

# SB115ACR Instructions

## Application/Operation:

The **SB115ACR** is a motor control specifically for the 115/230VAC Baldor \_\_ Series with an internal Brake. The SB115ACR contains auto shutdown circuitry to accept inputs from the -- Photocall when the hose, or cable, is wrapped with reflective tape at the desired stop points.

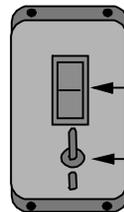
**Operation:** Press the Up on the rocker switch and the reel will wind. Press the Down on the rocker switch and the reel will unwind. There will be a 1 second delay in the reel travel to allow the internal motor brake to release prior to allowing the motor to turn. When the reflective tape travels past the Photocell, the reel will shut off.

Power On/Off "Reset" switch should be used to turn off power to the controller and the motor. It should also be used as an On/Off reset should the controller stop working due to an abnormal power feed condition.

**Photocell/shutdown Operation:** The controller knows the motor direction when the tape passes the photocell and the reel is shutdown. When the operator presses the Unwind button and the reflective tape passes the photocell, the reel will shutdown. Continually pressing the Unwind will not turn the reel. The operator must press the Wind button for 5 seconds. During this 5 seconds, the photocell/shutdown is disabled allowing the tape to pass the photocell. After Wind is performed for 5 seconds, we then allow the Unwind button to unwind the hose and the photocell will shutdown the reel, again, when the tape passes the photocell. If the Wind button is pressed and the hose is wound up on the reel, the tape will pass by the photocell, and the controller will shutdown the reel. Continually pressing the Wind will not operate the reel. The Unwind button must be pressed for 5 seconds to allow the tape to pass the disabled photocell. After 5 seconds, we enable the Wind button to operate the reel until the tape passes the photocell, which will shutdown the reel, again.

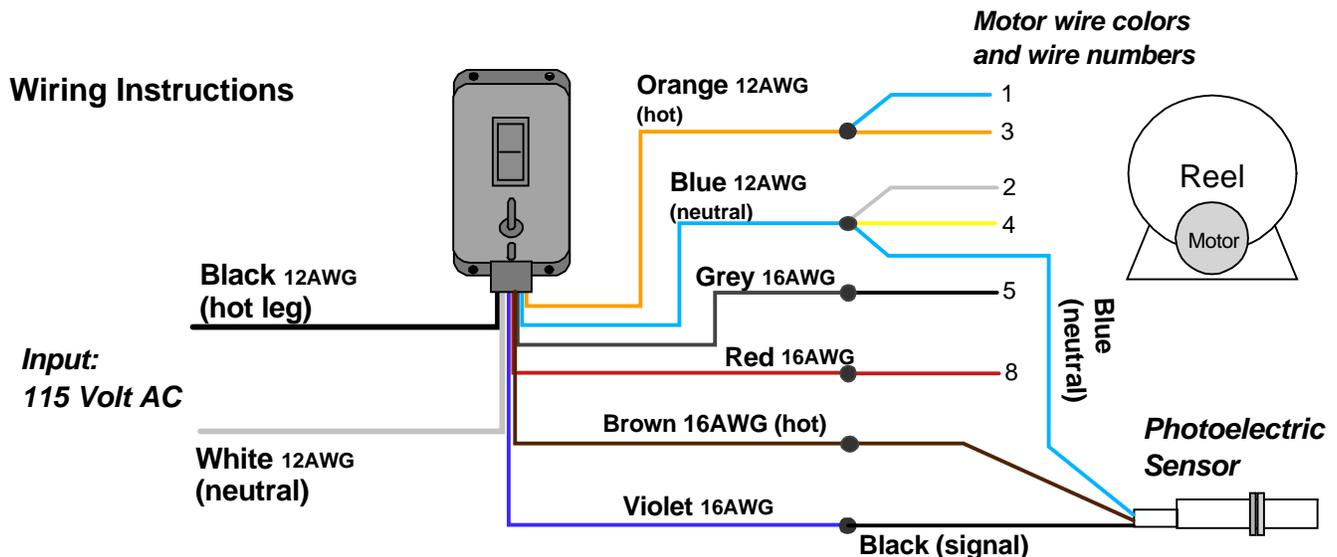
## Mounting:

Top and bottom flanges are provided with two screw holes in each flange. It is not required that the enclosure be grounded. The control and enclosure is grounded internally.



Wind / Unwind Momentary  
Rocker Switch

Lockout/Tagout Power On/Off Switch



**NOTE:** If the motor direction is not correct pertaining to the speed control's Wind/Unwind switch, then swap the motor wires #5 and #8 with the controller's Grey and Green wires.

NOTE: Use 12-3 wiring for the power feed and protect the Control's Black (hot) with a 15 Amp Circuit Breaker in the electrical service panel. (use a 20 amp Circuit Breaker if feeding power to multiple reels). Use a **junction box** to make all power, accessory, and motor connections. The controller has a Carflex 3/4" Connector to mate with your Carflex flexible weathertight conduit between the controller and your junction box.