

Model D4155 120V Magnetic ON/OFF Switch Instruction Sheet



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!WARNING

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

- Only use this switch to replace an existing machine switch that has the same physical configuration and equivalent electrical specifications/ratings.
- Installation must only be performed by an electrician or qualified service personnel, and all applicable electrical codes must be adhered to.
- Turn *OFF* and completely disconnect all power sources to the machine before installing the switch.
- Do not use this switch in wet or damp locations, or near explosive fumes or flammable liquids. It is not sealed or rated for these environments.
- Make sure there is a verified machine ground on the circuit this switch is installed.

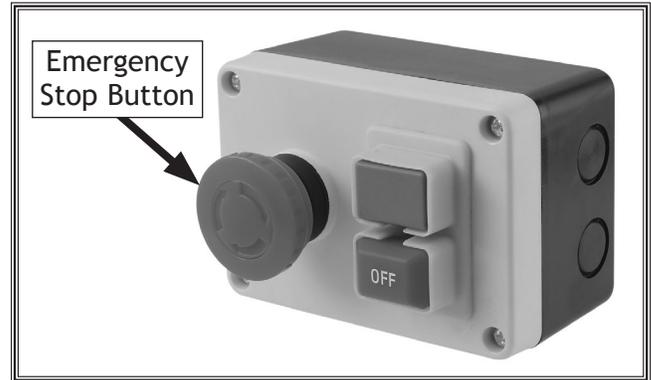


Figure 1. D4155 Magnetic ON/OFF Switch.

Introduction

The Model D4155 features a magnetic ON/OFF switch with a large emergency stop button. The electrical box has four $\frac{5}{8}$ " knockouts for wire access and four $\frac{1}{4}$ " knockouts for mounting the assembly.

Specifications

Rated Horsepower $\frac{1}{2}$ HP
Rated Voltage 120V
ON/OFF Switch Rated Current 16A
Emergency Switch Rated Current 18A
Dimensions $3\frac{1}{8}$ " x $4\frac{1}{2}$ "

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Installation

When installing the D4155 switch, use the wiring diagram in **Figure 2** to ensure proper wire connections.

WARNING

This switch is intended to be connected to stranded wire with insulated crimp-type wire terminals.

The emergency stop button requires ring wire terminals.



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



All crimps must be "pull-checked" to ensure that wires are securely crimped and will not fall out with moderate tension or when exposed to normal machine vibration.

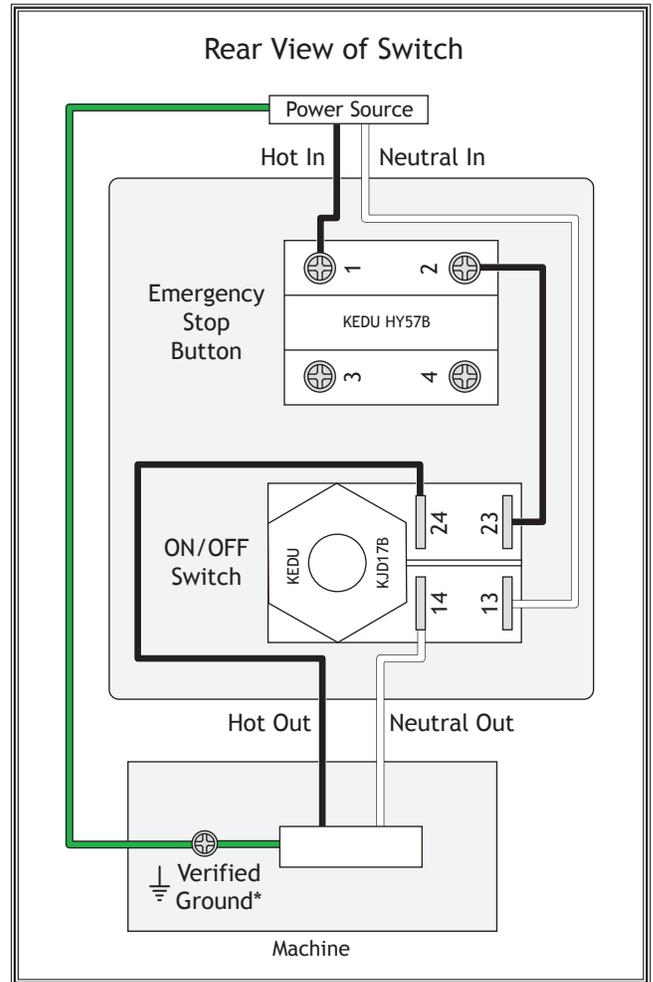


Figure 2. D4155 wiring diagram.

*The machine **MUST** be connected to a verified ground. In the event of certain malfunctions or breakdowns, grounding reduces the risk of electric shock by providing a path of least resistance for electric current.

NOTICE

To reset the emergency stop button for operation, twist it clockwise until it pops out.