Tech Bulletin
S600870 Rocker Switch
Installation Instructions

Application:
The S600870 performs the Power On/Off switching function to the reel motor. It is specifically designed for a 115V or 230V Universal (AC to DC Rectified Motor). The S600870 contains an internal AC to DC rectifier and replaces the rectifier in the motor. Thus only motor wires #5 and #6 need to be connected. The rectifier motor wires #1, #2, #3, and #4 are not used. See wiring instructions.

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

Wiring Instructions

![Diagram of wiring connections]

Input 115 Volt AC
Black (hot leg)        White (neutral)

Input 230 Volt AC
Black (hot leg)        White (hot leg)

Output 115 Volts DC
Blue to motor wire

Output 230 Volts DC to Motor

Motor Wire #5
Blue to motor wire

Motor Wire #6

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

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 its 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.