ABALON
MOTORIZED CURTAINS

BCM100DE-5X CURTAIN MOTOR

BCM100DE-5X / PRODUCT PROFILE



CONTROL MODE

Remote control | Strong current control | Dry contact

FUNCTIONS

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

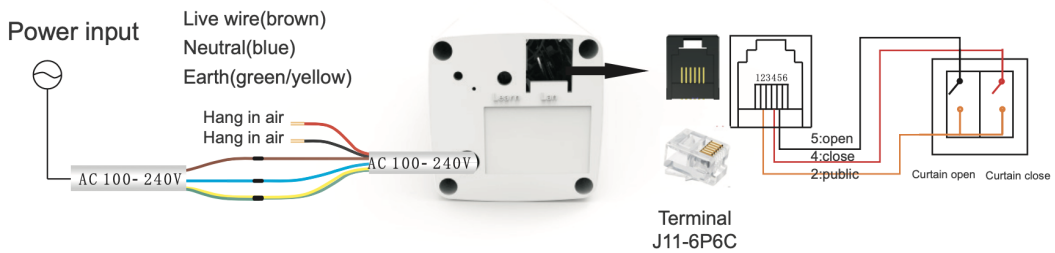
CERTIFICATES

Motor model	Control mode	Rated torque	Rated voltage	Rated power	Rated speed	IP proof
BCM100DE-5X	5 wires	1.5N.m	AC100~240V	40W	50r/min	IP40

Apart from the remote controlling, some of the ABALON motors can also be installed using a wall switch:

5-wire motor options:

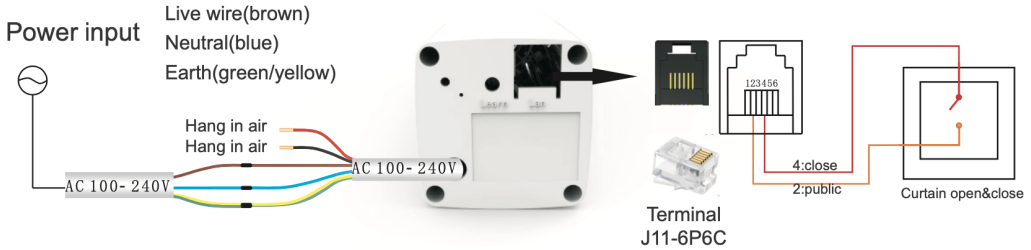
Wiring for weak current double button switch



The switch type of weak current double button switch

1.Interlock switch
Motor control mode should be mode 1.
2.Reset switch
Motor control mode should be mode 2.

Wiring for weak current single button switch



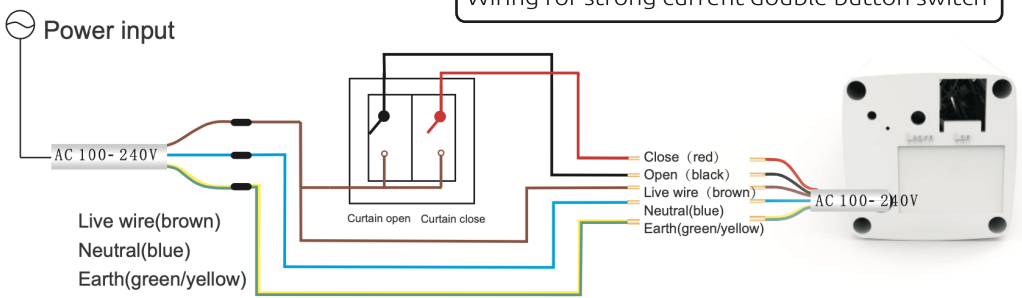
The switch type of weak current single button switch

Single reset switch
Motor control mode should be mode 3.

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5-wire motor options:

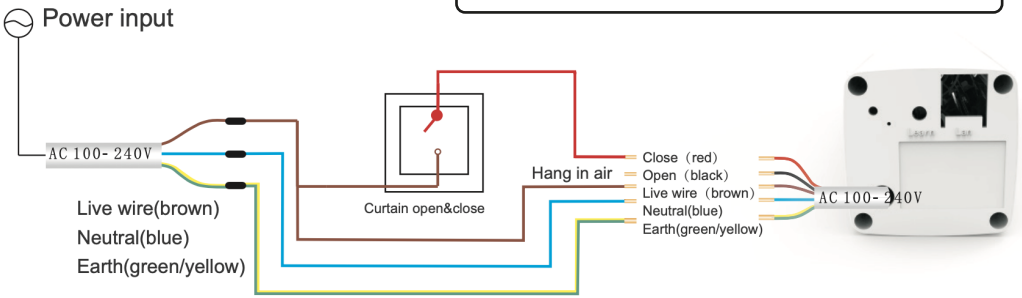
Wiring for strong current double button switch



The switch type of strong current double button switch

1.Interlock switch
Motor control mode should be mode 1.
2.Reset switch
Motor control mode should be mode 2.

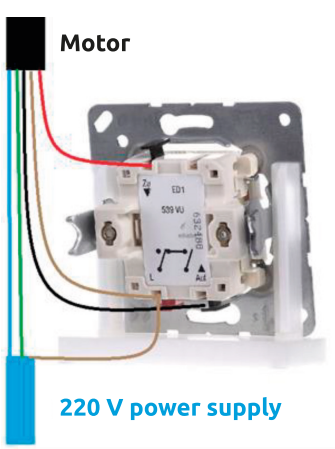
Wiring for strong current single button switch



The switch type of strong current single button switch

Single reset switch
Motor control mode should be mode 3.

5-wire installation / Double switch



Motor for home automation installations (electronic, not mechanical motor)

This motor *is not recommended for use with KNX protocols or actuators* due to potential compatibility issues. It stores the upper and lower travel limits internally, which may cause the motor to become misconfigured when used with an actuator, requiring frequent resets.

The motor is designed for easy installation with wall switches and does not require module replacement. It activates only when it receives electrical power and can be operated using either a remote control or by pulling the curtain manually.

This motor uses five wires: Live / Neutral / Earth / Open control wire / Close control wire.

The motor is designed for use with wall switches and various types of home automation switches, including *Wi-Fi, Zigbee, Z-Wave, and other low-level protocol systems.*

Three types of switches:

Single-action (Spring-Loaded)



Double-action



Triple-action

