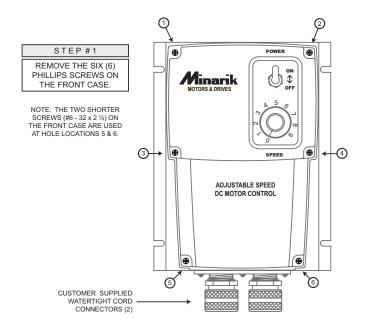
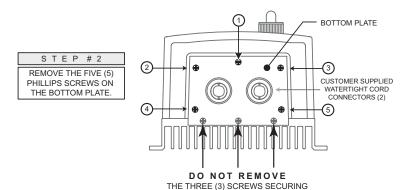


MC10 & MC10-R

NEMA4X SCR MOTOR CONTROLS

QUICK START GUIDE

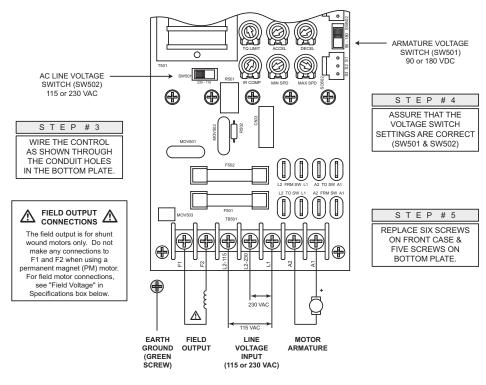




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THE BOTTOM PLATE TO THE HEATSINK

CONNECTIONS



OPERATION

MC10 Non-Reversing Speed Control

- 1. Set the speed adjust dial to "0" (full CCW).
- Apply AC line voltage.
- 3. Set the POWER switch to the ON position.
- Slowly advance the speed adjust potentiometer CW.
 The motor slowly accelerates as the potentiometer is turned CW. Continue until the desired speed is reached.
- To coast the motor to a stop, turn the speed adjust potentiometer to "0" or set the POWER switch to the OFF position.

MC10-R Reversing Speed Control

- Set the FORWARD/OFF/REVERSE switch to the OFF position.
- 2. Set the speed adjust potentiometer to "0" (full CCW).
- Apply AC line voltage.
- Set the FOWARD/OFF/REVERSE switch to the desired direction of rotation.
- Slowly advance the speed adjust potentiometer CW.
 The motor slowly accelerates as the potentiometer is turned CW. Continue until the desired speed is reached.
- To coast the motor to a stop, turn the speed adjust potentiometer to "0" or set the FORWARD/OFF/REVERSE switch to the OFF position.

SPECIFICATIONS

AC Line Voltage115 VAC or 230 VAC, ±10%, 50/60 Hz, single phase
Horsepower Range with 115 VAC applied
Horsepower Range with 230 VAC applied
Maximum Armature Current
Maximum Field Current
Field Voltage
for 115 VAC Input 50 VDC (F1 to L1); 100 VDC (F1 to F2)
for 230 VAC Input 100 VDC (F1 to L1); 200 VDC (F1 to F2)
Form Factor
Analog Input Voltage Range (signal must be isolated; S1 to S2):
for 0 - 90 VDC Armature Voltage0 - 1.4 VDC
for 0 - 180 VDC Armature Voltage0 - 2.8 VDC
Input Impedance (S1 to S2)
Load Regulation
Style

- 7. To reverse direction:
 - a. Set the FORWARD/OFF/REVERSE switch to the OFF position
- After the motor comes to a complete stop, set the FORWARD/OFF/REVERSE switch to the desired direction of rotation

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