

# Integral T1

The Integral T1 is a high-performance Casambi wireless phase dimmer designed for seamless integration into lighting systems. Capable of handling up to 300W of dimmable load at 90A inrush current providing compatibility with many types of phase dimming devices. Equipped with three push-button inputs, it offers flexible manual control alongside advanced automated wireless functionality through Casambi. The T1 is part of the Integral range of controllers offering miniaturised design and expansive control of DALI, Phase-dim, Relay and PWM luminaires.



## Features

### Control

With a wide 100-277VAC power input, the Integral T1 provides 300 W of output with high 90A inrush current resilience. Three push button inputs allow control of scenes, groups, dimming and on/off programming through Casambi. The T1 supports a wide flicker free wattage range from 2-300W (driver compatibility dependant).



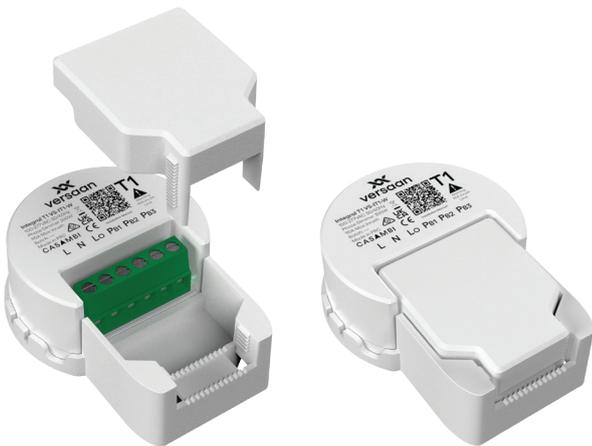
### Protection

Designed to perform under demanding environments the Integral T1 offers holistic circuit protection including Overvoltage, Overcurrent, Overheat, Soft Start, Zero Crossing, Short Circuit and Surge upto 2kV. Boasting a small form factor, the T1 fits into switch boxes allowing easy connection to traditional push button switches.



### Versatile

The Integral Surface Kit allows any Integral product to be surface mounted while also providing strain relief with the built-in snap cable clamp. Two M3 screws are secured below the Integral during installation providing a streamlined aesthetic.



### Identify

The built-in LED indicator makes identifying the T1 effortless. Useful when pre-commissioning Casambi networks before product is sent to site or when more than one Integral product is installed in the same switchbox.



### Explore

Explore the Integral range, a comprehensive control solution featuring DALI, Phase-dim, Relay, PWM, and Push Button control all seamlessly integrated into a single enclosure architecture. Designed to provide complete control of luminaires with support for multiple dimming and control types in residential and commercial projects.





# Integral T1

## Specifications

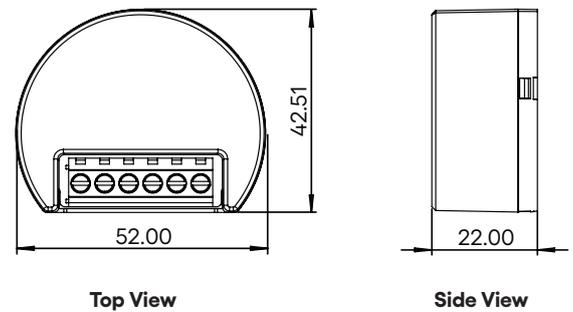
### Order Codes

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

### Technical Specification

<b>Dimensions (VS-IT1-W)</b>	52x42.51x22mm
<b>Dimensions (VS-I-SMW)</b>	74.75x55.10x24.69mm
<b>Control</b>	Casambi (inc Long Range)
<b>Wireless Range</b>	98m/LR 180m (OA LOS)
<b>Supply</b>	100-277VAC 50/60Hz
<b>Output</b>	1.36A Phase Dim
<b>Type</b>	Trailing Edge
<b>Max Inrush Current</b>	90A @ 1ms
<b>Protection</b>	Overvoltage, Overcurrent, Overheat, Short Circuit, Soft Start, Zero Crossing, Surge 2kV
<b>Input</b>	3x Push Buttons
<b>Operating Temperature</b>	0 to 55C
<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 - VS-IT1-W (mm)



### Dimensions - VS-I-SMW (with T1 Installed)

