ABALON
MOTORIZED CURTAINS

BCM500DS-ZWAVE CURTAIN MOTOR

BCM500DS-ZWAVE / PRODUCT PROFILE



CONTROL MODE

Remote control APP control

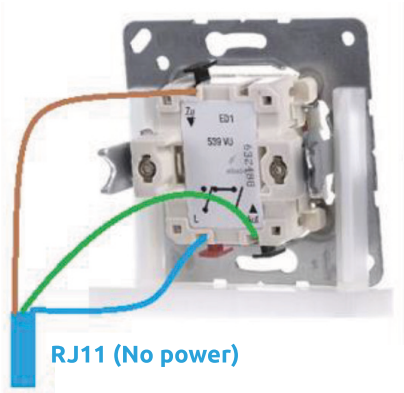
FUNCTIONS

Non-power operation Manual operation Slow start Auto stop Auto set up position limit

CERTIFICATES

Motor model	Control mode	Rated torque	Rated voltage	Rated power	Rated speed	IP proof
BCM500DS -ZWAVE	ZWAVE	1.2 N.n	AC100~240V	40W	50r/min	IP40

RJ11 connector without power.



Switch connectivity Mode:

The Z-Wave motor comes with an EU plug and an 80 cm cable. It has no alternative connection method, as it does not use an RJ11 connector. Not compatible with other protocols.

Motor for Z-Wave HUB installations.

Motor designed for installations using the Tuya app / SmartThings / frequent use of Alexa / Google Home. Not suitable for other home automation systems. Operates on the 2.4 GHz band and includes a 433 MHz RF remote control.

Z-Wave Long Range (ZWLR) is a sub-GHz wireless communication protocol designed to extend smart home connectivity, offering a range of up to 2.4 kilometres (1.5 miles). It enables direct communication between the hub and devices, supports up to 4,000 nodes per network, and is designed for large properties as well as commercial, industrial and outdoor applications.

Z-WAVE Working frequency

China /MHz	America /MHz	Europe /MHz	Austrial /MHz	Japan /MHz	Malisia /MHz	Russia /MHz
868.4	908.4/ 916	868.4	919.8/ 921.4	922.5/ 923.9/ 926.3	868.1	869.0

Three types of switches:

Single-action (Spring-Loaded)



Double-action



Triple-action

