

Somfy Eolis RTS (#6150546) and Soliris RTS (#6150519) Operational Description: FCC ID DWNRTS1 & DWNRTS2

Power Supply

Generates regulated 5 VDC power from 24 VAC input voltage.

Clock Generator

Generates the 433.42 MHz clock for the transmitter amplifier.

Modulator, Transmitter Amplifier

Modulates the carrier with a digital signal from the microcontroller for data transmission. The transmitter amplifier amplifies the modulated carrier.

Microcontroller

Processes the input signals from the wind anemometer and sun photo-diode (Soliris only) and activates a transmission based on set points