

SHUTTER ADDENDUM

The 2200 is normally used with "shade" window coverings such as awnings, sun shades, etc... Due to this, the 2200's standard configuration will raise the window covering in high wind or rain to protect it. This usually is the opposite of what is desired with a storm shutter. However with a few changes in the standard wiring, most desired automatic functions can be accomplished.

1) If Rain (close) and Manual control is desired:

Instead of connecting the rain sensor R output to the 2200 R input (terminal 12), connect the rain sensor R output to the 2200 external down input i2 (terminal 8)

2) If Rain (close) and Automatic open (in automatic mode) and Manual control is desired:

Connect the rain sensor as above in (1). To make the 2200 open the shutter automatically after the rain signal has cleared, connect a sun sensor as per normal instructions but make sure the sun sensor is kept out of the light. The sun value on the 2200 LCD should read 0 klx or close to it and not --. Make sure the sun threshold value is set above the measured sun value. The 2200 will automatically open the shutter after the rain signal has cleared (in automatic mode only) If the 2200 is in manual mode, any up commands will have to be given manually by the user after the rain signal has cleared.

3) If Wind (close) and Manual control is desired:

The wind function is always an up command. The only way to make the wind lower the shutters at a high wind signal is to reverse the wires on terminals 15 and 16 so a command from the up face plate switch on the 2200 makes the shutter run down. This means both the face plate switches (up and down) on the 2200 and the direction indicator arrows (up and down) on the 2200's LCD screen will be reversed from the shutter's actual direction of travel.

4) If Wind (close), Rain (close) and Manual control is desired

Reverse the control direction as per (3) above and connect the rain sensor normally as shown in the standard diagrams.

5) If Wind (close), Rain (close), Automatic open (automatic mode only) and Manual control is desired:

Wire the 2200 as described in (3) and (4) above. Connect a wire (jumper) between terminals 1 and 2 on the 2200. The sun level should read 60 klx continuously. The 2200 will automatically raise the shutter after the wind and rain signal has cleared (in automatic mode only)

Note: The rain sensor is an override function in automatic and manual modes. If you wish to be able to manually override the rain sensor locking the shutter down, an off/on switch (standard light switch) must be wired in series in the line from the rain sensor R output to the 2200. On = rain function enabled. Off = rain function disabled.

****IMPORTANT** The 2200 is an automatic control with automatic functions for rain and wind that will override manual inputs and lock the system. Never use the 2200 to control hard coverings (shutters, etc...) over egress ways as they may prevent exit in an emergency.**