Tech Bulletin
600873 Speed Control
Installation Instructions

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 600873 contains an internal rectifier, therefore the internal motor rectifier wires are not used. See wiring instructions. It is advisable to mount the control out of the elements, the control is not completely weather resistant.

Mounting: Screw holes in the enclosure flange or drill your own holes in the flange.

Wiring Instructions

NOTE: If the motor direction is not correct, swap the motor wires with the speed control's two Blue wires.

Motor wires #1, #2, #3, #4 are not used when using the Speed Control. The rectification function is integrated in the speed control and these four motor wires are not required. There is no voltage or current in these wires when the motor, or speed control, is operating. You may insulate these with electrical tape and secure these wires so they do not hinder the reel drive mechanism.

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.