ABALON
MOTORIZED CURTAINS

BCM100DE-4X CURTAIN MOTOR

BCM100DE-4X / 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

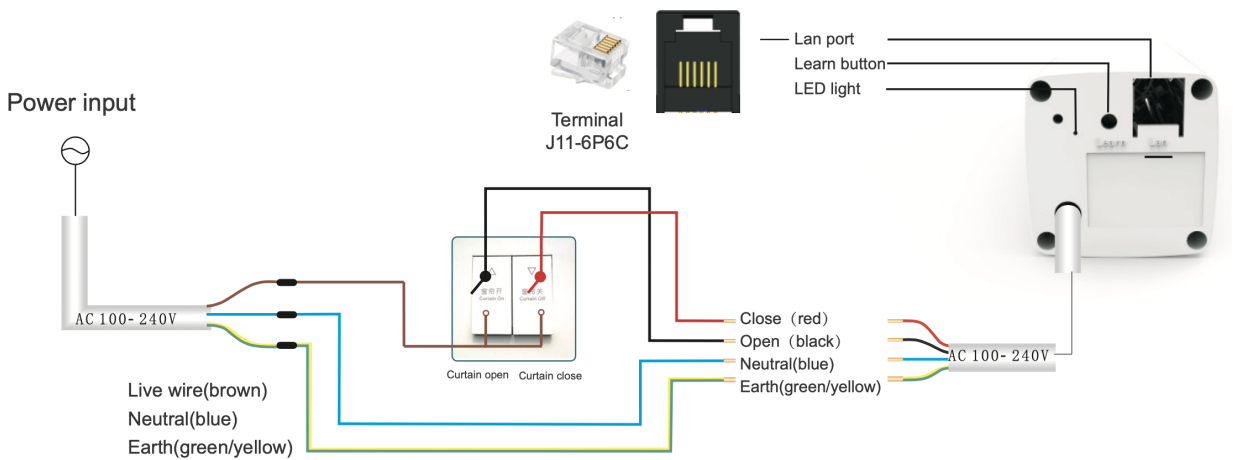
CERTIFICATES

Motor model	Control mode	Rated torque	Rated voltage	Rated power	Rated speed	IP proof
BCM100DE-4X	4 wires	1.5N.m	AC100~240V	40W	50r/min	IP40

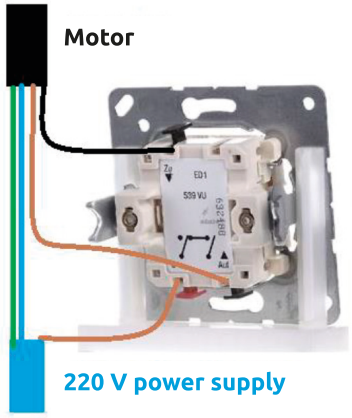
Apart from the remote controlling, some of the ABALON motors can also be installed using a wall switch:

4-wire motor options:

Wiring for strong current double interlock switch



4-wire installation / Double switch



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

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

The motor is designed for easy installation with wall switches. No module replacement is required. It is operated neither by remote control nor by manually pulling the curtain. The motor only activates when it receives electrical power. It does not have a continuous power supply, as the live wire acts as the opening control wire. The live phase cannot be bridged or bypassed as it can with a 5-wire motor.

To manually set the travel limit: Press the black button four times.
To reset the motor: Press and hold the black button on the motor for 30 seconds.

Within the Abalon motor range, this is the simplest wired motor to install.

Three types of switches:

Single-action (Spring-Loaded)



Double-action



Triple-action

