

zencontrol
zc-ss-6sw Smart
Switch With 6
Buttons



zencontrol zc-ss-6sw Smart Switch With 6 Buttons Owner's Manual

[Home](#) » [zencontrol](#) » zencontrol zc-ss-6sw Smart Switch With 6 Buttons Owner's Manual 

Contents

- 1 Zencontrol ZC-SS-6SW Smart Switch with 6 Buttons
- 2 Product range
- 3 Specifications
- 4 Safety information
- 5 Dimensions
- 6 System overview
- 7 Installation
- 8 Wiring diagram
- 9 MORE INFORMATION
- 10 FAQs
- 11 Documents / Resources
 - 11.1 References

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Zencontrol ZC-SS-6SW Smart Switch with 6 Buttons



Product range

- **Order code** Description
- **zc-ss-6sw-blk** Smart switch with 6 buttons to suit 84 mm wall mount, black
- **zc-ss-6sw-wht** Smart switch with 6 buttons to suit 84 mm wall mount, white
- **zc-ss-6sw-eu-blk** Smart switch with 6 buttons to suit 84 mm wall mount, black
- **zc-ss-6sw-eu-wht** Smart switch with 6 buttons to suit 84 mm wall mount, white

Specifications

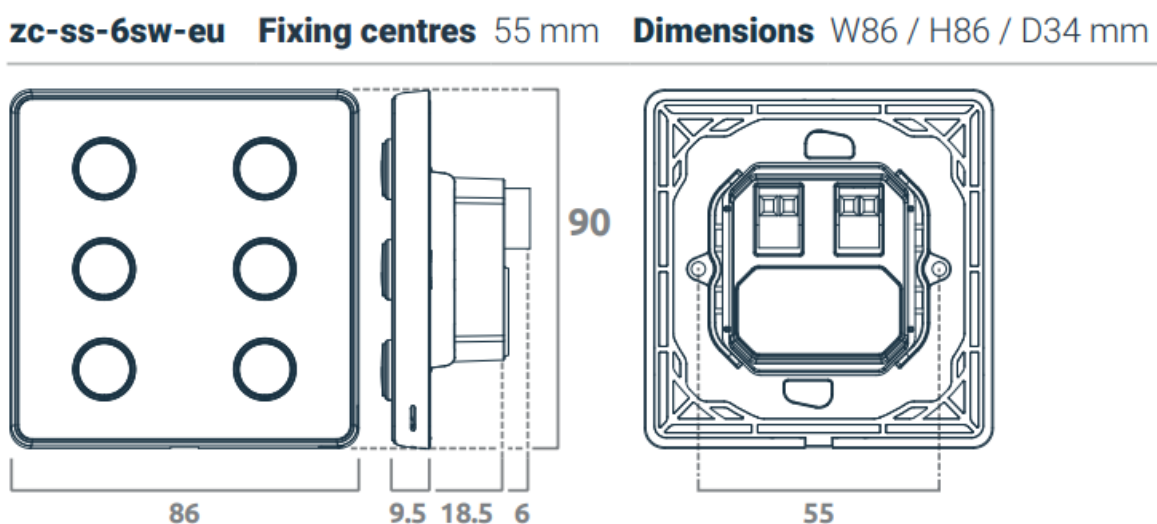
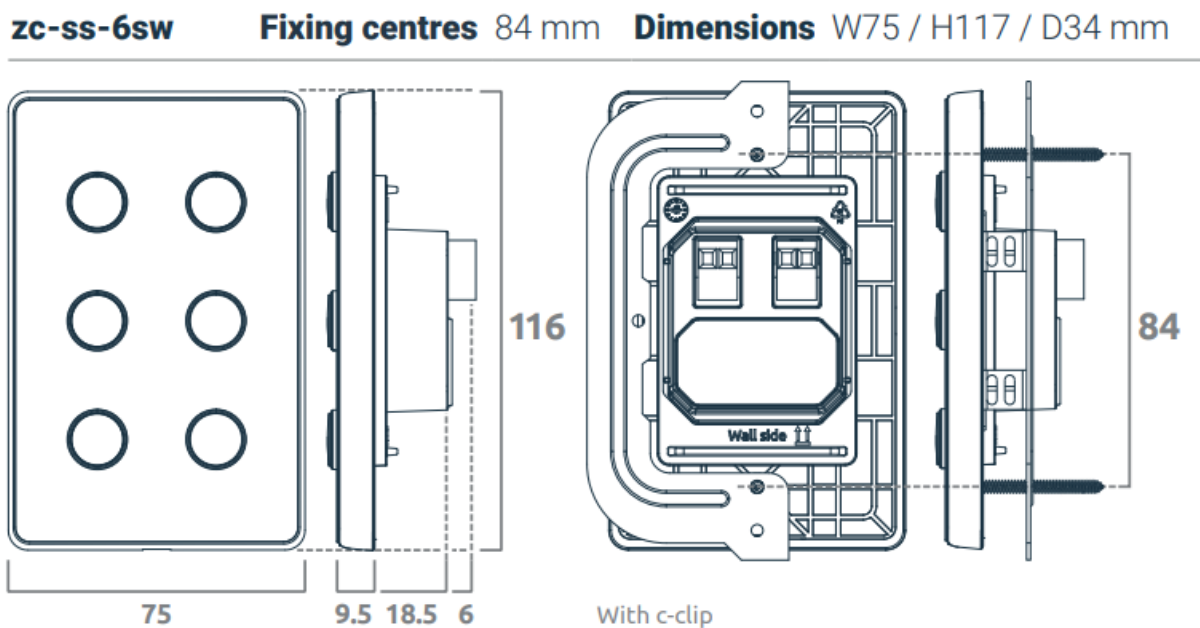
- **Supply** 220 – 240 V
- **Supply current** 4 mA
- **Control system** IEC62386-104 over Thread® / DALI-2
- **Radio support** IEEE 802.15.4
- **Frequency band** 2.4 GHz
- **Max radio tx power** +8 dBm
- **DALI line current** 2 mA
- **Wiring** 1 – 4 mm²
- **Strip** 8 – 10 mm
- **Operating temperature** 0 to 55°C
- **Material** PC, UV stabilised, toughened glass, aluminium
- **Ingress protection** 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 with all relevant building and safety codes. Refer to application standards for the relevant rules.
- Isolate the electrical supply before removing the faceplate. The circuit board is NOT isolated.

Dimensions

Dimensions (mm)



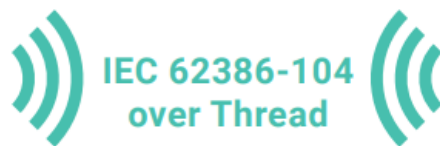
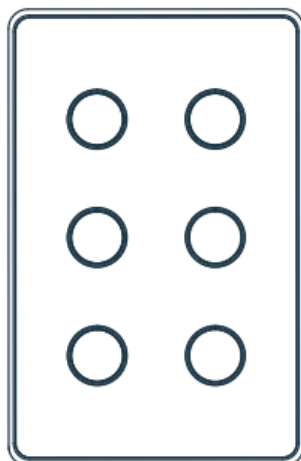
System overview

System overview: modes

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

Wireless switch

IEC 62386-301

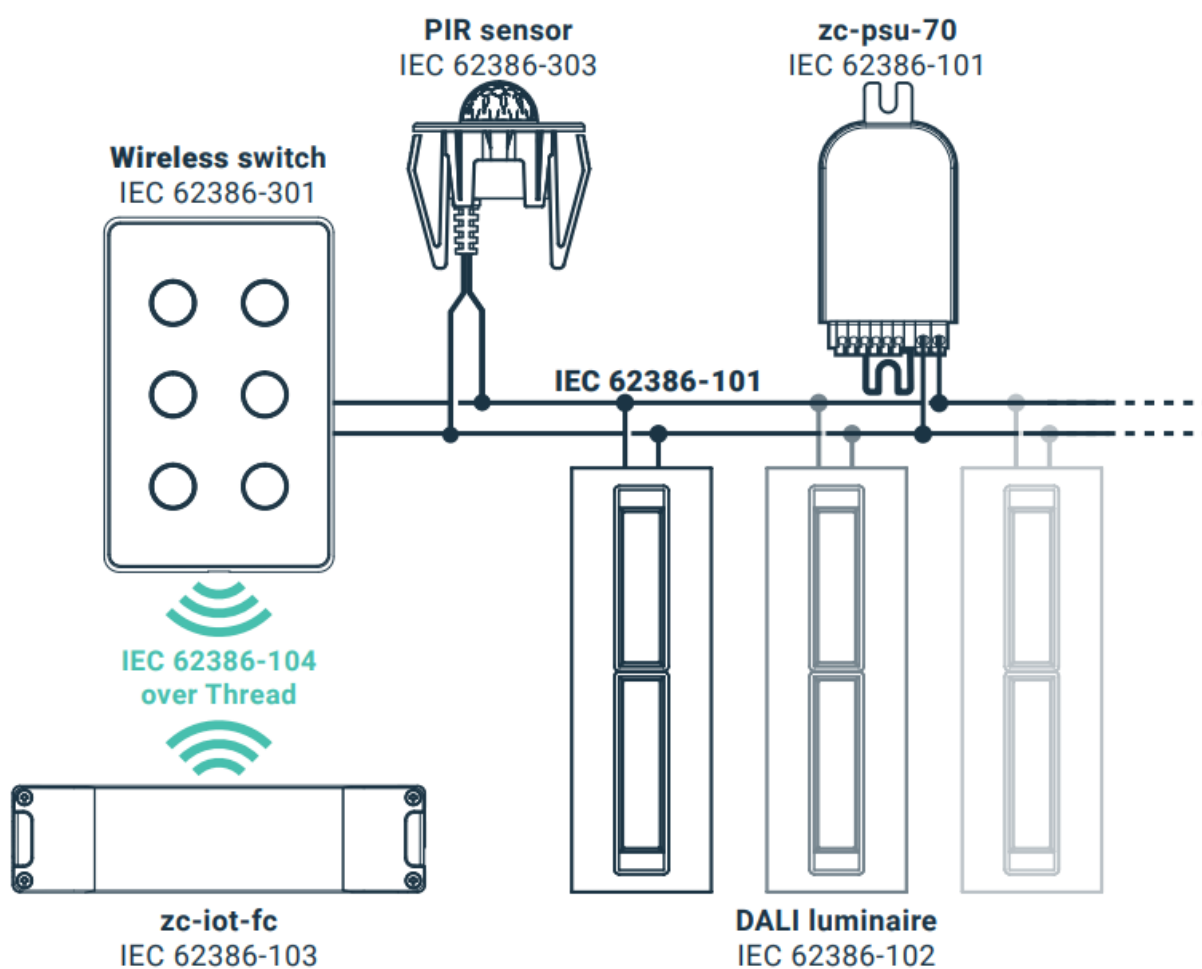


IEC 62386-104
over Thread

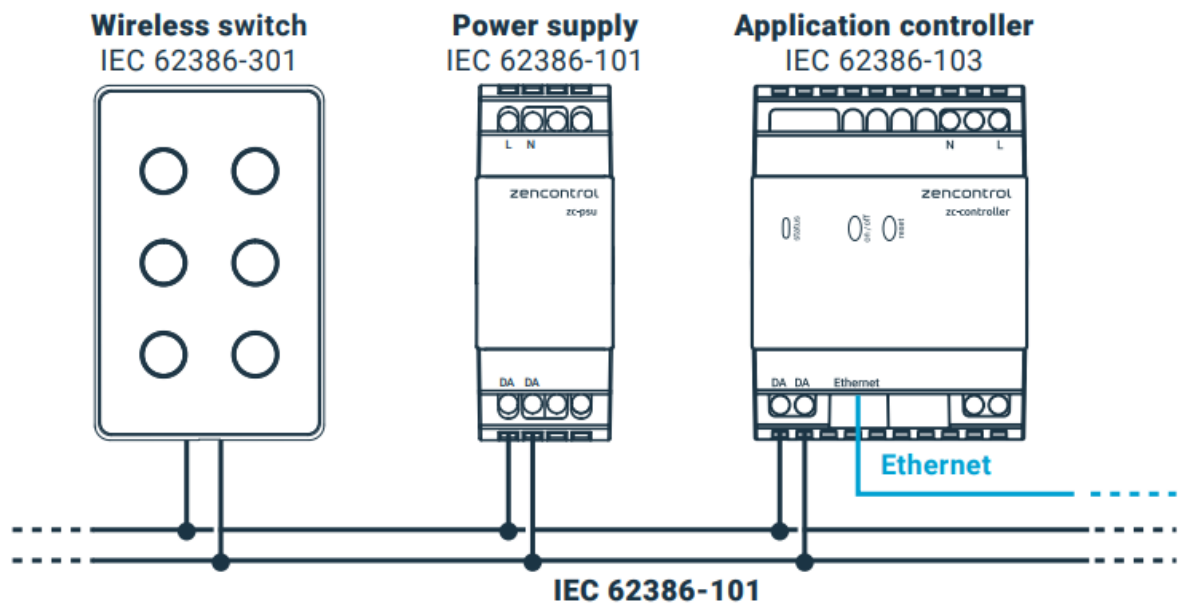
zc-iot-fc
IEC 62386-103



2. 104 + 101 Bridge mode is enabled after the device has been added to a 104 controller and a 101 power supply has been connected to the DALI terminals.



3. 101 mode is enabled after a 101 power supply has been connected to the DALI terminal and the device has not been added to a 104 application controller.



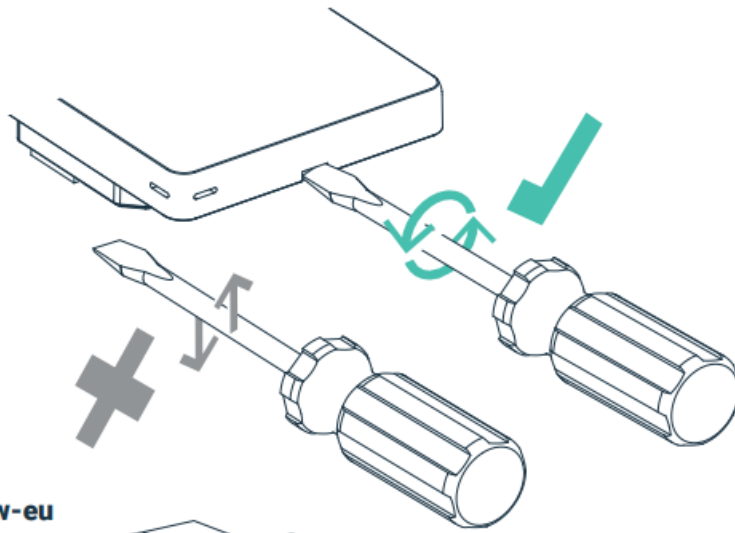
Installation

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.

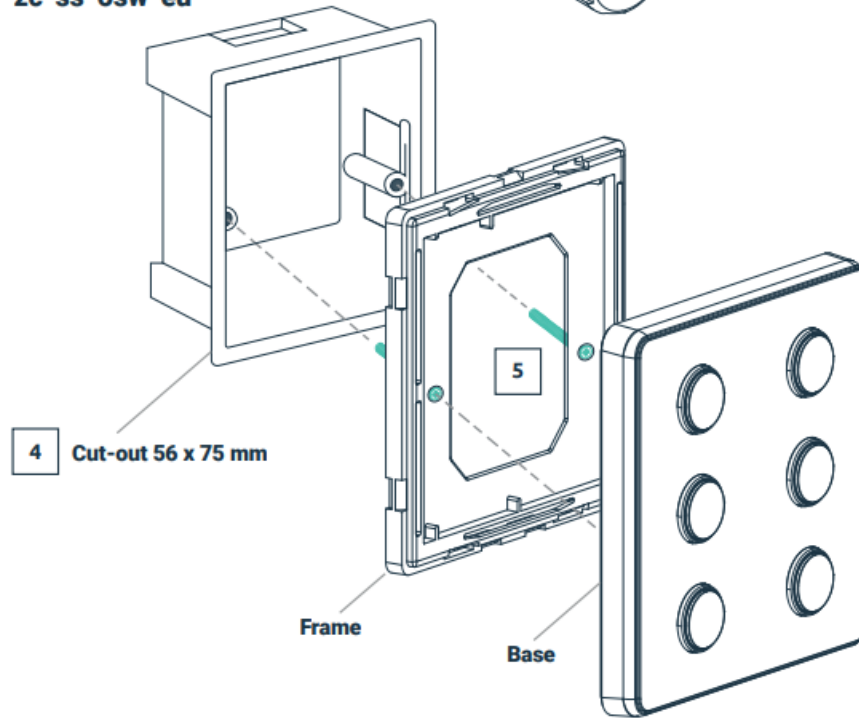
If the product is satisfactory, proceed with the installation:

1. Ensure safety warnings are adhered to.
2. Optional: Connect the two DALI terminals to the DALI line ensuring wiring regulations are followed. DALI is not polarised. DALI is not SELV and as such must be treated as LV. Do not connect DALI to any mains voltages.
3. Remove the front plate by inserting a screwdriver (min. 5.5pt) into receptacle at the bottom of the frame. Twist left, twist right, to release cover, do not lever.
4. Cut out the hole, insert wallbox if applicable.
5. Insert provided screws into frame and attach to pre-mounted wallbox/c-clip.
6. Not applicable to eu versions. Latch cover on top of frame to clip base back into frame, attached on the wall.

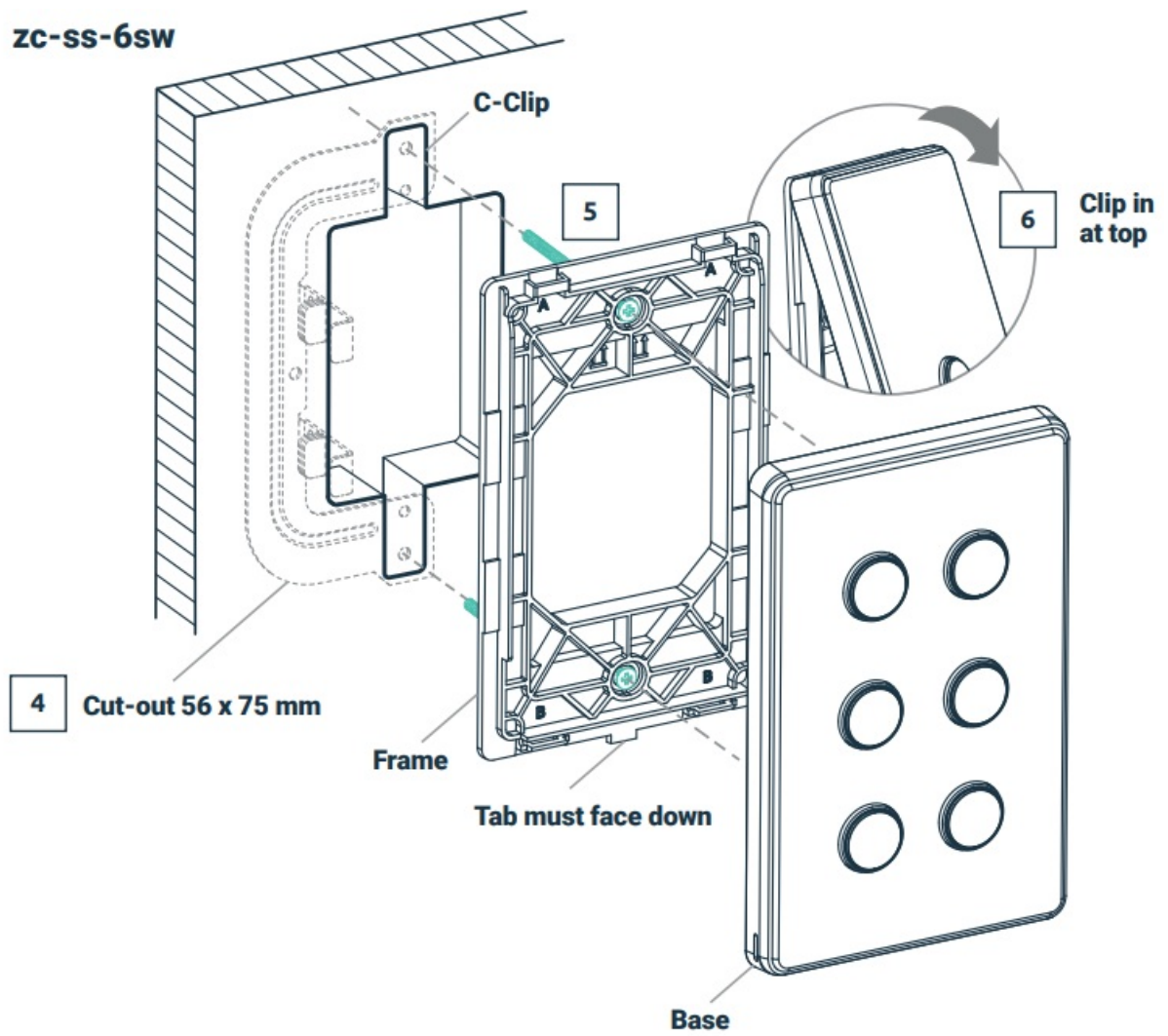
3



zc-ss-6sw-eu

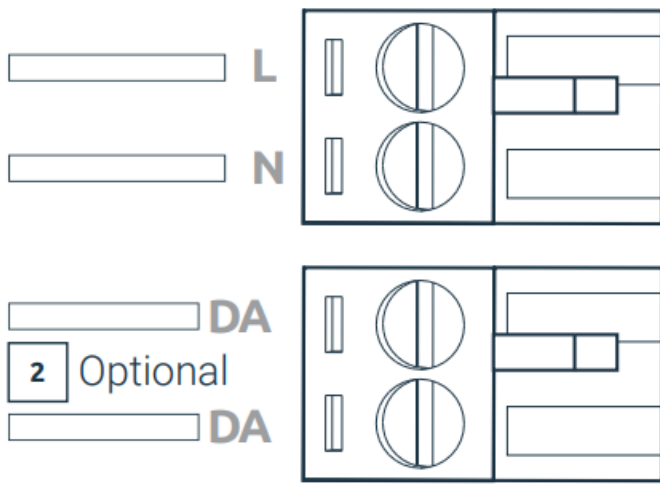


zc-ss-6sw

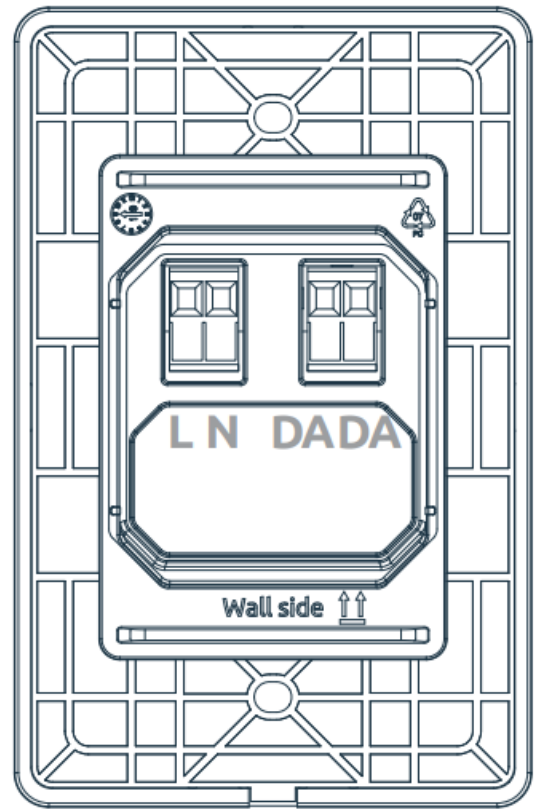


Wiring diagram

Input configuration



Wire preparation



Ensure each terminal is lined up with the correct marking on the product label

Configuration

- By default, the device is configured with six control device instances with LED indicators. Actual function is dependant on the configuration of DALI-2 application controllers connected to the DALI line, or the Wireless application controller.
- By default, the device will configure its mode of operation depending on what has been commissioned.

ECD operating mode

- 128 (0x80) Bridge mode (default): The Device acts as a bridge between the Thread 104 interface and DALI devices connected via the 101 interface
- 129 (0x81) Beacon mode: The Device broadcasts Bluetooth beacons and communicates via the 104 interface if the Thread network is commissioned; otherwise via the 101 interface. For more information on how to configure Beacons, visit support.zencontrol.com
- 130 (0x82) Bridge disabled: The Device communicates via both 104+101 interface; however, bridge mode is disabled (i.e., Devices connected on the 101 interface will not be available on the Thread 104 system)

MORE INFORMATION

Notice

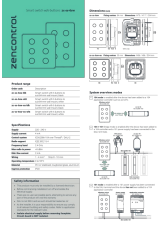
For more information on compliant software, see our website, zencontrol.com



FAQs

- **Q: Can I service any part of the product myself?**
 - A: No, there are no user-serviceable parts. Attempting to service any part will void the warranty.
- **Q: What is the recommended installation procedure?**
 - A: The product should only be installed by a licensed electrician after turning off and isolating the electrical supply.
- **Q: How do I enable different modes on the system?**
 - A: Different modes are enabled based on the connections to a DALI terminal and specific application controllers as outlined in the manual.

Documents / Resources

	zencontrol zc-ss-6sw Smart Switch With 6 Buttons [pdf] Owner's Manual zc-ss-6sw-blk, zc-ss-6sw-wht, zc-ss-6sw-eu-blk, zc-ss-6sw-eu-wht, zc-ss-6sw Smart Switch With 6 Buttons, zc-ss-6sw, Smart Switch With 6 Buttons, With 6 Buttons, Buttons
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References

- [User Manual](#)

Manuals, Privacy Policy

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