zencontrol

Smart touch switch **datasheet**

living

kitchen

garage

bedroom

Customisable
Customisable
RGBW LEDs to
suit different
applications

Features

- 2 mA DALI line current
- Up to 5 units per DALI line
- Simple Cloud commissioning
- Black and white finishes available
- Multiple scenes and set-ups available
- Anodised aluminium and seamless glass for easy clean
- Inbuilt wireless bridge for control of downstream DALI devices

Touch feedback
Soft on-touch audio for user
friendly haptic feedback

Inbuilt temperature sensor
Wall mount location for
improved temperature accuracy

Wireless interface
Mesh models do not require
a local control interface

Selectable actions
Selectable button actions on
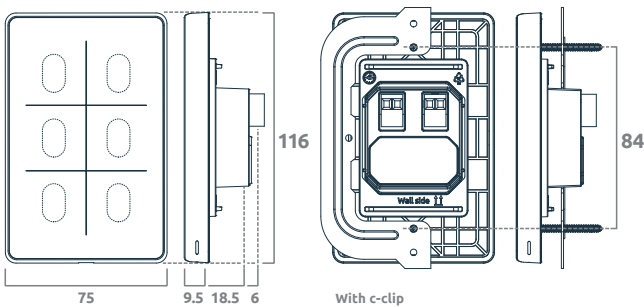DALI application controller

Product range

Order code	Description
zc-sst-6sw-blk	Smart switch with 6 capacitive touch buttons, to suit 84 mm wall mount, black
zc-sst-6sw-wht	Smart switch with 6 capacitive touch buttons, to suit 84 mm wall mount, white

Features

- 2 mA DALI line current
- Up to 12 units per DALI line
- Inbuilt temperature sensor
- Black and white finishes available
- Inbuilt configurable RGBW LEDs
- Touch buttons for user accessibility
- Customiseable button prints to suit different applications
- Selectable button actions on DALI application controller
- Wireless mesh models do not require a local control interface
- Used on wired and wireless DALI networks

Dimensions (mm)

Fixing centres	84 mm	Dimensions	W75 / H117 / D34 mm

116   84

75   9.5 18.5 6   With c-clip

Wall side

○ Dotted line indicates touch-sensitive area, custom print designs should ideally be located within this area.
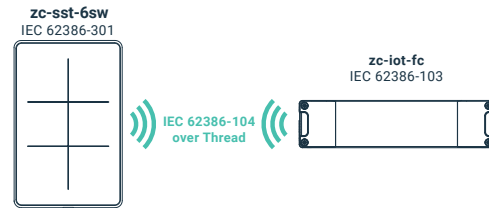
Notice

- The DALI line is not SELV. It must be treated like LV mains and treated with the same precautions and wiring regulations.
- This product is not bus powered and requires the 240V supply to be connected
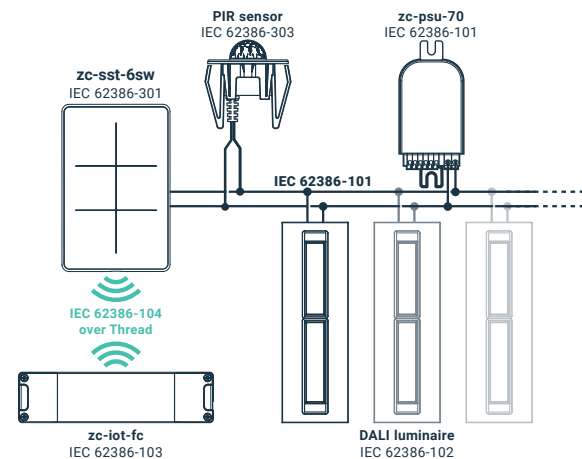
Specifications

Supply	220 - 240 V		
Control system	**Wired** DALI-2	**Wireless** IEC62386-104 over Thread	
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		
Compliance standards	IEC 61347-2-11 CISPR 15 IEC 62386-301	EMC-2004/108/EC LVD-2006/95/EC	

System overview: modes

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

zc-sst-6sw
IEC 62386-301

IEC 62386-104 over Thread

zc-iot-fc
IEC 62386-103

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.

PIR sensor
IEC 62386-303

zc-psu-70
IEC 62386-101

zc-sst-6sw
IEC 62386-301

IEC 62386-101

IEC 62386-104 over Thread

zc-iot-fc
IEC 62386-103

DALI luminaire
IEC 62386-102

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.

zc-sst-6sw
IEC 62386-301

Power supply
IEC 62386-101

Application controller
IEC 62386-103

Ethernet