

# Tech Bulletin

## 600873 Speed Control Installation Instructions

### 600873 Speed Control Install Instructions Revised: 2/22

#### Application:

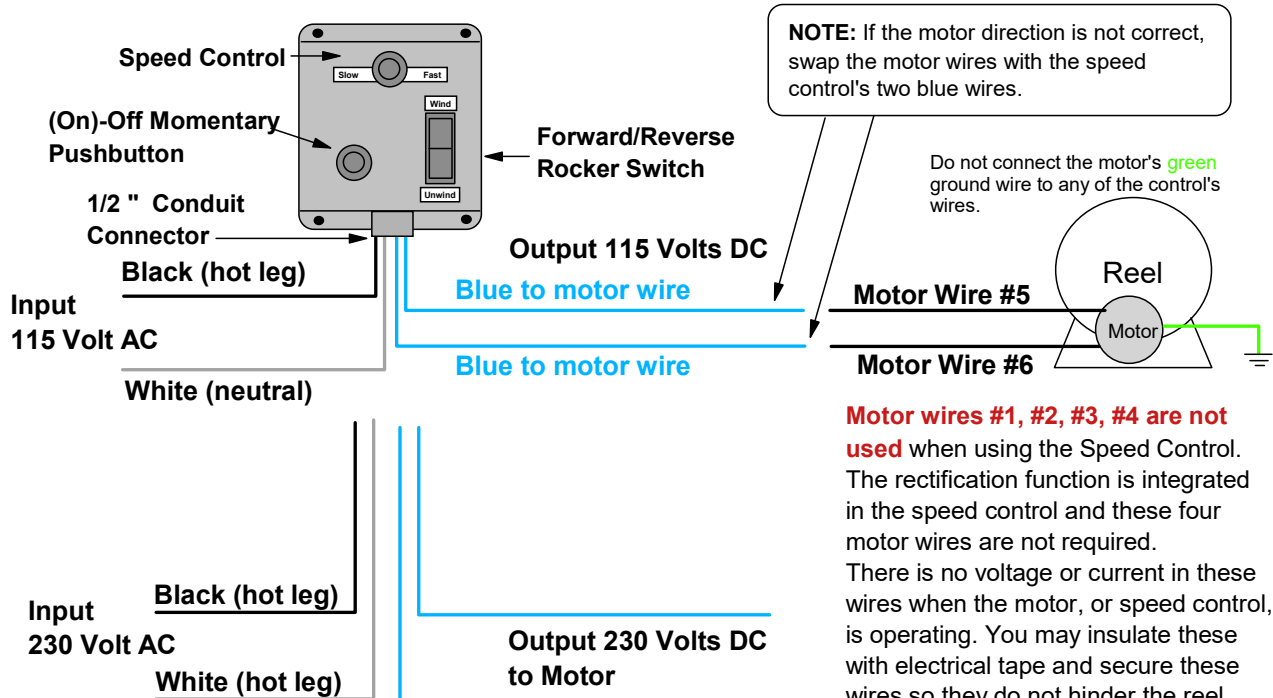
The **600873** is a Forward/Reverse Variable Speed Control and is specifically designed for the 115 Volt or the 230 Volt Universal Motors (Rectified DC Motors) with a Motor Tag Current Rating of no larger than 10 Amps. The control contains an internal rectifier, therefore the internal motor rectifier wires are not used. See wiring instructions.

#### New Application Restriction:

The control cannot be used for motor wires longer than 150 feet. The added inductance caused by the long motor wires is beyond the specs of this control. If you require a control with longer than 150 feet of motor wires, you must contact Reelcraft to acquire a "special application" control.

**Mounting:** Screw holes in the enclosure flange or drill your own holes in the flange. Mount the control standing up; not flat on it's back.

#### Wiring Instructions **Before wiring the control, assure the direction rocker switch is in the "center off" position.**



**Make the wire connections in your own electrical box** - Do not open the controller. There is no room in the controller to make your wire connections. Use aluminum conduit between the controller and your electrical box.

**Circuit Protection** - The installer must provide the 12 AWG, 2 conductor feed line and it must be on it's own circuit, protected by a 15 Amp circuit breaker in the electrical service panel. Do not use a ground fault breaker for the motor controller circuit protection.

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