DESA
SPECIALTY PRODUCTS

Heath®/Zenith

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TX Product Description

Heath®/Zenith Model number: SL-6444 (Prefix and/or suffix could change)
FCC Model designation: WB-6444-TX
FCC ID#:   BJ4-64WDB44TX
IC #:   Canada: 3984A-6444TX

SL-6444 Description

The model listed is a door bell push button wireless transmitter in a metal housing that can transmit to one or more different receivers. Two 3-volt CR-2032 lithium batteries power the transmitter circuit. This input power is internally regulated in each encoder IC T-99. The miniature dip switches control the coding for the T-99 encoder, allowing up to 128 different code possibilities for each button. The output of each encoder chip goes through the oscillator/modulator stage. A SAW Resonator circuit sets the frequency, which is 315M Hz. The encoded signal from either button is then sent through the "helical" antenna mounted on the PCB and the RF output is transmitted into the air.

This circuit is very similar to our current WB-SAW-TX circuit (FCC ID: BJ4-62WDB93TX), with one minor difference. The PCB layout is slightly different and we have also added a LED circuit to 'halo' light the push bar in dark ambient conditions.