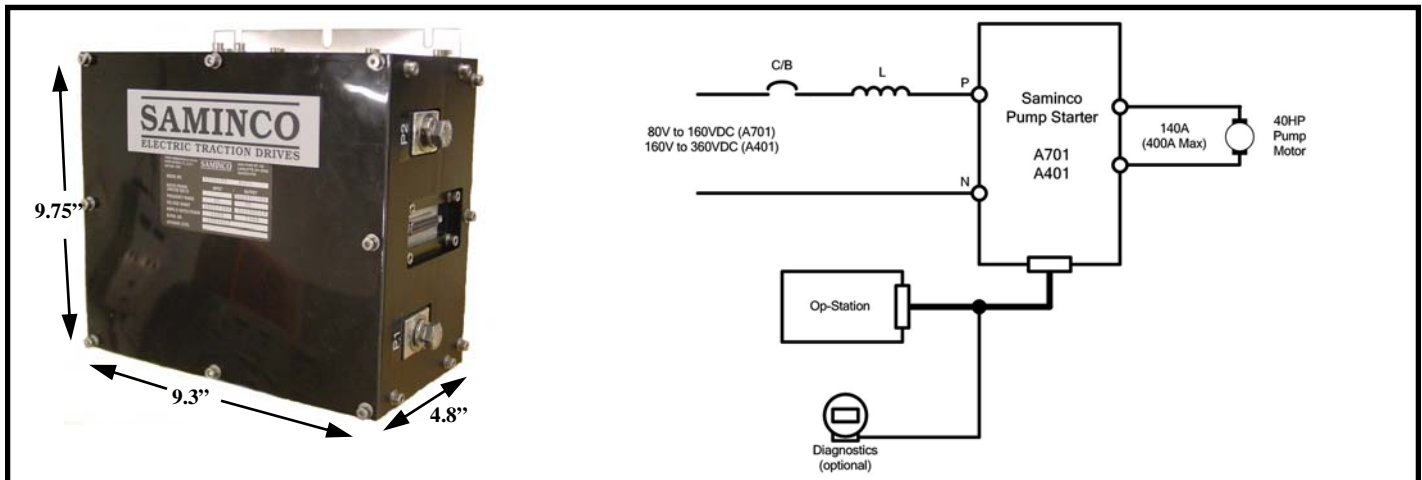


A401/A701 40HP Pump Motor Starter

SAMINCO
ELECTRIC TRACTION DRIVES



- Safe! 24V control circuit is galvanically isolated from the DC Input. Internal control circuit is also isolated from power circuit by means of DC current transformer.
- Provides continuous motor voltage and current sensing.
- Provides Real Time readings of motor current, output power and operators control status via digital diagnostics display. Contact Factory for details of this option.
- OFF position starting. The Saminco Pump Starter cannot operate unless all controls are in off position.
- Built-in motor thermal overload circuit with inverse time characteristic.
- All functions are self-contained in one box measuring 9.3"l x 9.75"d x 4.8"h.

SAMINCO Part Number: **A800206-1 (A401)** **A800216 (A701)**

SPECIFICATIONS:

Input voltage: 160V to 360VDC (**A401**)
 80V to 160VDC (**A701**)

Output voltage: 0 to 100% of input voltage

Output current: 140A continuous — 400A for 3 seconds, every 5 seconds

Soft start timer: Soft start of the pump motor is limited to 3 Seconds by built-in start timer. Should the pump motor fail to accelerate up to full speed under 400A current limit, then the controller will be shunt off and the "PUMP FAULT" message will be displayed on the digital diagnostics unit.

Over-current protection: 250A Fast Acting Fuse in the input of the motor controller.
 Electronic over-current detect circuit trips input contactor M if motor current exceeds 800A.
 Built-in motor thermal overload circuit with inverse time characteristic.
 Built-in start-up timers that limits pump motor start time to 3 Seconds.