



Data Sheet Rev 3.2

# TISBEE DION SWITCH

TWO-GANG SMART WALL SWITCH

Model: DIO-2G-SW-BEE-N



## OVERVIEW

The Dion 2G is a wall switch with two push buttons, ideal for smart control over lights. It easily replaces a dumb switch and provides manual plus over-app control for maximum convenience, efficiency, and intelligence.

### KEY BENEFITS

- ✚ Powered by the latest ZigBee version
- ✚ Controllable via TIS APP
- ✚ Ideal for lights control
- ✚ Easy to install and set

### KEY FEATURES

- ★ TIS protocol compatible
- ★ Minimal design with 2 gangs
- ★ Applicable in all types of projects
- ★ Fits in all standard back boxes

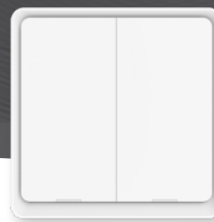


# TISBEE DION SWITCH















## Two-Gang Smart Wall Switch

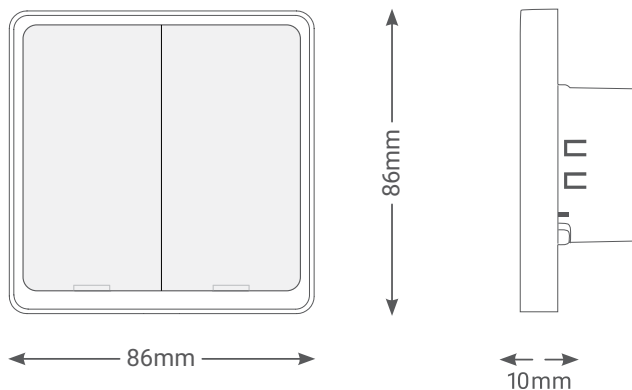
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### PRODUCT SPECIFICATIONS

|   |                                 |                             |   |
|---|---------------------------------|-----------------------------|---|
|    | <b>Power supply</b>             | Input voltage               | 110-230 VAC 50/60 Hz                              |
|   |                                 | Output power                | 220 V   |
|   |                                 | Protection                  | Internal protection fuse                          |
|   |                                 | Current consumption         | 10-30 mA / 12 V                                   |
|    | <b>Output</b>                   | Number of channels          | 2   |
|   |                                 | Nominal voltage             | 110 / 230 VAC 50/60 Hz                            |
|   |                                 | Nominal current per channel | 3A / 230 VAC                                      |
|    | <b>Output switching current</b> | Max switching current       | 5A / 230 VAC resistive<br>2A / 230 VAC florescent |
|    | <b>Output service life</b>      | Mechanical endurance        | >10,000,000 OPS                                   |
|    | <b>Output switching times</b>   | Operating time              | 8 mS (at nomi. Volt)                              |
|   |                                 | Releasing time              | 5 mS (at nomi. Volt)                              |
|   |                                 | Max. operating frequency    | 25 cycle/min                                      |
|   | <b>TISBEE</b>                   | ZigBee signal               | 2.4 GHz   |
|   |                                 | Protocol standard           | ZigBee 3.0  |
|  | <b>Reaction time</b>            |                             | approx. 30ms                                      |
|  | <b>Mounting</b>                 | Wall mount                  | To US, EU, UK junction boxes                      |
|  | <b>Operation</b>                | Push buttons                | 2, with green LED                                 |
|  | <b>Weight</b>                   | Without packaging           | About 100g  |
|  | <b>Dimensions</b>               | Length × Width × Height     | 86mm × 10mm × 86mm                                |
|  | <b>Housing</b>                  | Materials                   | Fireproof PC/ Optional front cover                |
|   |                                 | Internal parts color        | black, gray, gold and white                       |
|  | <b>Temperature range</b>        | Operation                   | -10...60°C  |
|   |                                 | Storage                     | -20...50°C  |
|   |                                 | Transport                   | -25...75°C  |
|  | <b>Air humidity</b>             |                             | <80% non-condensing                               |



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TIS CONTROL PTY LIMITED  
SA, AUSTRALIA

TIS CONTROL LIMITED  
Wanchai, Hong Kong