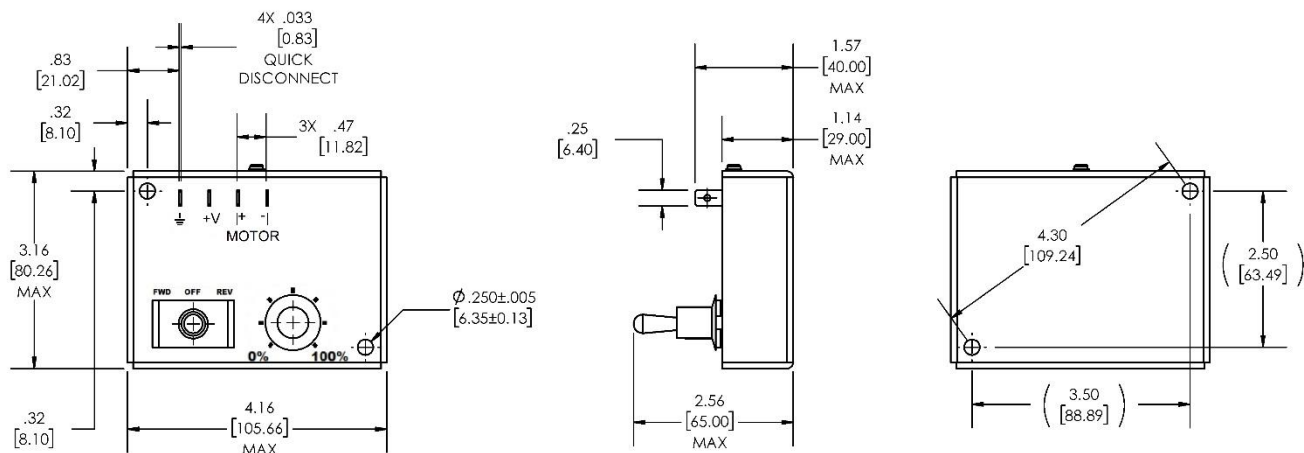




Model Number:

MMP 20A-24V-RSP



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

Technical Specifications:	
Supply Voltage:	18-32 Volts DC
Output:	Current Sinking
Voltage Drop:	1 Volt Max, 1/2 V Typical
Current – Continuous / Peak (max):	15 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

++ Recommended maximum time at 25A to not exceed 10 minutes. Allowing the controller to get overloaded may cause the controller to lose speed control and cease functioning altogether. 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 20A-24V-RSP motor speed control operates on 18-32 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 20A-24V-RSP is easy to use, having just 4 “fast-on” interconnects— two for 24 Volt power, two for the motor. A directional knob and speed control potentiometer is built into each unit, giving easy setup for your application with bi-directional, varied motor speed.

Note that the directional knob is a latching switch, meaning it will remain in the designated position until changed by the user.

To keep startup currents low, it is recommended that when changing direction to allow the motor to come to a stop before changing direction.

MIDWEST MOTION PRODUCTS, INC

DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT

www.midwestmotion.com

email: sales@midwestmotion.com