated for accurate sensing and protection response, followed by functional validation to ensure dependable operation.

Strict QC Inspection

Multi-stage quality checks are conducted to verify electrical parameters, component integrity, and overall build quality before dispatch.

Field Performance Testing

Our systems are tested under actual site conditions to ensure practical reliability and long-term functionality.

DEALER & SERVICE NETWORK

Powering Partnerships. Protecting Performance.

At Moto Control System, we believe strong partnerships drive long-term success. Our expanding dealer and service network ensures that our motor protection and automation solutions reach customers efficiently and reliably across various markets.

We collaborate closely with:

- Authorized Dealers
- Channel Partners
- OEM Clients
- Service Technicians
- Installation Professionals

Our partners represent our brand on the ground, and we are committed to supporting them at every step.

Why Partner With Moto Control System?

- Reliable Product Performance
- Strong Market Demand
- Technical Support & Guidance
- Responsive Service Commitment
- Long-Term Business Growth

Our Service Commitment

- Quick technical assistance
- Dedicated dealer coordination
- Structured warranty handling
- Continuous product improvement based on field feedback

Moto Control System is committed to building a dependable network that grows stronger with trust, quality, and performance.



ONE STOP SOLUTION FOR ALL TYPES OF MOTOR

CONTACT US

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