MOTORTRONICS™
Solid State AC Motor Control

APPLICATION

Soft Starters for Pumping and Irrigation

Improved Protection, Monitoring and Process Control

Time for an Upgrade!

iERS Intelligent Energy Recovery System

- Eliminate pipe damage, noise and vibration
- Reduce inrush current and undervoltage conditions during start
- Detect pump blockage, broken pipe and dry-well conditions



- **3.5” Full Color Touch Screen**
- **45 Application Profiles**
- **Easy to setup in less than a minute**
- **Full I²t Motor Overload Protection**
- **Built-in iERS – intelligent Energy Recovery System**
- **Internally Bypassed**
- **Life Time Application Event Logging Diagnostics**

MLINK Compatible

- Irrigation
- Sludge Pumps
- Submersible Deep Wells
- Metering Pumps
- Booster Pumps
- Storage Tanks

Complete Package for your Application

iERS Standard

80% more efficient than VFD *1

0% Harmonics *2

99.9% Efficiency *2

Soft Starters designed for any application, available as stand-alone or configured panel.



VMX-P Plus:

- N4/12 Enclosure with Line Surge protection
- Service entrance rated
- Soft Starter (VMX Synergy Plus™)
- Touch Screen with Logic Diagram
- Fused Switch Disconnect / Circuit Breaker Disconnect (50A & up)
- Advanced Motor Protection
- Control Power Transformer with Surge Protector
- Interposing Relay for 120V Control
- Power On Pilot Light
- E-Stop Lighted Pushbutton
- Local/Off/Remote Selector Switch (Hand/Off/Auto)
- Customer Interface with Door Mounted Touch Screen
- External Interlock Input and Pilot Light

VMX Synergy Plus Series → **VMX-P Plus**



VMX-P Plus Smart Door Customer Interface Panel allows for Superior Functionality and Diagnostics.

*1. Reduces Lost Energy, 80% more efficient compared to VFD running at line frequency
*2. With Internal bypass

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