# zencontrol

## One-button smart switch datasheet



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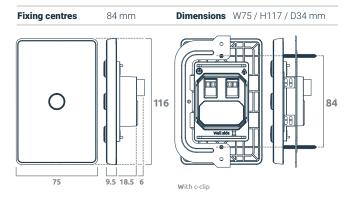
#### **Product range**

Order code	Description		
zc-ss-1sw-blk	Smart switch with 1 button to suit 84 mm wall mount, black		
zc-ss-1sw-wht	Smart switch with 1 button to suit 84 mm wall mount, white		

#### Features

- 2 mA DALI line current
- Up to 63 units per DALI line
- Black and white finishes available
- Tactile buttons for user accessibility
- Replaceable buttons with customisable printing
- Used on wired and wireless DALI networks
- Selectable button actions on DALI-2 application controller

#### Dimensions (mm)



#### 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**

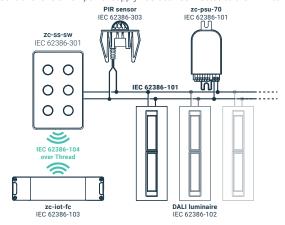
Supply         220 - 240 V~ 50Hz           Class         II           Control system         Wired DALI-2         Wireless IEC62386-104 over Thread           Radio support         IEEE 802.15.4         Frequency band         2.4 GHz           Max radio tx power         +8 dBm         BMA           DALI line current         2 mA         Strip 7 mm           Operating temperature         0 to 55°C         Material         PC UV stabilised, toughened glass, aluminium           Ingress protection         IP20         EMC-2004/108/EC LVD-2006/95/EC IEC 62386-301         EMC-2004/108/EC LVD-2006/95/EC IEC 62386-104				
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 0.5 - 2.5 mm² Strip 7 mm  Operating temperature 0 to 55°C  Material PC UV stabilised, toughened glass, aluminium  Ingress protection IP20  Compliance standards IEC 60669-2-1 CISPR 15 EMC-2004/108/EC LVD-2006/95/EC	Supply	220 - 240 V~ 50Hz		
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Material PC UV stabilised, toughened glass, aluminium  Ingress protection IP20  Compliance standards IEC 60669-2-1 EMC-2004/108/EC CISPR 15 LVD-2006/95/EC	Wiring	0.5 - 2.5 mm <sup>2</sup>	Strip 7 mm	
Ingress protection   IP20   EMC-2004/108/EC   CISPR 15   LVD-2006/95/EC   LVD-2006/95/EC   CISPR 15   CISPR	Operating temperature	0 to 55°C		
Compliance standards         IEC 60669-2-1         EMC-2004/108/EC           CISPR 15         LVD-2006/95/EC	Material	PC UV stabilised, toughened glass, aluminium		
CISPR 15 LVD-2006/95/EC	Ingress protection	IP20		
	Compliance standards	CISPR 15	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.



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.



**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.

