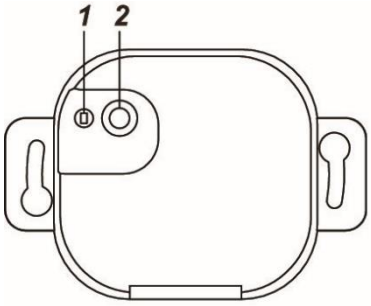
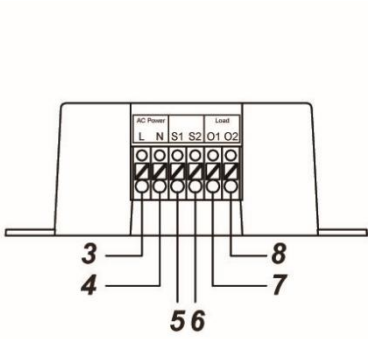
Wireless Shutter Motor Control (SCM-S1)





Parts Description

1. LED Indicator
2. Learn Button
3. AC Line Power Input
4. AC Neutral Power Input
5. Local Switch Open Direction
6. Local Switch Close Direction
7. Motor Output Open Direction
8. Motor Output Close Direction

Learning

Setup and Installation of SCM-S1 should only be performed by a person with adequate knowledge in handling electricity power. **DO NOT** attempt installation if you do not possess required skill.

1. Connect AC power to the Power input terminals. Turn off AC power before connection to ensure safety.
2. Refer to your Control Panel manual to put panel into learning mode.
3. Turn on the AC power, then press and hold the Learn button for about 10 seconds and release when LED flashes once. Wait a few seconds.
4. If learning is successful, the LED will flash twice. Refer to panel manual to complete the learning process.

Installation

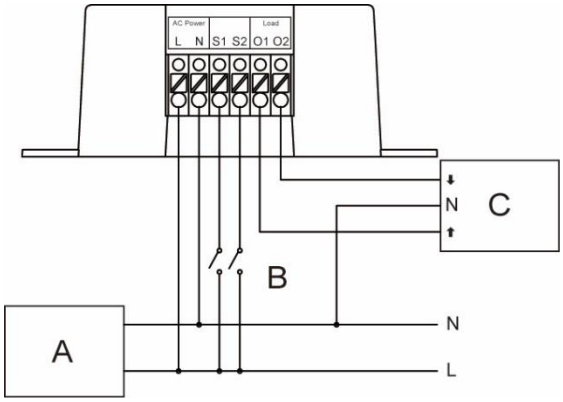
The device should be connected to the roller shutter motor to control the shutter operation. Optional external switch may be connected to the device to provide manual shutter control.

Wire the device according to diagram below.

A: AC Power

B: Optional External Switch

C: Shutter Motor



Operation

Shutter Control

The device can control wired shutter motor to open or clos via remote control using Blaupunkt Home Connect server and Secure4Home smartphone app. If external switch is wired to the device, you can also use the switch to control shutter.

When set to open or close, the device will activated the motor toward open or close direction for 4 minutes.

Remote Control

Use the web or app to control device. Avaialble options include Up, down, stop and percentage control.

Manual Control

Use the external switch to control device. When the motor is already moving in one direction, activating the switch for opposite direction will stop the motor. Activate the switch again to start moving the motor again.

Open/Close Time Calibration.

By default, the device will activate the motor for 4 minute when you choose to open or close the shutter. The 4-minute time period can be adjusted to accomodate your shutter length. To performm calibration, the device must first be wired to external switch first.

1. Press and hold the Learn Button for 3~10 seconds. Do not hold for over 10 seconds otherwise the device will be removed from Control Panel.
2. When the button is released, the device will activate motor to roll toward Open direction for 4 minutes.
3. Wait for 4 minutes for Shutter Control to stop rolling to “Open” direction, then activate the connected external local “Close” switch to close the shutter.
4. Activate the “Open” external local switch the moment the shutter is fully closed. The Shutter control will record to time it took between step 3 and 4 as the new “**close time**”.
5. The Shutter Control will then roll toward open direction after step 4.
6. Activate the “Close” external local switch the moment the shutter is fully opened. The Shutter control will record to time it took between step 5 and 6 as the new “**open time**”.
7. Example
   If it takes 30 seconds for the shutter to move from Open to Close, and 40 seconds to move from Close to Open, the new **close time** will be **30** seconds and new **open time** will be **40** seconds.
   After calibration, whenever the Shutter Control receives close command, it will roll toward close direction for 30 seconds. When it receives open command, it will roll toward open for 40 seconds.

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Specification

Environmental Condition

-10°C to 40°C, relative humidity 85% non-condensing.

Radio

2.4GHz

Operation Load

110V: 440W / 4A
230V: 920W / 4A