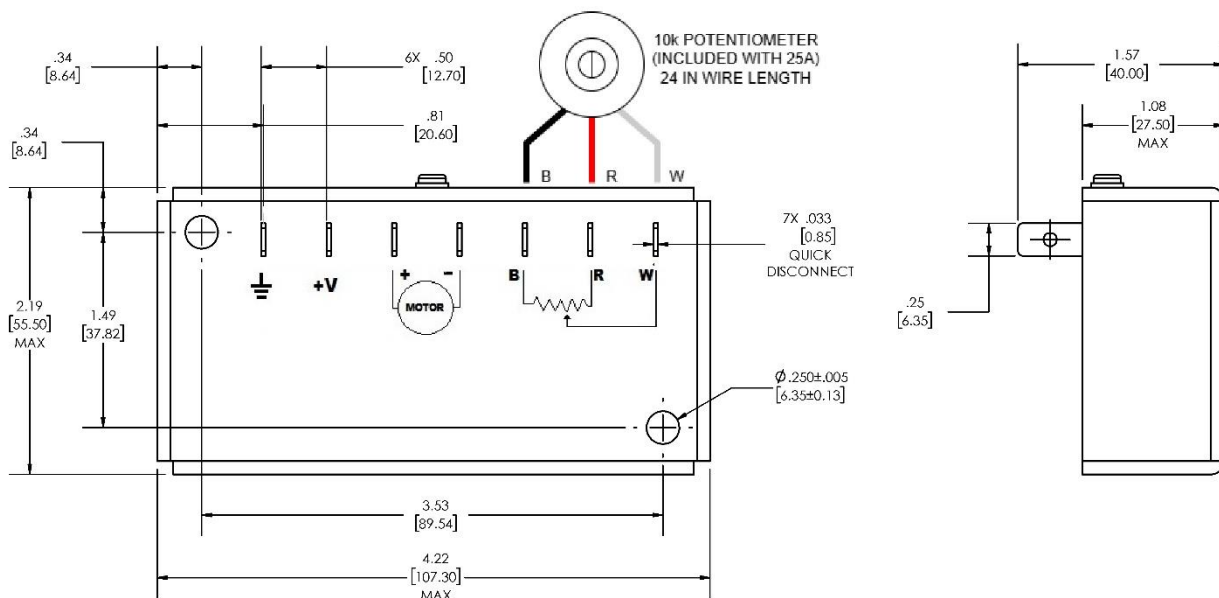




Model Number:

MMP 25A-12V



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

| Technical Specifications: | |
|------------------------------------|-----------------------------------|
| Supply Voltage: | 10-20 Volts DC |
| Output: | Current Sinking |
| Voltage Drop: | 1 Volt Max, 1/2 V Typical |
| Current – Continuous / Peak (max): | 20 Amps ++ / 40 Amps (1 Second) |
| Humidity: | to 100% condensing |
| Operating Temperature: | -40 °C to +85 °C |
| Storage Temperature: | -50 °C to +85 °C |
| Enclosure: | Aluminum |
| Terminals: | .250 x .032 Quick Disconnect Male |
| Switching Frequency | 22 kHz (HHO Generator Compatible) |

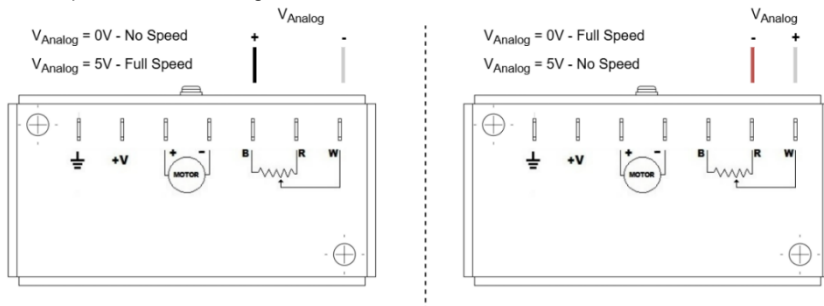
++ Recommended maximum time at 25A to not exceed 20 minutes. Proper heat sinking must be observed and temperature monitored. Customer is responsible for verifying that the control is adequate for the application.

WARNING: THE POLARITY OF THE DC INPUT VOLTAGE MUST BE OBSERVED, OR DAMAGE TO THE CONTROL COULD RESULT. Protect the unit from OVERCURRENT by using a 20A or 25A Slow Blow Fuse, in line with the (+) Power Input terminal.

Operation:

The MMP 25A-12V motor speed control operates on 10-20 Volts DC; Battery power is acceptable. They are designed to control the output speed of a brushed PM DC motor, by varying the output pulse width from 0% to 98% duty. The MMP 25A-12V is easy to use, having just 7 “fast-on” interconnects— two for 12 Volt power, two for the motor, and three for the ‘pre-wired’ speed control potentiometer, one of which is included with each unit. If wanted the user can cut the wiper connection to coast the motor to a stop.

The MMP 25A controls can also accept a 0-5 VDC analog command.



CAUTION : When using an analog command option, note that any improper connection may result in motor runaway or no motion control. Be sure not to exceed 5V input or damage to the control can result.

MIDWEST MOTION PRODUCTS, INC

DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT

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