

The AB4 amplifier offers the same performance as the AB1A, in a reduced package. The AB4 operates off of 12Vdc supply input and can drive up to 4 HR motor elements total, either (1) 4 element HR motor, or multiple HR motors totaling 4 elements.

The AB4 is the smallest standard motor amplifier and is provided with a 26-pin rear connector (26 pin, two row header). This connector provides access to all functionality (motor, power inputs, limits, and I/O functions), making it easy to integrate. Additional motor and power inputs are available with standard connections on the front.



Features

- Exceptionally compact mounting
- 12Vdc supply input
- Drives up to 4 HR motor elements
- Cable length up to 20m
- Over current and over voltage protection

Environmental

Operating Temperature:	0 to 50°C
Storage:	-40°C to +70°C
Humidity:	up to 80%, non condensing

Electrical

Power Supply Input:	+12 Vdc ±5% (stabilized)
Max Motor Output Voltage:	280 Vrms
Power Consumption without Load:	+12 Vdc/300 mA
Power Consumption with Max Load:	+12 Vdc/3.5A

