Instructions for 110 Volt Somfy Motor.

**IMPORTANT**
- one motor on a single pole or two on a double pole switch.
- Additional motors on same switch require special relays

**110 Volt Motors Wire to Codes**
- Motor Cable
  - It can pass through the center or side of the motor head.
  - Raise Yellow cover plate slightly, reposition cable and press back into place

**NEVER**
- Wire in Parallel or Use standard Light Switches
- Test Cable (rent from Solar-Screen)
  - It gives installer the ability to set limits before wiring.
  - Save time with multiple shades

Unwind about 12 inches of shade material before placing shade in brackets. Take care not to kink the shade material especially Mylar.

*See Shade Brackets and Wiring Diagram pictured on the reverse side.*

**Motor Bracket** is equipped with a **clip ring** that locks shade into place automatically. Use Pull Off Tool to release if you must remove shade from the bracket.

Note **Yellow Cover** on Motor. Motor can be located axially in 6 positions-select one that provides access to the **Yellow Limit Switch Cover**.

**Idler** is **self adjusting** spring loaded.

**Install** shade by pressing into the Self Leveling Nylon Ball on the Idler Bracket and then into the Motor Bracket.

**Setting the Down and Up Limits.** *(limit the movement Up and Down to the window size)*

Power Shade to confirm Switch operates in the correct direction. If not the wiring is reversed.

#1. **Remove Yellow protective Cap exposing both Up and Down Limit Switch.**
#2. **Depress both Limit Switches—shade will continue to run unless stopped by switch.**

*Take care not to let shade travel too far in either direction.*

#3. **Power the shade to the lower limit position—stop motor.**
#4. **Press Limit Button that is in the direction of the roll.**
#5. **Power the shade to the upper limit position—stop motor.**
#6. **Press Limit Button that is the direction of the roll.**
#7. **Test shade by running Up and Down—if correct replace the yellow cover.**

Limits can be changed by pressing the appropriate button and repositioning.

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**Stop Position**

With **Limit Button** pressed in bring Shade to the desired stop position. **Note direction of rotation.**

**Release Limit Switch** button that lies in the direction of rotation by pressing it down again.

Stop is Set
One Motor / Single Pole Switch

- Power 120V AC
- Ground
- Neutral Line

Junction Box

Decorator Paddle/Toggle Switch

Single Pole Switch-controls 1 shade

Double Pole Switch-controls 2 shades

Motor Bracket

Two Motors / Double Pole Switch

Motor A
- Motor Ground (Green)
- Motor Common White
- Red (Dir. 2)
- Black (Dir. 1)

Motor B
- Neutral from Source
- Hot from Source
- Red (Direction 1)
- Black (Direction 2)

Switch Box

Jumper

Crown Design-with Locking Spring Ring

6 Positions for Motor Head.
Set so Limit Switches are reachable.

Free Turning Side (Idler)
Spring Loaded-Self Adjusting

Bracket Idler Side
Self aligning Nylon Ball with Bearing Surface

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