

# WM Series – WiFi-Enabled Three-Phase Motor Starter with Automatic Water Level Control

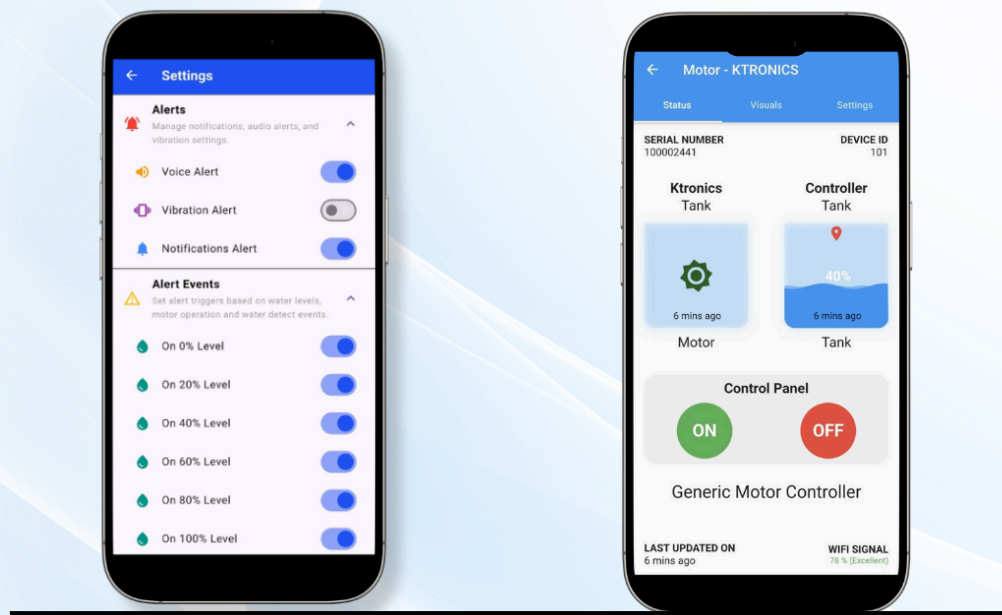
The WM Series is an advanced WiFi-enabled water level controller integrated with a three-phase motor starter. Utilizing the “Ktronics Tank Monitor” Android app, users can remotely monitor tank water levels and motor status in real-time. The app supports multiple users, allowing simultaneous monitoring across devices. This system is ideal for managing water levels and controlling motors remotely, especially in scenarios where the tank is distant from the motor.

## Key Features:



- **Digital DOL Starter:** Designed for three-phase motors, supporting capacities up to 50 HP, with options available for up to 200 HP motors.
- **RYB Input & Output:** Directly connects to the motor, ensuring proper phase sequence.
- **Real-Time Monitoring:** Displays voltage, current, and motor status on the mobile app.
- **Motor Protection:**
  - Overload protection
  - Dry run (under current) protection
  - Phase loss detection
  - Short circuit protection
- **Cyclic Timer:** Allows users to set periodic motor operation schedules.
- **Auto Restart:** Automatically restarts the motor after power restoration, with a bypass option.
- **Phase Sequence Protection (SPP):** Prevents motor damage due to incorrect phase sequence by correcting phase order at both input and output.

- **Adjustable Settings:**
  - Overload and dry run current limits (up to 30 A)
  - High and low voltage thresholds
  - Voltage and current calibration
- **User Interface:**
  - Separate digital displays for voltage and current
  - Fault and motor on indications
  - Factory reset facility
- **Enclosure:** 18-gauge high-quality metal, flame-proof design.
- **Sensor Inputs:** Compatible with sensors for sump and overhead tank levels to automate motor operation based on water levels.



*The WM Series offers a comprehensive solution for managing water levels and protecting motors, combining advanced features with user-friendly mobile app integration.*