

AS6 Automation Starter

- Advanced Digital Solid State Reduced Voltage Motor Starter
- Torque Ramp for Linear Acceleration
- Simple Setup for the Majority of Applications
- Enhanced Setup for the more Demanding Applications
- Forward / Reverse Jogging
- Complete Monitoring Package Eliminates Need for Add On Devices
- Extensive Protection Features for Motor and Starter
- Rugged Compact Design
- Dynamic Motor Mapping Fine Tunes Every Start
- Serial Communications
- Available From 7.5 HP to 1000 HP (200 to 575 VAC)



AS6 - SIMPLE, BUT VERSATILE

DRIVES FOR EVERY INDUSTRY

The AS6, Automation Starter has been designed to provide all of the features required in today's demanding industrial environment. It contains standard features allowing for custom starting optimization with monitoring and diagnostic functions that can view system performance at a glance.

START / STOP	CONTROL	PROTECTION	MONITORING
<ul style="list-style-type: none"> • Ramp Start / Stop • Dual Ramp Start / Stop • Current Limit • Pump Control • Torque Control • FV Start • DC Brake • Bypass • Preset Slow Speed • Serial Interface RS485 • DeviceNet (optional) 	<ul style="list-style-type: none"> • Thermal Overload • Overload Power • Underload Power • Phase Unbalance • Overvoltage • Undervoltage • Locked Rotor • Excessive Starts / Hour 	<ul style="list-style-type: none"> • Three-Phase Current • Three-Phase Voltage • Power in kW • Motor Thermal Capacity • Power Usage in kWh • Power Factor • Elapsed Time 	<ul style="list-style-type: none"> • Line Failure • Motor Overtemp • Starter Overtemp • Locked Rotor • Overload Power • Underload Power • Phase Unbalance • Overvoltage • Excessive Starts

SPECIFICATIONS

ITEM	RATINGS
Power Ranges	7.5 - 1000 HP @ 460 V
Input Voltage	200 - 575 VAC ±10%, 50/60 Hz
Control Voltage	120 - 240 VAC ±10%
SCR Rating	1600 V PIV, Inverse Parallel
Overload Rating	600% - 6 Seconds, 500% - 30 Seconds, 125% Continuous @ 40°C
Operator Interface	Keyboard, LED Display
Output Relays	(3) 2 Programmable, 1 Fault
Analog Output	0-20 mA, 4-20 mA, 0-10 V, 2-10 V
Programmable Functions	9 Quick Start, 68 Enhanced
Monitoring Functions	Three Phase Current, Three Phase Voltage, Power, kWh, Power Factor, Torque, Motor Thermal Capacity, Elapsed Time
Communications (optional)	RS232 / 485, Device Net, Profibus

OPTIONS

- NEMA 1, 12, 4, 4X and 3R Enclosures
- Disconnecting Means
- Shunt Trip
- Input Fusing
- Dual Motor Starting
- Reversing Contactors
- Pushbuttons
- Switches
- Lights
- Full Horsepower Bypass
- In-Line Contactor
- Space Heater
- Oversized CPT
- Relay Logic Configurations
- Oversized Enclosures



And much more . . .

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