

Somfy DecoFlex Switch (#1810813, 1810814, 1810830) Operational Description

Power Supply

Battery powered device. Additional electronics resets micro when battery is discharged.

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 push-button switches and “decides” which RF signal to send.