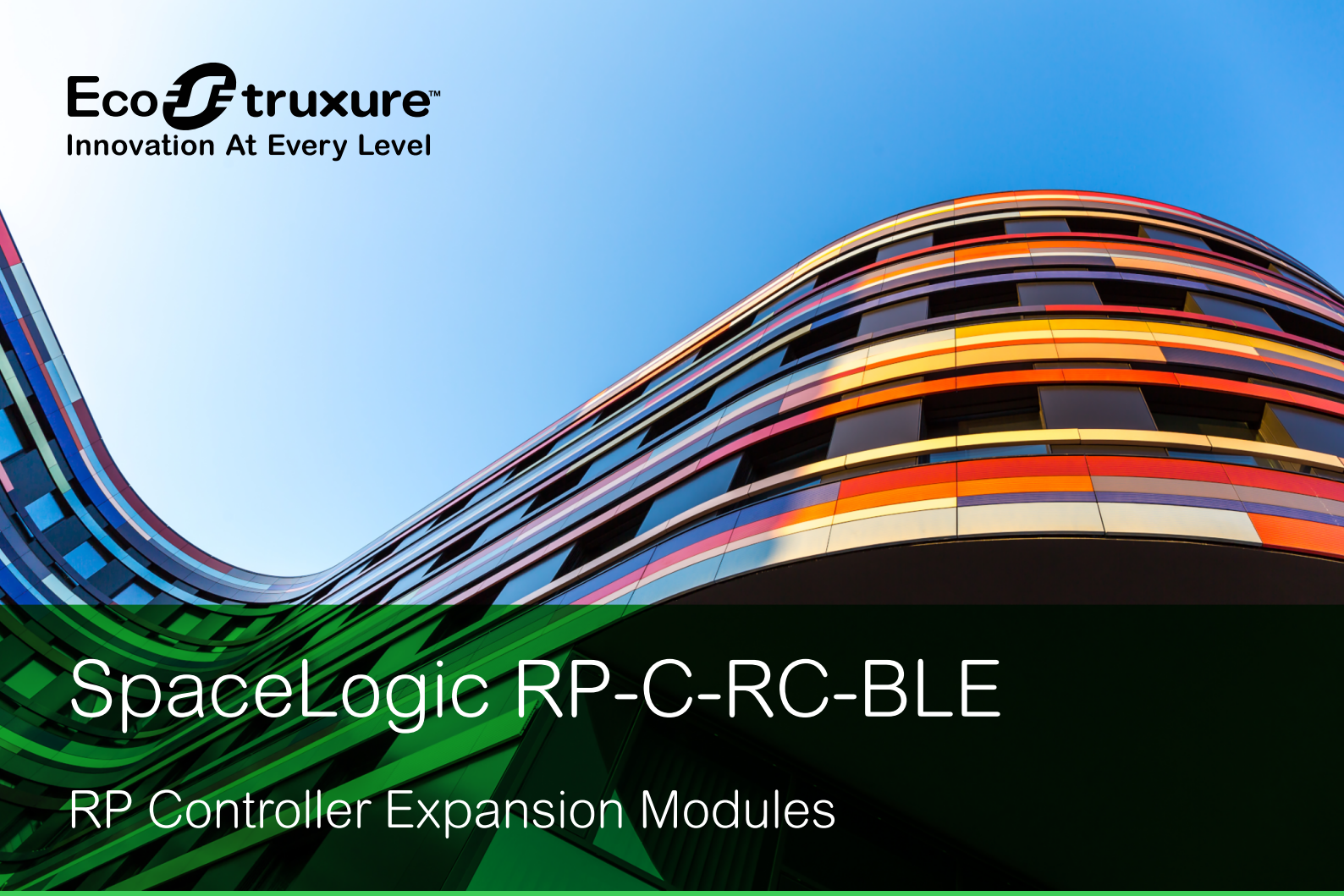
EcoStruxure™
Innovation At Every Level



SpaceLogic RP-C-RC-BLE

RP Controller Expansion Modules

EcoStruxure™ Building

Remote Control

Introduction

SpaceLogic™ RP-C-RC-BLE remote control connects wirelessly to the RP controller expansion sensor module, such as the SpaceLogic RP-C-EXT-MS-BLE Multi-sensor and RP-C-EXT-IS-BLE Insight-Sensor, and enables the occupants of modern office buildings to control the comfort level of their space.

The intuitive and ergonomic user interface provides immediate access to controls for lights, blinds, temperature setpoint, and fan speed. The remote control also allows the user to select from a preconfigured set of scenes, which may include preconfigured groups of lights or blinds.

The remote control base can be easily mounted onto a wall or partition. If required, the remote control can be permanently fixed into the base using screws.

The remote control is easily commissioned by configuring the interface through the EcoStruxure Building Operation software and then associating the device with the sensor module in the room to be controlled.

The remote control communicates with the sensor module using the Bluetooth Low Energy wireless communication protocol and pairs with the sensor module in the room.

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SpaceLogic RP-C-RC-BLE

Features

The remote control has the following features:

- Bluetooth Low Energy wireless communication
- Light control (on/off and dimming)
- Blind control (blind position and slat angle)
- Selection from a preconfigured set of scenes
- Up to 4 groups of lights and 12 groups of blinds are handled separately
- Temperature setpoint and fan speed adjustment
- Over-the-air (OTA) firmware update

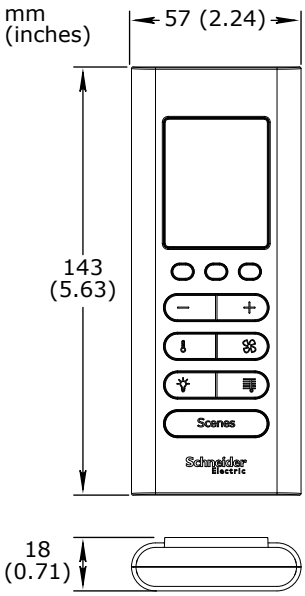
Part Numbers

Product	Part number
RP-C-RC-BLE	SXWRERCBLE10001

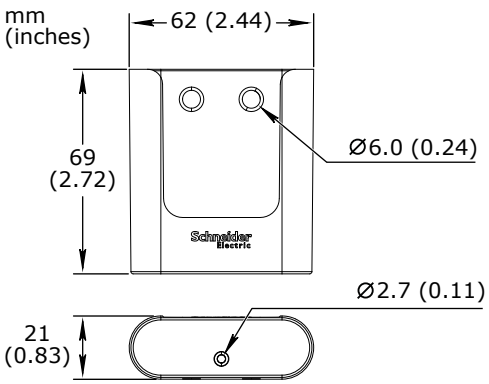
Specifications

SpaceLogic RP-C-RC-BLE	
Electrical	
DC input supply voltage	3.0 VDC
DC input source a) The battery should only be replaced by qualified service personnel. Contact Schneider Electric to replace the battery.	1 pcs of 3.0 V Lithium coin CR2450 battery[a]
Battery operating life a) In an operating environment of 15 to 30 °C (59 to 86 °F) and normal office use.	Minimum 5 years[a]
Environment	
Ambient temperature, operating	0 to 40 °C (32 to 104 °F)
Ambient temperature, storage	0 to 40 °C (32 to 104 °F)
Humidity	20 to 90 % RH non-condensing
Material	
Ingress protection rating	IP 30
Mechanical	
Dimensions, remote control	57 W x 143 H x 18 D mm (2.24 W x 5.63 H x 0.71 D in.)

SpaceLogic RP-C-RC-BLE



Dimensions, base	62 W x 69 H x 21 D mm (2.44 W x 2.72 H x 0.83 D in.)



Weight, including battery	0.105 kg (0.231 lb)
Installation	Partition or bearing wall using the base
Software compatibility	
EcoStruxure Building Operation software	version 3.2 and later
Agency compliances	
EMC	ETSI EN 301 489-1 V2.2.0 (2017-03); ETSI EN 301 489-17 V3.2.0 (2017-03) FCC 47 CFR Part 15 Subparts B and C, Class B ICES-003 (Issue 6), Class B RCM
Emission	BS/EN 55032:2015
Immunity	BS/EN 61000-4-3:2006 + A1:2008 + A2:2010; BS/EN 61000-4-2:2009
Radio	EN 300 328 V2.1.1
SAR	BS/EN 62479:2010 FCC 47 CFR Part 2, 2.1093; KDB 447498 D01 v06 RSS-102 Issue 5 (2015)

SpaceLogic RP-C-RC-BLE

Safety standards	BS/EN 62368-1:2014; BS/EN 50491-3:2009
FCC ID	QOQ13
ISED certification number	IC: 5123A-13
Wireless connectivity	
Bluetooth Low Energy	
Communication protocol	Bluetooth® 5.0 Low Energy compliant
Frequency band	2.4 GHz
Maximum communication distance	Line-of-sight: 50 m (164 ft)
Maximum output power	8 dBm
Antenna	Integrated chip antenna
Over-the-air (OTA) firmware update	Yes
Display	
Display resolution	128 x 96 pixels
Display size	35 W x 43 H mm (1.4 W x 1.7 H in.)
Display type	FSTN monochrome LCD
Keypad	
Keys	3 context-sensitive keys for navigation and selecting options in the different screens 6 keys for controlling lights, blinds, temperature setpoint, and fan speed 1 key for selecting scenes

SpaceLogic RP-C-RC-BLE

Regulatory Notices

Federal Communications Commission
FCC Rules and Regulations CFR 47, Part 15, Class B
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.
Industry Canada
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Regulatory Compliance Mark (RCM) - Australian Communications and Media Authority (ACMA)
This equipment complies with the requirements of the relevant ACMA standards made under the Radiocommunications Act 1992 and the Telecommunications Act 1997. These standards are referenced in notices made under section 182 of the Radiocommunications Act and 407 of the Telecommunications Act.

CE - Compliance to European Union (EU)
2014/53/EU Radio Equipment Directive (RED)
2011/65/EU Restriction of Hazardous Substances (RoHS) Directive
2015/863/EU amending Annex II to Directive 2011/65/EU
This equipment complies with the rules, of the Official Journal of the European Union, for governing the Self Declaration of the CE Marking for the European Union as specified in the above directive(s).

WEEE - Directive of the European Union (EU)
This equipment and its packaging carry the waste of electrical and electronic equipment (WEEE) label, in compliance with European Union (EU) Directive 2012/19/EU, governing the disposal and recycling of electrical and electronic equipment in the European community.

UK Conformity Assessed
S.I. 2017/1206 - Radio Equipment Regulations 2017
S.I. 2012/3032 - Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
S.I. 2013/3113 - Waste Electrical and Electronic Equipment Regulations 2013
This equipment complies with the rules, of the UK regulations, for governing the UKCA Marking for the United Kingdom specified in the above directive(s).

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