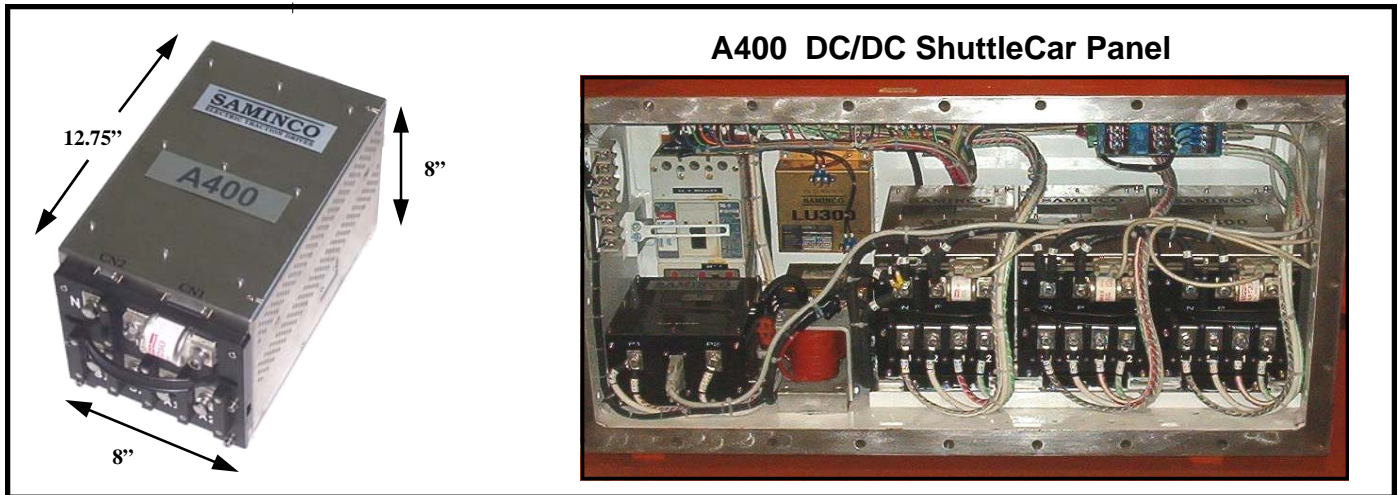


A400
40HP μ P DC DRIVE
180VDC TO 340VDC INPUT



- Provides infinitely variable, reversible speed control for 40HP series wound DC motors
- Compact, self contained unit includes cap bank, pre-charge circuit and DC-rated input contactor
- Programmable set-up and control parameters
- Solid State reversing eliminates problems associated with contactors
- Advanced diagnostics and data-logging via CAN-BUS network
- Reduced trailing cable heating due to DC inductor input to the controller
- Built-in motor thermal overload circuit with inverse time characteristic
- Neutral position starting: the A400 can not operate unless all controls are in “off” or neutral position.
- “Differential” action during cornering—Both tram motors have independent torque control ensuring excellent handling

Saminco Part Number: **A800205-1**

SPECIFICATIONS:

Input Supply: 160VDC to 360VDC

Output Voltage: 0 to 98% of input voltage

Output Current: 140A Continuous, 400A peak for 20 seconds, every 5 minutes

Over-current Protection: 250A Fast Acting Fuse in the controller input

Diagnostic Features: Real-time display of tram reference, motor current (A) and power (kW) and over 30 status, warning and fault messages.