



Pre

Features

- Wireless bridge
- Powered from DALI line
- Smart sensor and switch attachments
- Compact form factor for easy integration
- Wireless support for IEC62386-104 over Thread®
- Works with DALI-2 devices and gear



Converts luminaires

Converts DALI luminaires to wireless smart luminaires



IEC62386-104 over Thread®

Works with products supporting IEC 62386-104 over Thread®



Converts inputs

Converts DALI-2 input devices into a wireless input devices



Compatible

Wireless control system solution for D4i drivers



Product range

Order code	Description
zc-iot-bridge	Wireless bridge
zc-iot-bridge-oem	Wireless bridge for OEM*
zc-iot-bridge-oem-s	Wireless bridge for OEM with nano+ sensor*

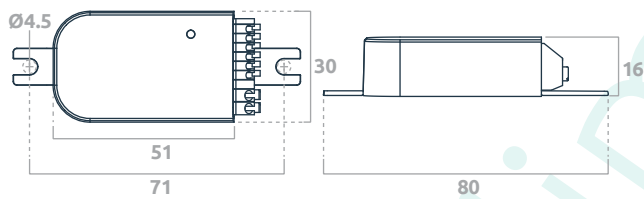
Features

- Powered from DALI line
- Protected against DALI over-voltage
- Supports IEC 62386-104 over Thread®
- Smart sensor and switch attachments
- Compact form factor for easy integration
- Compatible with DALI and DALI-2 devices
- A wireless control system solution for D4i
- Converts DALI ECGs and ECDs to a wireless system

*OEM models support zc-pir-nano+ sensor only, this incl. PIR/lux/IR/ and wireless connectivity.

Dimensions

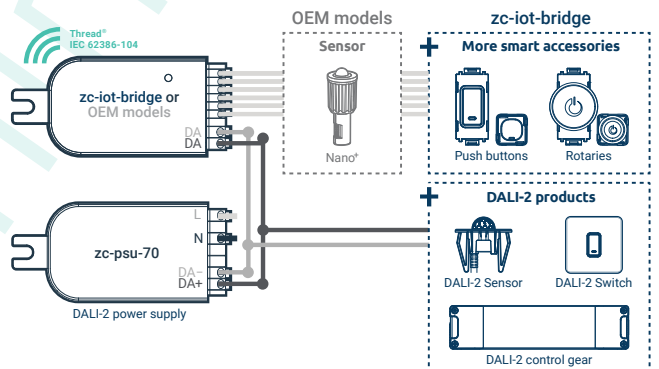
Dimensions W80 / H30 / D16 mm



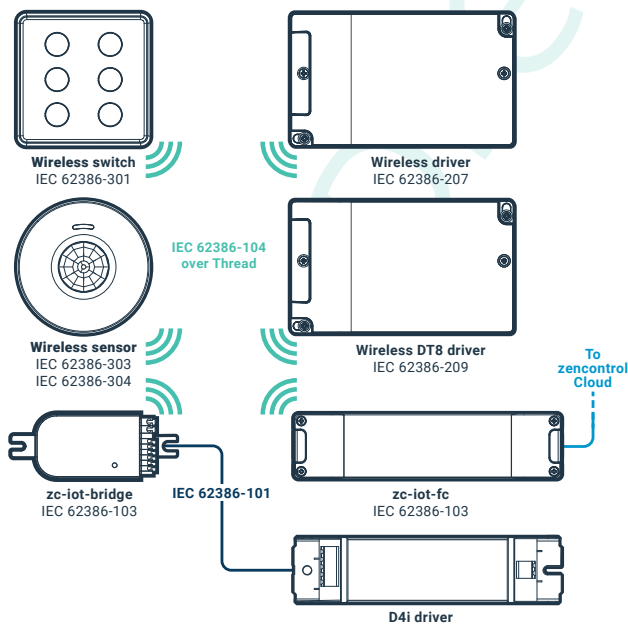
Specifications

Supply voltage	9.5 - 22.5 V (DALI line)	
Control system	IEC62386-104 over Thread®	
DALI line current	40 mA	
Wiring	0.2 - 1.5 mm ² (DALI) 0.2 - 0.5 mm ² (accessories) Strip 8 - 9 mm	
Operating temperature	0 to 60°C	
Material	PC	
Classification	Class II	
Mounting	Inbuilt	
Ingress protection	IP20	
Compliance standards	IEC 61347-2-11 IEC 60950-1 EN 55015 EN 55022	IEC 62386-104 IEC 62386-103 EMC-2004/108/EC LVD-2006/95/EC

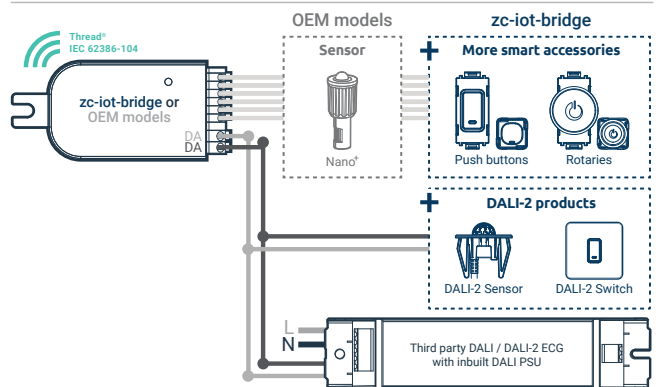
Wiring: Wireless sensor / switch / smart accessory



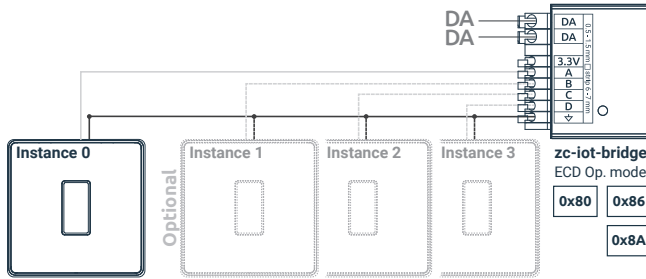
Wireless system overview



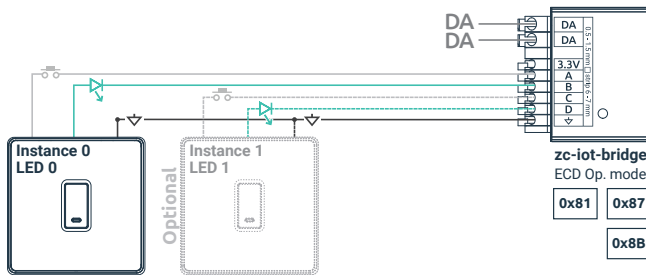
Wiring: Wireless smart luminaire



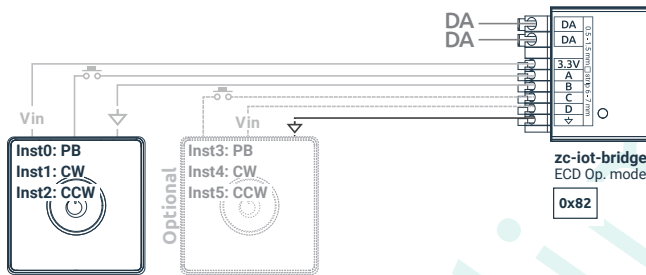
Wiring diagrams



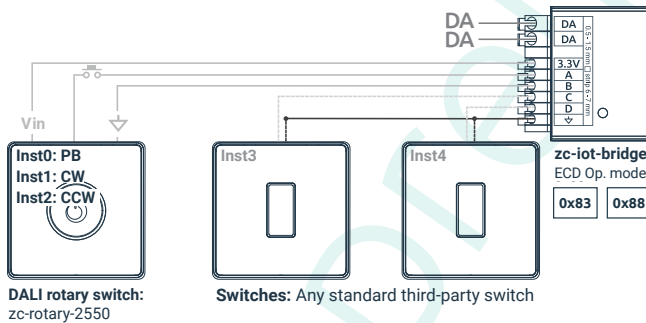
Switches: Any standard third-party switch



Illuminated pushbutton switches: zc-pbs-2550

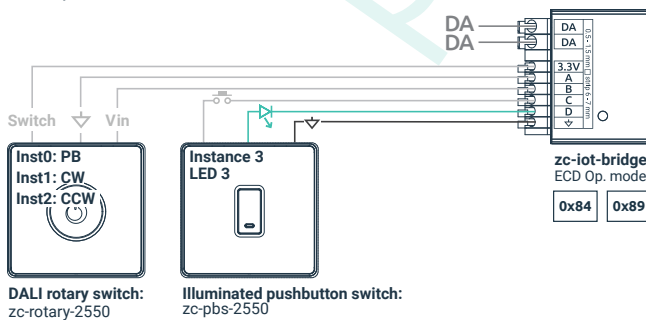


DALI rotary switch: zc-rotary-2550



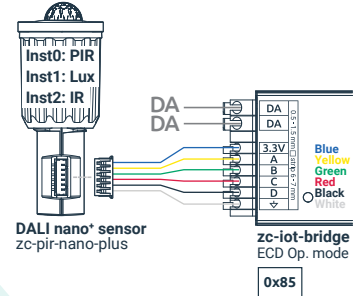
DALI rotary switch: zc-rotary-2550

Switches: Any standard third-party switch

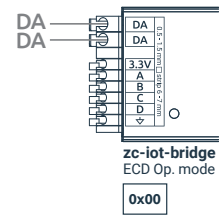


DALI rotary switch: zc-rotary-2550

Illuminated pushbutton switch: zc-pbs-2550



DALI nano sensor
zc-pir-nano-plus



Accessories range

Order code	Description
zc-fm-kit	Field mount kit
zc-pir-nano+	PIR Nano+ sensor, accessory kit
zc-rotary-kit	Rotary 20 x 20 mm, accessory kit
zc-rotary-2550-kit	Rotary 25 x 50 mm, accessory kit
zc-rotary-2550-b-kit	Black rotary 25 x 50 mm, accessory kit
zc-pbs-2020-kit	Illuminated pushbutton switch 20 x 20 mm, accessory kit
zc-pbs-2550-wh-kit	Illuminated pushbutton switch 25 x 50 mm, white, accessory kit
zc-pbs-2550-st-kit	Illuminated pushbutton switch 25 x 50 mm, stainless brushed, accessory kit