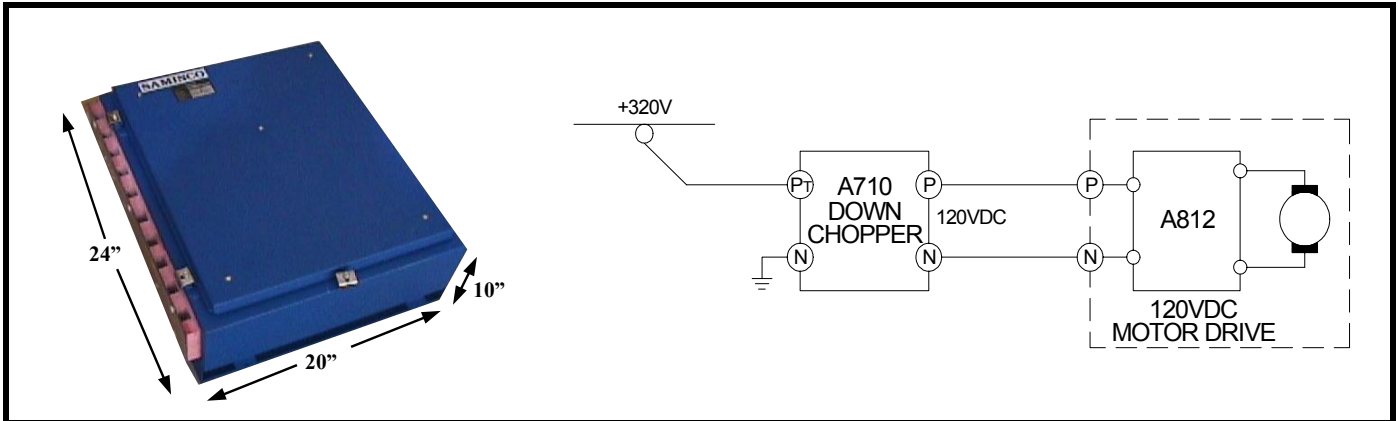


**A710
300A DOWN CHOPPER
320V/120V**



- Provides smooth, filtered 120VDC output from 320VDC trolley line (negative ground system)
- 150A continuous output, 300A peak
- Allows use of 120VDC motor controllers and 120V motors from 320V trolley lines
- Compact, single enclosure houses all power devices and capacitor bank including soft charge bypass devices
- Protected against input and output reverse polarity connection
- EMI filtering to minimize interference with trolley phones
- Also available for positive ground systems

SAMINCO Part Number: A800440

SPECIFICATIONS:

Input Supply: 220VDC to 320VDC

Output Voltage: 120VDC (adjustable to 140VDC)

Output Current: 150A Continuous, 300A peak

Ambient Temperature: -10°C to +40°C

Protection:

- Requires external, 200A/500VDC fuse on input
- Incorporates 400A DC rated fuse on output
- Output current is sensed by a precision, isolated Hall-effect sensor to provide continuous output current control as well as instantaneous tripout, should output current exceed 400A.
- Overtemperature: The Down Chopper will trip-out if the heatsink temperature exceeds 85°C due to a cooling malfunction

Installation: Install the A710 in a location shielded from dripping water, dust and battery acid fumes. Allow 6" above and around the A710 module to allow for unobstructed air flow. Mount the A710 on anti-vibration mounts.

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