DriveStart

IGBT Based Medium Voltage Soft Starter up to 6.6KV, 8.5MVA (depending on load, higher ratings are available)

Optimized for applications that require a low starting current and/or a high starting torque
- Provides full torque start
- Starts at nominal motor current or lower
- Enables motor starting from weak electrical networks
- Reduces motor heat at start enabling use of standard motors
- Reduces peak network demand

Saving costs, energy and space while meeting top performance requirements
- More economical than a Medium Voltage VFD, yet provides similar soft start and soft stop features
- Integrated bypass protects against energy loss during operation, optimizes energy efficiency and reduces operational costs
- Streamlined design drastically reduces the footprint requirements

DriveStart Applications & Industries

WATER
- Water pumps
- Waste water pumps
- Booster pumps

OIL & GAS
- Compressors
- Oil pumps
- LNG pumps

MINING
- Fans and blowers
- Conveyor belts
- Ball mills

INDUSTRY
- Compressors
- Refrigeration chillers
- Mixers

MARINE
- Thrusters
- Ballast and fire-fighting pumps
- Injection pumps
Advanced Features

- Input voltage - Up to 6.6kV 50/60Hz +10% -15
- Power range - Up to 6.6kV, 8.5MVA
- Mains starting current – 10% to 120% of motor rated current
- Numerous number of starts
- Starting torque - Up to 160% of motor rated torque
- Internal synchronization system (bypass), from DriveStart to mains and back
- Soft Start and Soft Stop
- Multi-start capabilities
- Electronic Potential Current Transformer (ECPT) voltage and current measurements via fiber optics
- Integrated Data Logger and wave form capture for all major system signals including current and voltage for remote diagnostics and failure analysis

Models | Up to 6.6KV, 750A

<table>
<thead>
<tr>
<th>Mains Voltage (kV)</th>
<th>Rated Current (A)</th>
<th>Unit Dimensions (cm)</th>
<th>Weight (kg)</th>
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How To Order

Example:
DriveStart - 300A - 6.6kV - 230V - 24V - SDL

Options
3M - Modbus
3P - Profibus
3D - DeviceNet
3A - Anybus
MSS - Multi soft stop/start
SDL - Solcon Data Logger

For More Information

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