Smart Home Systems

Tuya Shutter Module

ZIGBEE MINI CURTAIN CONTROLLER MODULE

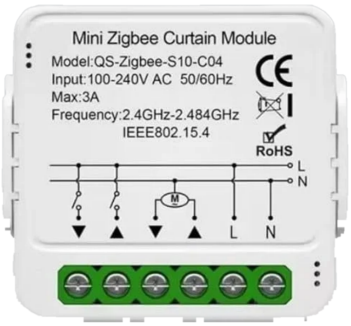
Max 3A | ZigBee | 100-240V AC

TECHNICAL DATASHEET

English | Reference edition v1.0

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Branded reference copy - Tuya ZigBee Mini Shutter Module



SMART CURTAINS • CURTAIN MODULE • ZIGBEE

Tuya Zigbee Shutter Module

Mini Smart Curtain Controller Module

A small module that turns electric curtains into smart curtains. It can be controlled through the Tuya Smart or Smart Life app, a traditional wall switch or voice commands, and fits inside a switch box or junction box.

Max Load 3A
100-240V AC, 50/60 Hz.

ZigBee
Requires a compatible ZigBee gateway.

IP20 / 39.2 mm
Compact 39.2 x 39.2 x 18 mm body for in-box installation.

Tuya Smart / Smart Life | Alexa / Google Assistant | Schedule Timer | Motor Reverse | Wall Switch | 1 Gang / 2 Gang

Key Features

App and Voice Control
Open and close the curtain via Tuya Smart or Smart Life, or by voice through Amazon Alexa or Google Assistant.

Wall Switch
Works with a conventional wall switch, and switch actions sync with the app.

Schedules & Motor Reverse
Set automatic open/close timers; the Motor Reverse setting changes direction if the curtain moves the wrong way.

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Technical Specifications

Item	Specification
Brand / System	Tuya
Product type	ZigBee Curtain Module
Available versions	1 Gang / 2 Gang
Certifications	CE / RoHS
Protection	IP20
Voltage	AC 100-240V, 50/60 Hz
Max load	3A
Connection	ZigBee
Connection requirement	Compatible ZigBee gateway
Terminals	L2 / L / L1 / N / S1 / S2
Dimensions	39.2 x 39.2 x 18 mm
Installation location	Inside a switch box or junction box
Includes	Reset button / indicator light / mounting piece
App	Tuya Smart / Smart Life
Control methods	App / Voice / Manual switch
Voice assistants	Amazon Alexa / Google Assistant
Smart functions	Schedule Timer / Motor Reverse / Manual Control

How It Works

1. Wire the Module

Install the module in a switch or junction box and wire it according to the wiring diagram.

2. Pair with the Gateway

Pair the module with a compatible ZigBee gateway; pressing Reset puts it into pairing mode.

3. Control

Control the curtain from the app, the wall switch or by voice.

Operating Features

Schedule Timer

Automatic daily open/close routines.

Motor Reverse

Changes the motion direction from the app, with no rewiring.

Manual Control

Wall switch control with app sync.

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Applications

- Smart Home Electric Curtains
- Bedrooms, Living Rooms & Offices
- Compatible Shutters & Rotating Curtains
- Halls, Hotels & Meeting Rooms

Installation Tips

- Disconnect power before installing.
- Follow the wiring diagram exactly.
- Installation by a qualified electrician is recommended.
- Keep the device away from water, humidity, high heat and strong interference sources.

> **Note:** The module works over ZigBee, not WiFi, so it requires a compatible ZigBee gateway. It supports connecting the motor to an external wall switch for manual control.

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