

C-Bus® Saturn Zen™ A-Series Wall Switch, 1-4 Button R504xNL-xx Series

Data Sheet



C-Bus®

The C-Bus Saturn Zen wall switches provide a sleek, modern style that matches almost any decor. Pushbuttons sit flush with the decorative front plate adding to the low-profile style of the switch. The C-Bus switch can be programmed with options that allow the LED indicator to meet many personal preferences. Each Saturn Zen switch includes two styles of buttons: flat or curved. During installation, either type can be quickly installed in the front cover.

- The rectangular A-series switch fits standard wall boxes with 84mm mounting centres.
- Sleek, low-profile design suits almost any decor.
- Choice of flat or curved buttons; both are provided with the switch.
- Installing and removing button caps is quick and easy; no tools needed.
- The front cover clips in place on the switch body.
- Pressing a button provides a positive feel and a slight clicking sound.
- The buttons can be programmed to use short press and long press. The switch can be programmed to ignore first press.
- Buttons can be programmed as on/off toggle, bell switch, dimmer, scene control, as well as schedule and timer control.
- The switch can control switched devices using a bus controller, for example, door latch or irrigation control.
- Two buttons can be grouped to provide up/down control for curtains and blinds, or open/close functions for gates and garage doors.

Programming Features

- The switch is programmed with C-Bus Toolkit software from Schneider Electric. The software can be freely downloaded from the Internet.
- Each pushbutton is programmable and can be assigned to a specific lighting group, or it can be used for special functions such as scene or timer control.
- An LED indicator is located in the centre of each pushbutton. During programming, the LED colour (orange or blue) can be used for specific functions. Alternately, the indicator can be disabled, if desired.
- The switch supports Learn mode that is very helpful during testing and commissioning.
- Dimmer functions can be programmed with variable startup levels and soft-start.
- The switch can be used as a master switch for all/on and all/off control of multiple groups of lights.
- The switch can be programmed to define its status after power recovery to On, Off, or Last State / Level.

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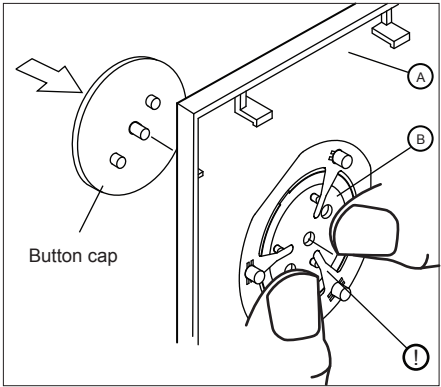
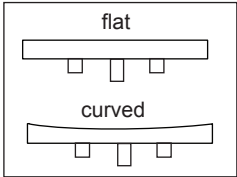
Ordering Information

Product Reference	Description
R5041NL-ZW, R5041NL-ZB	A-Series, 1 Button, -ZW Zen White Front Cover, -ZB Zen Black Front Cover
R5042NL-ZW, R5042NL-ZB	A-Series, 2 Button, -ZW Zen White Front Cover, -ZB Zen Black Front Cover
R5043NL-ZW, R5043NL-ZB	A-Series, 3 Button, -ZW Zen White Front Cover, -ZB Zen Black Front Cover
R5044NL-ZW, R5044NL-ZB	A-Series, 4 Button, -ZW Zen White Front Cover, -ZB Zen Black Front Cover
	All switches are supplied with a set of FLAT and CURVED buttons, two mounting screws, mounting cutout template, instructions and a Megger label.

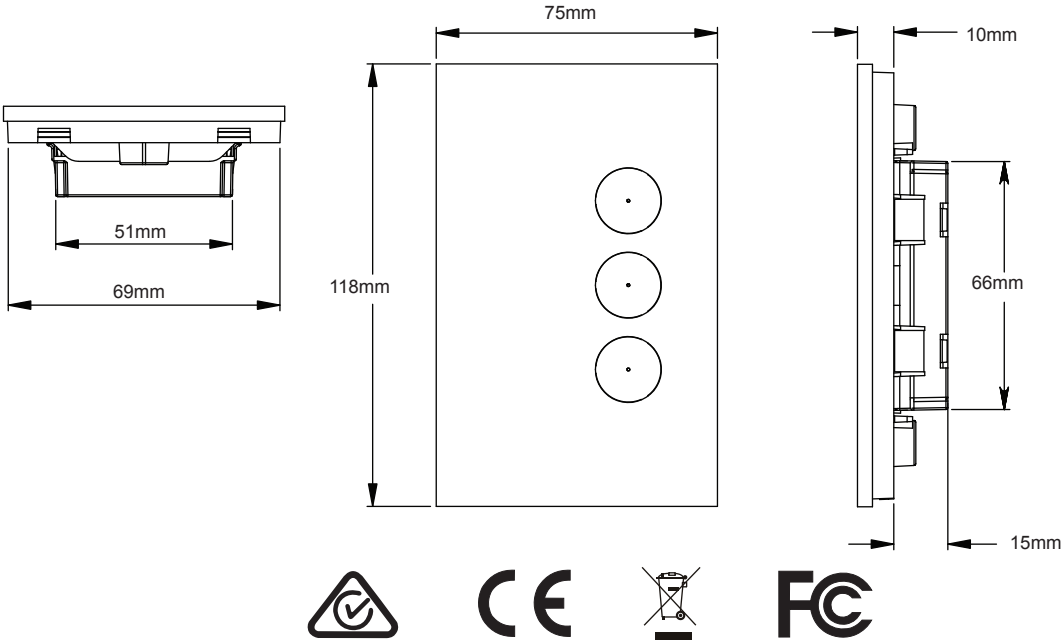


Product Specifications

Parameter	Value
C-Bus power requirement	15-36 Vd.c., 22 mA. The switch does not provide power for the C-Bus network.
AC impedance	50 kΩ at 1 kHz
C-Bus connectivity	Unshielded Twisted Pair, Cat5e, screw terminals, 0.2 mm² to 1.3 mm²
Internal clock	None
Internal burden	None
Programming software	C-Bus Toolkit Software
Applications	Switching, dimming, scene control, timer control, preset, bell press, shutter and corridor linking
Indicators	User configurable, Orange and Blue
Ambient operating temperature	0-45° C
Ambient humidity range	10-90% RH, non-condensing
Outside dimensions (HxWxD)	118 mm x 75 mm x 25 mm
Protrusion from wall	10 mm
Depth of wall cavity	15 mm, allow additional depth for bus cable
Mounting centres	84 mm
Warranty	2 years



Installing the button caps



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