



Product range

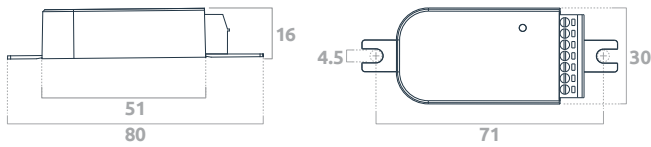
Order code	Description
zc-pwm-iot-4ch-6a	LED pwm controller

Features

- Supports IEC 62386-104 over Thread®
- Compliant to IEC 62386-208 and IEC 62386-209 (TC, RGBW)
- Can be configured as 4 channel LED, 2x tuneable white or RGBW controller
- PWM switching frequency can be set to 400Hz, 1200Hz, 3600Hz

Dimensions

Dimensions	W80 / H16 / D30 mm
Mounting options	Inbuilt



System overview: modes

1 **104 mode** is enabled after the device has been added to a 104 application controller such as zc-iot-fc.

zc-pwm-iot-4ch-6a
IEC 62386-207



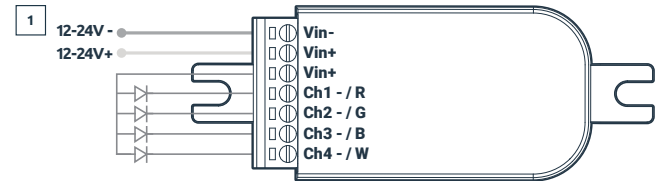
zc-iot-fc
IEC 62386-103



Specifications

Supply voltage	12 - 24 Vdc
Control system	Wireless IEC62386-104 over Thread
Radio support	IEEE 802.15.4
Frequency band	2.4 GHz
Max radio tx power	+8 dBm
Output load	6A total (0-6A per channel)
Output load type	LED only
Independent channels	4
Bus unit configurations	4 x DT6, 2 x DT8-TC, DT8-RGBW (see bus unit configuration table)
Wiring	0.2 - 1.5 mm ² Strip 6 - 7 mm
Operating temperature	0 to 55°C
Material	PC
Ingress protection	IP20
Classification	III

Wiring diagram



Wire preparation
0.2 - 1.5 mm²



Bus unit configurations

Bus unit config.	No. of ECG	Channel 1	Channel 2	Channel 3	Channel 4
192 (default)	4	ECG index 0 DT6 (LED)	ECG index 1 DT6 (LED)	ECG index 2 DT6 (LED)	ECG index 3 DT6 (LED)
193	2	ECG index 0 DT8-TC (cool)	ECG index 0 DT8-TC (warm)	ECG index 1 DT8-TC (cool)	ECG index 1 DT8-TC (warm)
194	1	ECG index 0 DT8-RGBW (red)	ECG index 0 DT8-RGBW (green)	ECG index 0 DT8-RGBW (blue)	ECG index 0 DT8-RGBW (white)

Note: Bus unit configuration RGBW can be set using the zencontrol commissioning application. See support.zencontrol.com for more information.