

APPLICANT: Sola Technology Inc.
FCC ID: 2ABOB-350F

The theory of **Three Position Touch Switch** (Model: **SLLTS-350F**):

1, RF Unit (Part Name: U2, Model Name: ZM2102): Short Press SW 1, 2 or 3 switch and give a voltage signal to RF Unit, RF unit can manage relay's on-off. Long Press SW 1, 2 or 3 switch and give a voltage signal to RF Unit, after signal is processing by RF unit, it can transmit an order to the other device. And, it can receive the order from other device to manage relay's on-off. The Crystal frequency is 32.000MHz.

2, AC/DC Module: AC/DC Module can provide state current for RF Unit.

3, Relay (Part Name: K1, K2, K3, Model Name: YX206F-S-112DM): Receive the order from RF unit to switch the load circuit.

4, Antenna is on the PCB. The antenna gain is 0dBi.

5, Switch (Part Name: S1, S2, S3, Model Name: TSC100) is a touch Switch.

Note: The unit frequency is 908.42MHz, 1 Channel.

The unit's RF output power is 1.5mW.

The modulation provided by ZW0201 (U1), and type is frequency modulation.

It used the FSK technique.