SAMCLA

Infinite

SAMCLA
Infinite
SBS 01 00 S

SBSseries

DATASHEET

Description

- ➢ 1 dry contact input.
- ➢ Programmable input recovery time delay.
- ➢ Built-in solar panel operated.
- ➢ Only for Infinite HUB architecture.
- ➢ Integrated antenna.
- ➢ Small size.
- ➢ Secure communications.
- ➢ Bidirectional communications.
- ➢ Easy to install.
- ➢ Full charging range. Even exhausted batteries could be recharged by means the solar panel.
- ➢ Ultra low sleep mode power consumption. This allows to stock devices for a long time once battery protecting tab is removed.

SUPPLIED PARTS

SBS UNIT [mm]	MOUNTING PARTS

ORDERING INFORMATION

MODEL	REFERENCE	DESCRIPTION
SBS 01 00	SBS106B8P	GENERAL PURPOSE SENSOR

Technical specifications

MECHANICAL SPECIFICATIONS

Enclosure	ABS
Operating temperature range	-15ºC to 55ºC / 5ºF to 131ºF
IP Protection	IP66
Weight (approx.)	185g / 6.5oz

ELECTRICAL SPECIFICATIONS

Power supply	Solar panel
Short circuit protection	--
RF range (open area)	1000m / 3281ft
RF Band	868MHz Free SRD band

STATUS LEDS

Info led	**Red color**	Blinks twice: Restart.

SLEEP MODE

- Approach a magnet as shown below and info led will turn on. Maintain the position until the led turns off. Then remove the magnet. Default settings will be reloaded and device will turn to Sleep Mode.

- In order to wake up the device, repeat previous action, but now remove the magnet just the led turns on. Led info will blink twice. Device is ready to install.

Installation

PRELIMINARY

- We recommend to use all mounting parts to fix the device due to achieve optimal operation.
- Install SBS device always facing South if possible, avoid facing North.
- Remove battery protection (plastic tab). If the device has no battery protection because it is in sleep mode, restart the device by using the magnet as shown before.
- We recommend to choose final emplacement after setting up, using the connectivity test function.

SET UP

- Set up can be managed from both, the web application and the Infinite HUB APP. Proceed as shown below, following screen indications in each case.
- Add the new device to the Samcla Smart Platform and choose a location on the map. Only device PSN (290...) is required for this action.
- Select the sensor function from the list and its operating mode: normally open or normally closed.
- Edit status names and set recovery time delay if required.
- Connect the new device to the RF network. Choose the parent node (the last REP or the HUB if no REP is required) and click connect button.
- From now on, the connectivity test function is available as many times as needed.

FAQ'S

I get "Terminal equipment not responding" error during network connection.
Move new device closer its parent node and try again.

All installation steps have been accomplished successfully, but I get nor RF level neither battery level in the dash board, even after a connectivity test.
Information will be automatically updated during device next communication.

I am trying to turn the device to the sleep mode, but info led remains blinking instead of remaining on.
Magnet has been removed too fast and the device has turned into service mode. Please wait for around 30 seconds until the led turns off and try again.

Notices and Licenses for Software

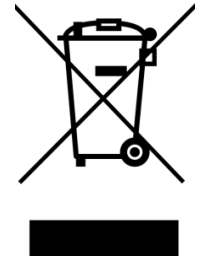Please, refer to https://oss.samcla.com for more information.

Certificate of Conformity to European Directives

SAMCLA - ESIC, S.L. declares under its sole responsibility that the SBS reference SBS106B8P complies with the standards of the European Directives of "Radio Equipment" (2014/53/EU).

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Waste electrical and electronic equipment

This symbol (right) is shown on this product. It indicates that the product should not be disposed of with regular household waste, but should be disposed of separately. Electrical and electronic equipment can contain materials that are hazardous to the environment and human health and therefore should be disposed of at a designated waste facility or returned to your retailer for the appropriate recycling to take place.

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