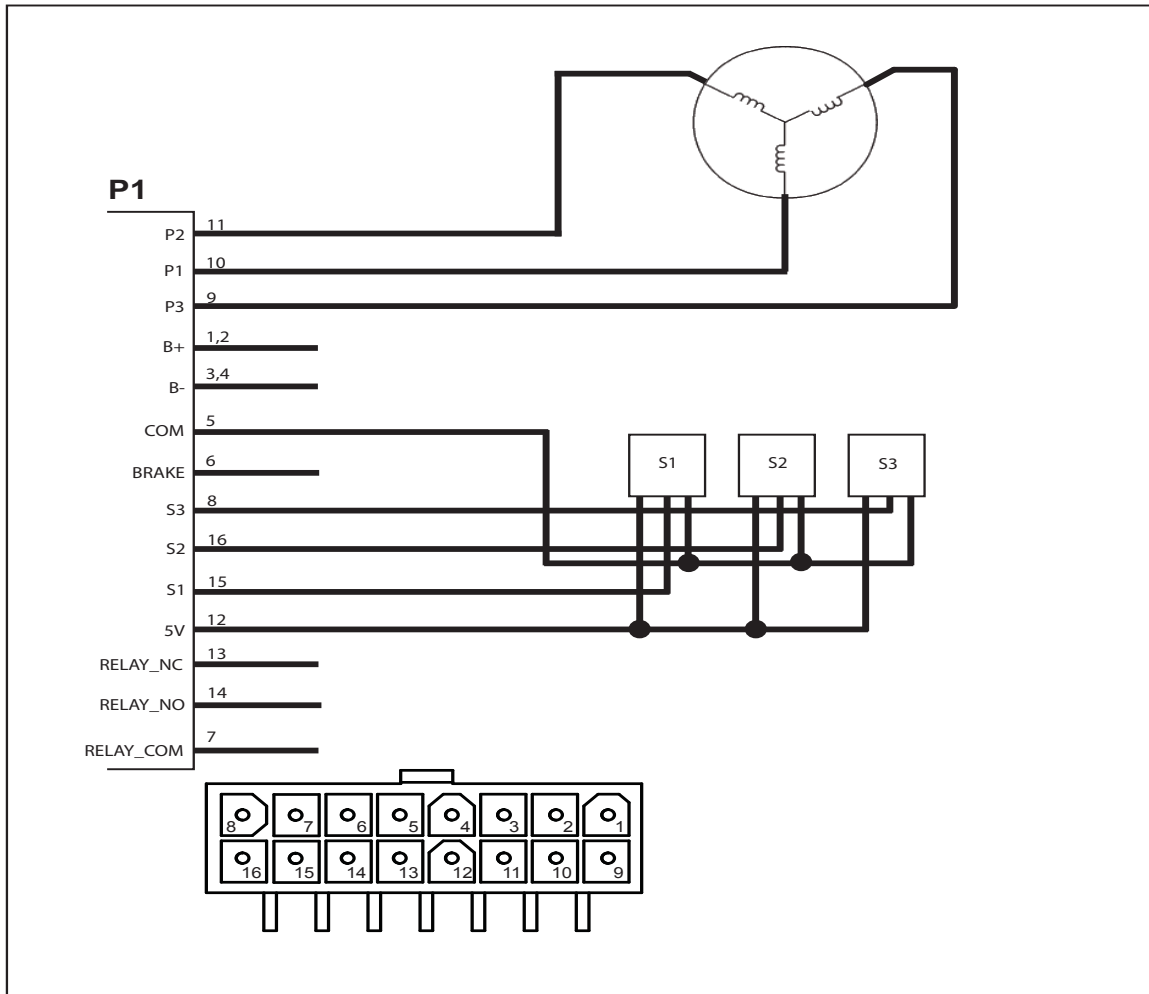


Electrical Installation & Diagrams

P1 Terminal Block Hook-Up Diagrams



P1 Terminal Block Descriptions

- P1-1&2 (B+) - The Positive input from an external DC power supply.
- P1-3&4 (B-) - The Negative input from an external DC power supply.
- P1-5 (COM) - This is the common terminal. The speed sensor common lead as well as any other source needing to reference the control common will be connected to this terminal.
- P1-6 (BRAKE) - This is the Remote Input Brake terminal. When this terminal is connected to common, the motor will stop.
- P1-7 (RELAY_COM) – Relay common contact.
- P1-8 (S3) – This is the Sensor 3 input from the motor.
- P1-9 (P3) – Phase 3 of the motor is connected to this terminal.
- P1-10 (P1) - Phase 1 of the motor is connected to this terminal.
- P1-11 (P2) – Phase 2 of the motor is connected to this terminal.
- P1-12 (+5V) – This is a self-contained +5VDC power supply capable of up to 50mA. The speed sensor supply lead can be connected to this terminal for its power source.
- P1-13 (RELAY_NC) – Relay normally closed contact.
- P1-14 (RELAY_NO) – Relay normally open contact.
- P1-15 (S1) – This is the Sensor 1 input from the motor.
- P1-16 (S2) – This is the Sensor 2 input from the motor.