

## One Touch Control – 8 Key

### ZigBee Wireless

(T13 708)

### Technical Manual



#### Product Overview:

Toyama Touch Art switches are intelligent control devices that provides convenient and comfort to the user. Usage of SMD components not only ensures reliability but also makes the product highly compact for its functionality and features. The use of SMPS (Switch Mode Power supply) makes the Touch Art switches operational across countries from North America having 127V supply to European/Asian countries having 230V supply without any field setting. Zigbee Wireless switches to operate with Toyama home gateway through Wireless Zigbee Protocol for Automation.

#### Technical Specification:

- Power Source : 90-270V/AC
- Power Frequency : 50-60Hz
- Number of Scene : 8
- Operating Temperature : -10 to +55 °C
- Standby power Consumption : <10mW

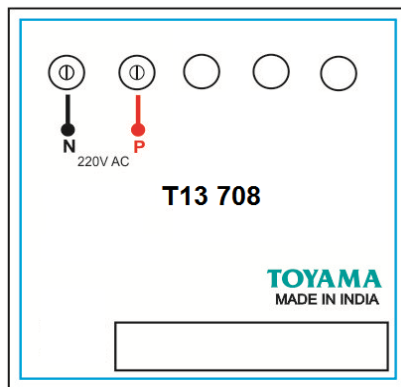
#### ZigBee:

- Frequency : 2.4GHz
- Protocol : ZigBee HA1.2
- TX strength : +20dBm
- Range : 50 ft Open
- Network : Mesh topology

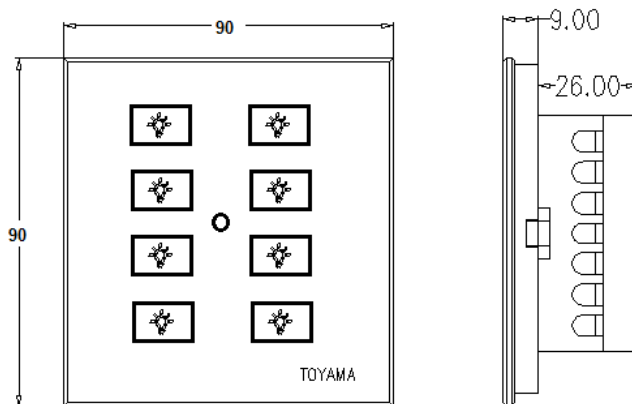
### Key ZigBee Features:

- Built-in power amplifier for exceptional range giving the module superior range and stability in large homes or areas with wireless interference.
- Easy compatibility with other manufacturers' ZigBee Gateway/controller
- LED indicator for live Network / LED indicators for on/off status.

### Wiring Diagram:



### Dimensions:



### Note: Suitable For

- Mounting on 2 module metal box (75mmX75mmX50mm)
- Use 1.5 Sq.mm flexible wires for Phase, Neutral & Load connections.

### Safety Warnings:

- If the input voltage increases to 440V the device will burn.

### Standard Warranty:

- Toyama offers a standard 12 months limited warranty on all the Touch Art switches.