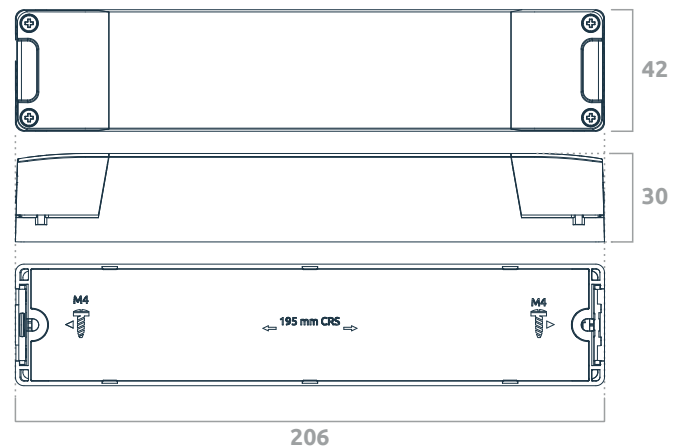


## Dimensions

<b>Mounting options</b>	Field mount
<b>Fixing centres</b>	195 mm
<b>Dimensions</b>	206 / 42 / 30 mm



## Product range

Order code	Description
<b>zc-iot-fc</b>	Wireless field mounted application controller

## Specifications

<b>Supply voltage</b>	220 - 240 V ~ 50 Hz
<b>Control system</b>	IEC62386-104 over Thread
<b>Radio support</b>	IEEE 802.15.4
<b>Frequency band</b>	2.4 GHz
<b>Max radio tx power</b>	+8 dBm
<b>Ethernet</b>	10/100 TCP/IP Ethernet
<b>Wiring</b>	1 - 4 mm <sup>2</sup> Strip 6 - 7 mm
<b>Operating temperature</b>	0 to 55°C
<b>Material</b>	PC
<b>Classification</b>	Class II
<b>Ingress protection</b>	IP20

## Safety information

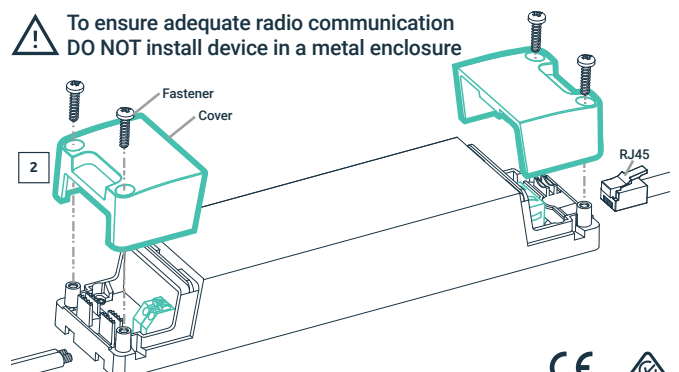
- This product must only be installed by a licensed electrician.
- Before commencing installation turn off and isolate the electrical supply.
- There are no user serviceable parts, attempting to service any part of the product will void the warranty
- DALI is not SELV and as such should be treated as LV.
- As the installer, it is your responsibility to ensure you comply to all relevant building and safety codes. Refer to application standards for the relevant rules.
- When the installation is complete, leave this manual with the building's owner for future reference.

## Installation

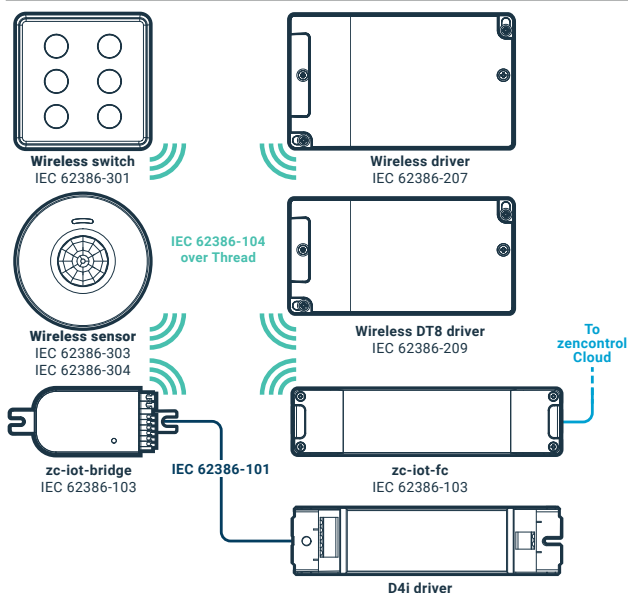
Remove the product from the box and inspect it for any damage. If you believe the product to be damaged or otherwise unsound, **do not** install the product. Please pack it back into its box and return it to the place of purchase for replacement.

If the product is satisfactory, proceed with the installation:

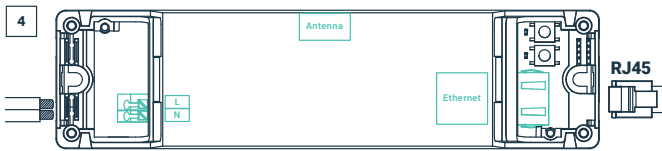
- 1 Ensure safety warnings are adhered to.
- 2 Remove the end-covers by unscrewing the four fasteners to access the mounting centres and terminals per **fig 2**.
- 3 Mount the application controller using the allocated mounting centres, as per the above dimensions. Avoid mounting on metal surfaces, as this will prevent the radio communication.
- 4 Wire as per **fig 4** overleaf.
- 5 Reattach end-covers, ensuring adequate strain relief



## Wireless system overview



## Wiring diagram



Wire preparation



## Notice



For more information on compliant software see our website [zencontrol.com](https://zencontrol.com)

## Status LEDs

LED	State	Meaning
On / off & reset	Alternating flash	Bootload in process
On / off & reset	Synchronised flash	Start up in process
On / off	Green - Flash / flicker	Wireless activity
Reset	Red - Flash	Wireless failure

## Button actions

Button	Action	Function
On / off	Short press	Toggles lights (max / off)
On / off	5 second press	Toggles identify function
Reset	1 - 2 seconds press	Force Cloud reconnect
Reset	3 - 10 second press	Reboot
Reset	11 - 15 second press	Factory reset

## Indicators

