

## Order Codes

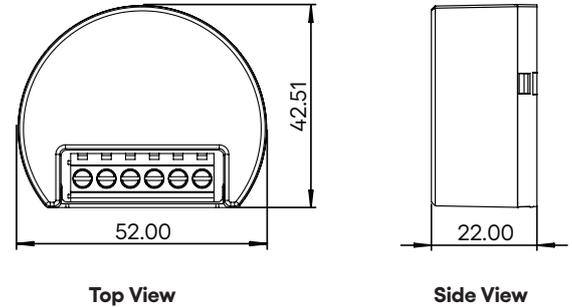
| Product SKU | Description                  |
|-------------|------------------------------|
| VS-IT1-W    | Integral T1 - White          |
| VS-ISM-W    | Integral Surface Kit - White |

## Technical Specification

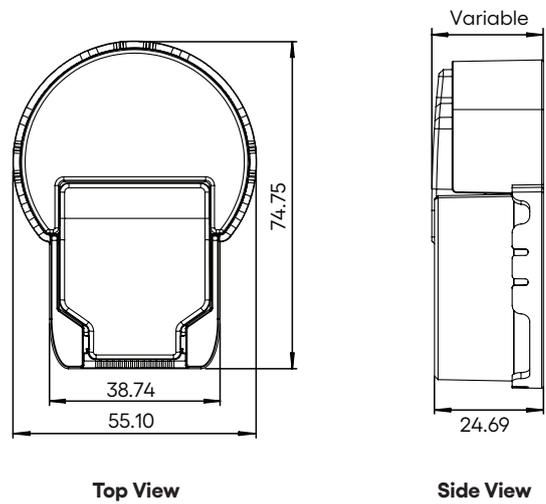
|                                      |   |
|--------------------------------------|---|
| <b>Control</b>                       | Casambi   |
| <b>Wireless Range</b>                | 98m/LR 180m (OA LOS)  |
| <b>Supply</b>                        | 100-277VAC 50/60Hz  |
| <b>Max Phase Dim Output</b>          | 1.36A Capacitive<br>1.36A Resistive   |
| <b>Type</b>                          | Trailing Edge   |
| <b>Max Inrush Current Protection</b> | 90A @ 1ms<br>Short Circuit, Soft Start<br>, Zero Crossing, Surge<br>2kV, Overheat 80C |
| <b>Push Button Input</b>             | 3x Push Buttons   |
| <b>Operating Temperature</b>         | ta 0 to 55C, tc 80C   |
| <b>Wiring</b>                        | Loop in/loop out  |
| <b>Terminal Capacity</b>             | 2.5 mm <sup>2</sup>   |
| <b>Mounting Screws</b>               | 2x M3 Flat Head   |
| <b>Screw Centres</b>                 | 25mm  |
| <b>Material</b>                      | Flame Retardant ABS+PC  |
| <b>Ingress Protection</b>            | IP20  |
| <b>Transceiver Frequency</b>         | 2.4GHz ISM Band   |
| <b>Warranty</b>                      | 5 Years   |

## Dimensions (mm)

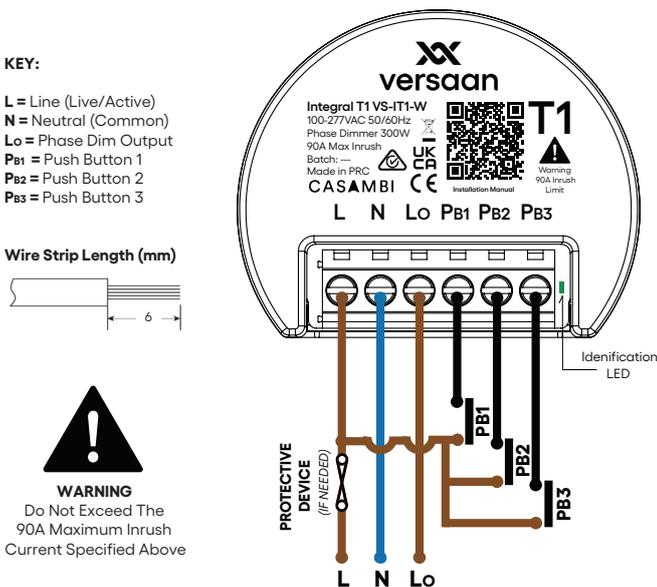
### VS-IT1-W



### VS-ISM-W (with T1 installed)



## Wiring Schematic



## Safety Information

Install only by a licensed electrician. Turn off and isolate the electrical supply before installation. No user serviceable parts; servicing voids the warranty. Installers must comply with building and safety codes. Refer to relevant standards.

## Important Conditions Of Use

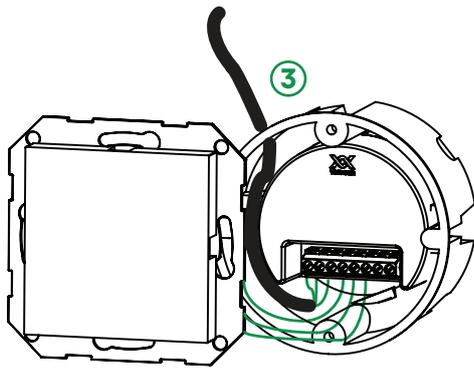
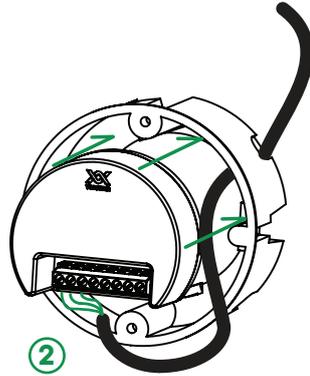
Carefully calculate the continuous and inrush current of the total load to ensure it doesn't exceed the maximum (max) as specified above, or risk T1 damage or failure, voiding warranty. Only push button (momentary) switches are to be connected to the T1. If a latching switch is connected the functions will not work as intended. The T1 uses Live connections with push buttons in order to detect presses and activate corresponding functions in the Casambi mesh network. Overheat protection activates at 80C turning output off completely, once the T1 cools down it can be used again by accepting the condition in the app or by cold power cycling it.

## Installation

Unbox the product and carefully inspect it for any signs of damage. If you notice any defects or issues, do not proceed with the installation. Return the product to the original place of purchase for an exchange.

### Back Box

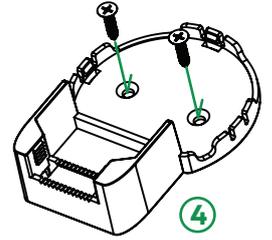
1. Make sure the back box is large enough to house Integral.
2. Pull power cable through the box and wire Integral as per fig 1.
3. Push Integral into the back box as per fig 2.



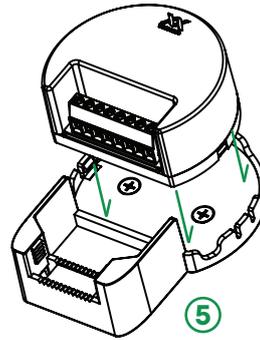
4. Depending on the Integral product, connect push button inputs to their respective push buttons on the switch (see fig 3).
5. Secure the push button switch to the back box as per the manufacturers instructions.

### Surface Mount

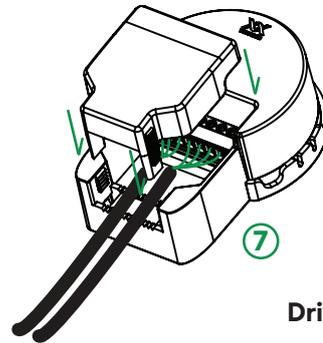
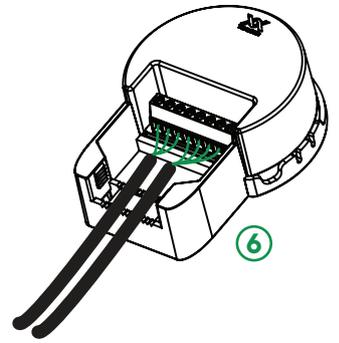
1. Install 2x M3 screws provided with the Integral Surface Kit (fig 4). Screw centres are 25mm apart.



2. Press Integral into the Surface Kit. The snap locks will click into place (fig 5).

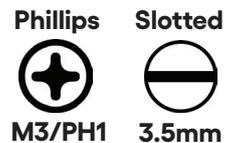


3. Install wiring as per wiring schematic (fig 1).



4. Press the strain relief down until it firmly locks against the cable (fig 7).
5. Install complete.

### Driver Requirements



## Profiles

| Model                    | Description  |
|--------------------------|--|
| Integral T1 DIM/PB 3ch   | Trailing Edge Dimmer with 3 push button inputs (default) |
| Integral T1 RELAY/PB 3ch | On/Off Control with 3 push button inputs                 |