

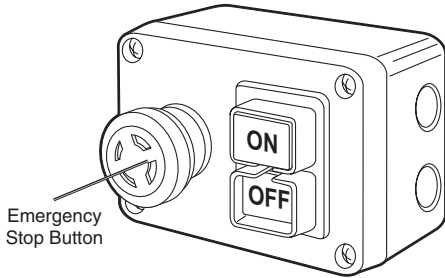
POWERTEC®

Magnetic Switch (120 V)

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QUESTION...

1-847-780-6120



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WARNING

Read and understand the instructions before installing this switch.

NOTE:

This switch features a magnetic ON/OFF switch with a large emergency stop button. The electrical box has four 5/8" knockouts for wire access and four 1/4" knockouts for mounting the assembly.

SPECIFICATIONS

Rated Horsepower	1/2 HP
Rated Voltage	120 V
ON/OFF Switch Rated Current	16A
Emergency Switch Rated Current	18A
Dimensions	3-1/8" x 4-1/2"

SAFETY INSTRUCTIONS

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WARNING

To reduce risk of serious burns, electrocution or death when installing this switch:

- This switch is to be used to replace an existing machine switch with the same physical configuration, equivalent electrical specifications and ratings.
- The installation of this switch **MUST** be performed by an electrician or qualified service personnel in accordance with all national and local electrical codes.

- This switch **MUST** be installed on an electrical circuit with a verified machine ground, correct voltage and adequate fuse protection.
- Before installing the switch, **TURN OFF AND COMPLETELY DISCONNECT ALL POWER SOURCES** to the machine.
- **DO NOT** use this switch in damp or wet locations. **DO NOT** use this switch near explosive fumes or flammable liquids. It is not sealed or rated for these environments.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

INSTALLATION

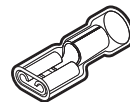
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WARNING

Connect the switch to stranded wire with insulated crimp type wire terminals.

The ON/OFF switch requires female quick-disconnect wire terminals.

NOTE: The emergency stop button does not require wire terminals.



Female Quick-Disconnect Wire Terminals

All crimps **MUST** be "pull-checked" to ensure that wires are securely crimped. If crimps are not secure they may disconnect and fall out with moderate tension or when exposed to normal machine vibration.

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WARNING

- This switch **MUST** be installed on an electrical circuit with a verified machine ground. In the event of certain malfunctions or breakdowns the grounding reduces the risk of electric shock by providing a path of least resistance for electric current.

To Install

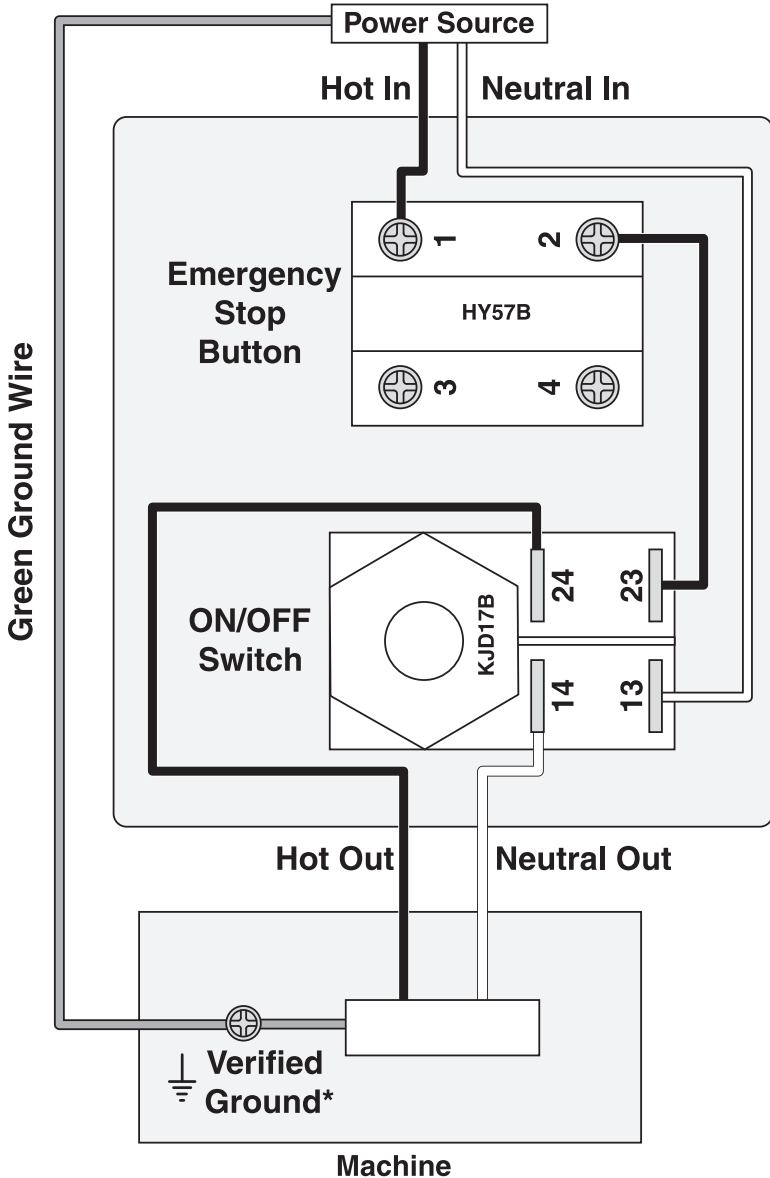
See the *Wiring Diagram* to properly install the switch.

NOTICE

Reset the emergency stop button for operation by twisting it clockwise until it pops out.

WIRING DIAGRAM

Rear View of Switch



Visit us on the web at powertecproducts.com



Put these instructions and the original sales invoice in a safe, dry place for future reference.

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