TEDSON DATASHEET | ENGLISH

Integral P1 - Casambi PWM dimmer, 4 channels

Control single-colour, Tunable White, RGB or RGBW LED strips through Casambi. Four PWM outputs with a separate 12-48 V constant-voltage supply.

Technical specifications

Supply	12-48 V DC, constant voltage
Output	4-channel PWM, common positive
Load at 12 V	15 A/channel, maximum 16 A total
Load at 24 V	12.5 A/channel, maximum 16 A total
Load at 48 V	8.2 A/channel and total
PWM frequency	18 kHz
LED types	Single colour, TW, RGB, RGBW
Operating temperature	0 to +50 °C
Maximum case temperature (tc)	+60 °C
Terminal capacity	1.5 mm^2
Dimensions (L × W × H)	52 × 42.51 × 22 mm
IP rating	IP20
Control	Casambi, Long Range supported

Function, article numbers and instructions continue on the next page.

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Article numbers and versions

VS-IP1-W

Application

Control single-colour, Tunable White, RGB or RGBW LED strips through Casambi. Four PWM outputs with a separate 12-48 V constant-voltage supply.

Installation and configuration

• Select the Casambi fixture profile for the LED type and required channels.

• Check each channel and the aggregate current. Power depends on supply voltage; 380 W is not a universal rating at every voltage. Power supply not included.

Get started with Casambi

Use the Tedson illustrated guides to create a network, select the correct fixture profile and test the functions in the installation.

Tedson Casambi guides

Sources and further reading

Model documentation

Product information

This Tedson summary does not replace the full manufacturer installation instructions. Information applies to the listed models. Check the supplied version, selected profile and actual operation before handover.