Application:
The 600871 is a 115V and 230V Motor Control and is specifically designed for the 115 V DC or 230 V DC Universal Motor (AC to DC Rectified motor) with motor tag current ratings no larger than 10 Amps.

Mounting: Screw holes in the enclosure flange or drill your own holes in the flange. Mount the control upright with the wires coming out on the bottom. Do not mount the control flat on it's back.

Wiring Instructions:

Motor wires #1, #2, #3, #4 are not used when using the 600871 Speed Control. The AC to DC rectifier function is inside the speed control and these four wires are not used. Insulate these with electrical tape and secure these wires so they do not hinder the reel drive mechanism.

You must use a Double Pole / Single Throw momentary pushbutton switch. When the pushbutton is pressed, the Orange wire makes connection with the motor wire providing 115 Volt DC to the motor and the Yellow (5V signal) wire tells the controller to soft start the motor. When the pushbutton is released, the Orange wire is disconnected from the motor wire allowing the reel to turn freely and the Yellow wire is disconnected telling the controller to turn off the motor.

Circuit Protection - The installer must provide the 12 AWG feed lines (hot leg and neutral), 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.