



MOTORTRONICS™

Solid State AC Motor Control

Soft Starters for Pump Jack Applications



**VMX Soft Starter available
from 18 to 1250A
(up to 1200HP)**



Standalone Soft Starters or Packaged to customer specification

Packaged Solutions & Standalone Soft-Starters

Dead Front Door Option Available



VMX-H



VMX

Rugged Power Components

Inverse parallel paired SCRs
Auto-synchronizing Gate Firing method
500% 60sec Overload Capacity
1600V PIV rating

Line Voltage

200-600VAC 3 phase 50/60HZ

Current Rating

18-1250A (5HP to 1200HP)

AC Supply Voltage

120V Control Voltage (CPT included)

Ramp Control

Closed Loop Torque/Current Ramping
Voltage Ramp with Current Limit

Across the Line Start Capability

Fully Rated Bypass/Emergency Start Contactor
Full voltage/Softstart Selector Switch
Independent Overload Relay

Advanced Motor Protection

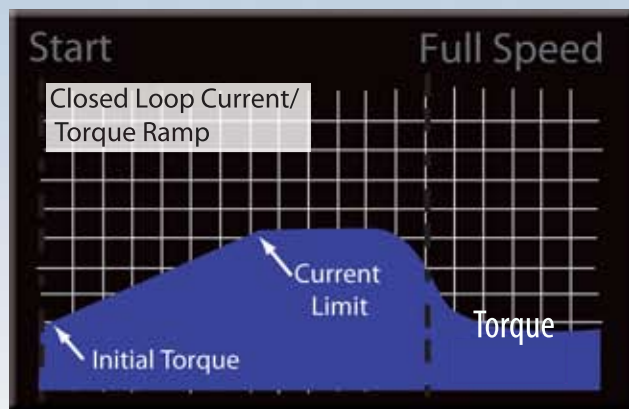
Retentive Thermal Memory
Dynamic Reset Capacity

Built-in Functions

Process Control Timer, Operator Interface
Ramp Control Choices (4 built-in), Dual Ramps, Jog Function
Kick Start Function, Pump-Flex™ Deceleration Ramp, Restart Delay Timer
Time Clock Controller, RS-485 Serial Communications

Closed Loop Torque /Current (CLT™)

This function provides a linear increase in output torque during acceleration. It maximizes the available torque using an internal PID feedback loop, insuring a smooth, linear ramp up to full speed.



CORPORATE HEADQUARTERS

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