

Introduction

The *AA363* is a low cost PWM current mode servo amplifier designed to drive DC brush type motors or voice coil actuators. Control is provided via an analog input signal of 0 to ± 10 VDC corresponding to a constant commanded output current of 0 to ± 6 Amps.



Model *AA363* Amplifier

features

- **Description** DC Brush Type Motor PWM Servo Amplifier
- **Operating Modes** Current Mode
- **Control Input** Analog Voltage Signal of 0 to ± 10 VDC into 15K Ohms
- **Output** Power PWM, 3 Amps Continuous, 6 Amps Peak at 48 VDC
- **PWM Frequency** Approximately 52 KHz
- **Dedicated Digital Inputs** Optoisolated INHIBIT Input
- **Dedicated Digital Outputs** Optoisolated FAULT Output to Signal Over-heating
- **Supply Voltage** +11 to +50 VDC
- **Motor Voltage** +12 to +48 VDC
- **Dimensions** 3.6 L. x 1.2" W. x 3.3" H. (not including mounting tabs)
- **Weight** Approximately 7 oz.
- **Enclosure** Rugged Powder Coated Aluminum Extrusion

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