



MOTORTRONICS™

Solid State AC Motor Control

Application

Soft Starters for Pumping and Irrigation

Improved Protection, Monitoring and Process Control

Time for an Upgrade!



- 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
- 42 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



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.**

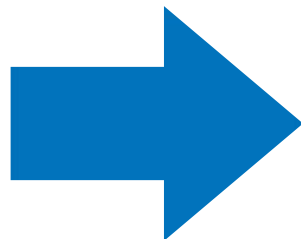


VMX-P Plus:

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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