

## TOUCH ART REMOTE SWITCH 7 ZONE ZIGBEE (T13 107 Z)

### Technical Manual



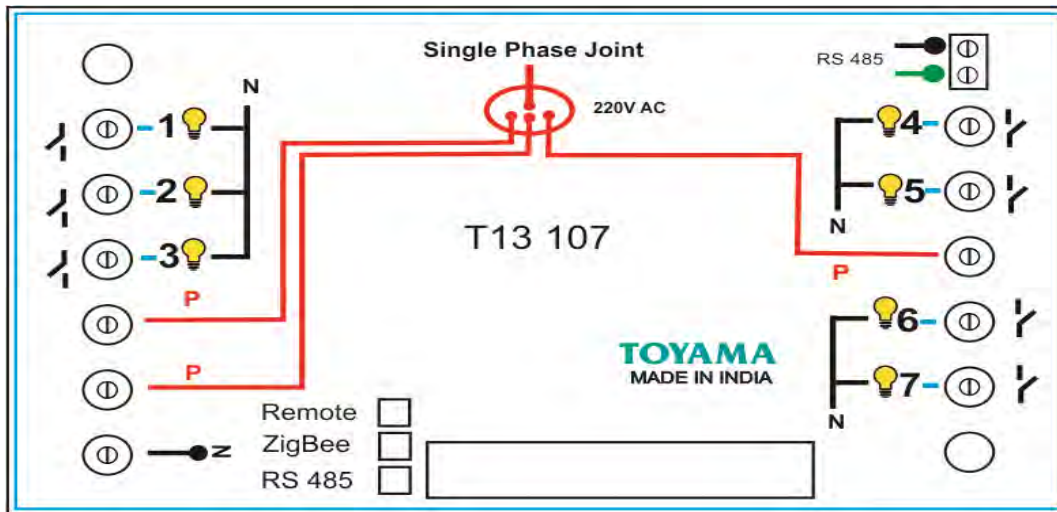
#### DESCRIPTION:

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. The various functions can be performed from the wall unit or hand held IR remote. Zigbee Wireless switches to operate with Toyama home gateway through Wireless Zigbee Protocol for Automation.

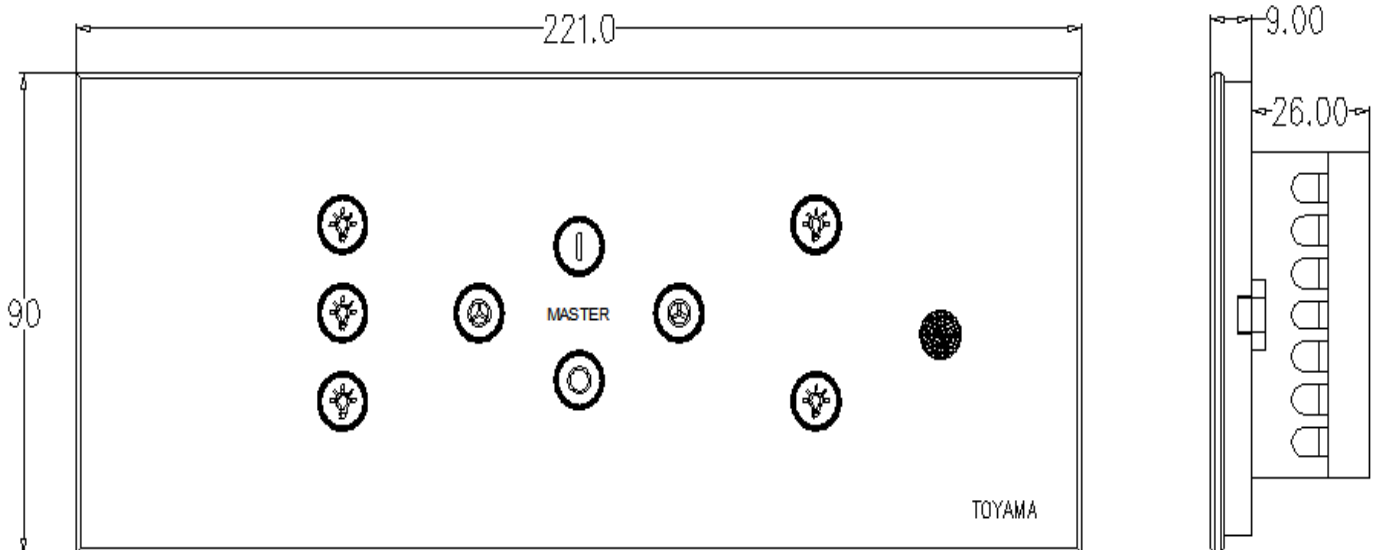
#### TECHNICAL DATA:

- Power Source : 90-270V/AC
- Power Frequency : 50-60Hz
- Number of Switching Zones : 7
- Load per switching zone : GLS bulbs 1000W  
Halogen lamps 300W  
Fluorescent lamps 4 fittings
- Remote Operating range : 25 Feet
- Operating Temperature : -10 to +55 °C
- Standby power Consumption : <10mW
- Zigbee RF Transceiver : 2 way RF 2.4GHz  
H.A. Profile IEEE 802.15.4
- Zigbee Range : 50M Open
- Network : Mesh Topology
- Number of hops : 5

**WIRING DIAGRAM:**



**MECHANICAL DIMENSIONS:**



**Note: Suitable For**

- Mounting metal box for the device - 6 Module (75mmX210mmX50mm)
- Use 1.5 Sq.mm flexible wires for Phase, Neutral & Load connections.