



SBM SMART CURTAIN

Curtain Controller



Product Overview

SBM SMART CURTAIN is a curtain motor controller based on RS485 protocol. It can be powered from a 12-24VDC power supply or 3.3VDC. The device can be used to control Drapery, Roller Shades and Wood Blinds.

The device is part of Lumos Controls ecosystem and can be easily commissioned, configured and controlled from any mobile device and can be linked to other lighting fixtures.

Specifications

Electrical

Specifications	Value
Input voltage	12-24VDC or 3.3VDC
Input current	100mA

Bluetooth

Specifications	Value
Frequency range	2402-2480MHz
Max output power	8dBm
Receive sensitivity	-95dBm

Features

- Built-in Bluetooth 5.0 module
- Support RS485 protocol
- Curtain motor controls curtain open, close, stop, percentage position, shutter flip and other functions
- The device can be powered using 12-24VDC or 3.3VDC power supply
- Life time 50,000 hours
- Zero downtime Over-the-Air firmware updates

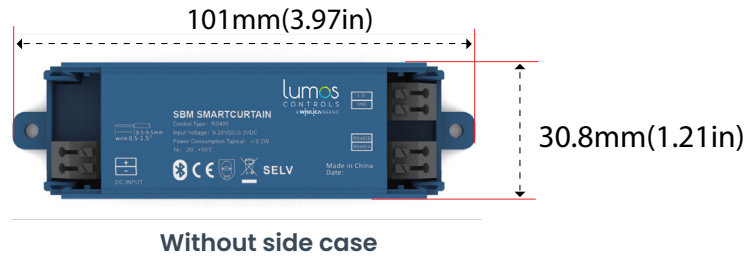
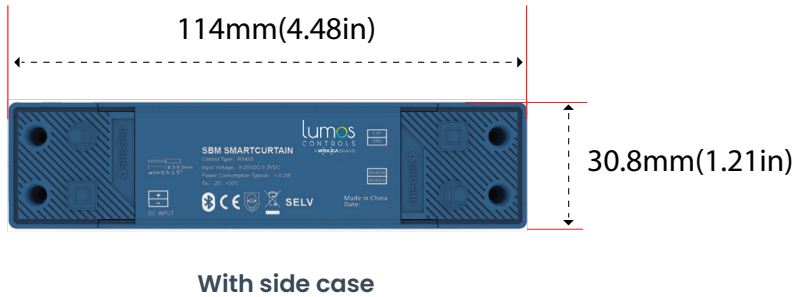
Environmental

Specifications	Value
Operating temperature	-20 to 50°C (-4 to 122°F)
Relative humidity	-20 to 85°C (-4 to 185°F)
Case temperature	75°C(167°F)

Mechanical

Specifications	Value	Remarks
Dimension	101 x 30.8 x 22mm (3.97 x 1.21 x 0.86in)	Without side case
Dimension	114x30.8x22mm (4.48 x 1.21 x 0.86in)	With side case

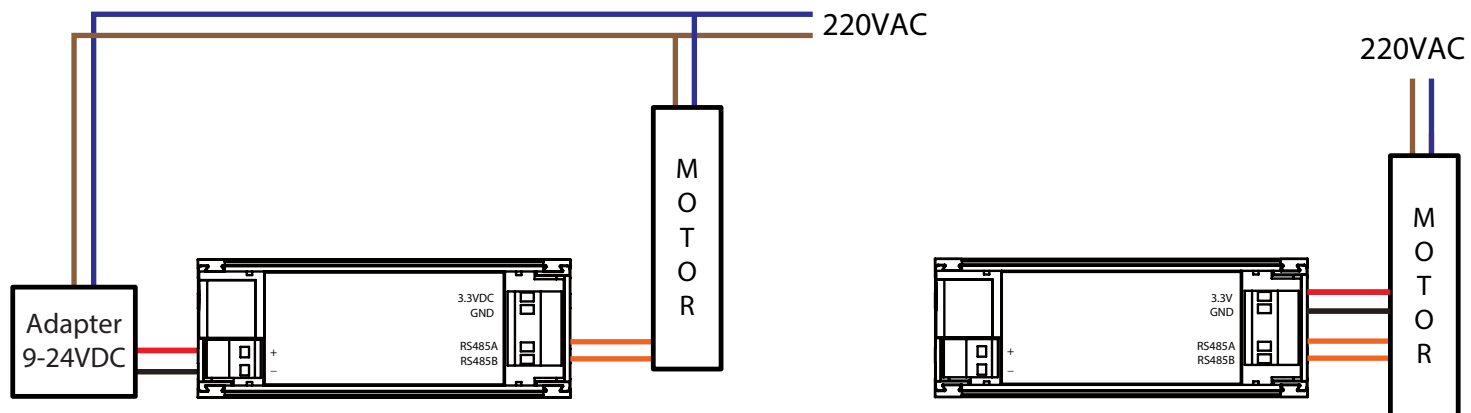
Product Dimensions



Wire Description



Wiring

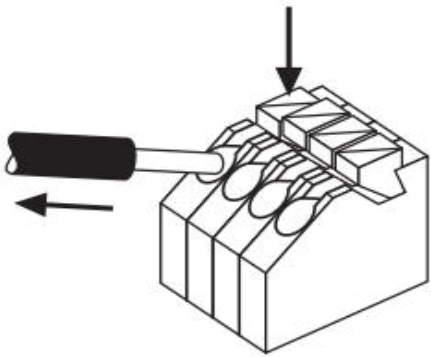


Wiring type and cross section

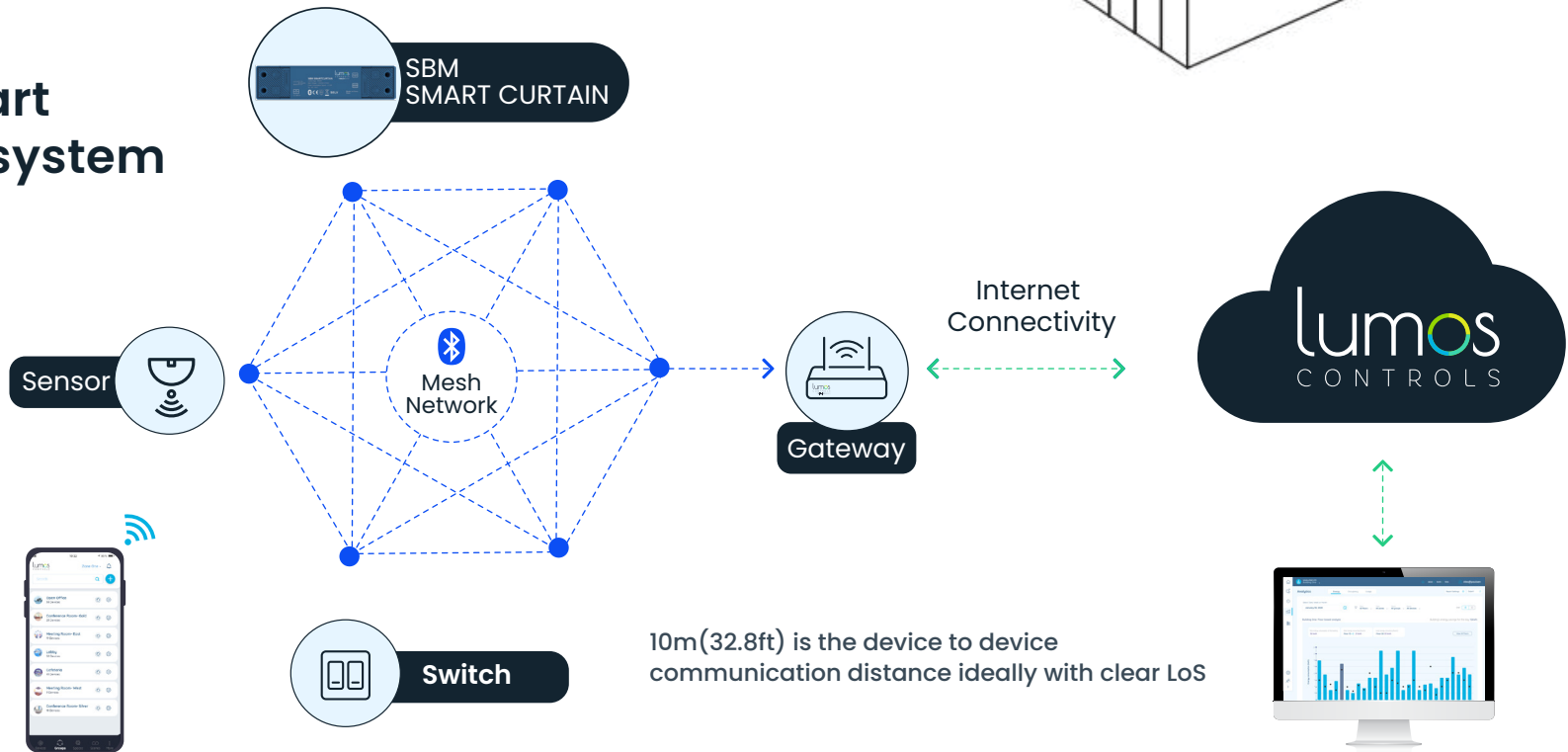
Stranded wire or solid wire from 0.75 to 1.5mm² may be used for wiring.
Strip 8.5–9.5mm of insulation from the cables to ensure perfect operation of the push terminals.

Loose wiring

Press down the “push button” and remove the cable from front.



Smart Ecosystem



Ordering Information

Product Name	Product Description	Communication	Voltage Rating
SBM Smart curtain controller	Smart curtain controller based on RS485 protocol	BLE 5.0	12-24VDC or 3.3VDC

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