Manuals+ — User Manuals Simplified.

ZSC1 Zigbee + RF Smart Curtain Switch Module User Guide

ZIGBEE ZSC1
Zigbee+RF Smart Curtain Switch Module

CE RoHS emc RED

Contents

ZSC1 Zigbee + RF Smart Curtain Switch Module

- Zigbee Smart life APP cloud control, support timing on/off, motor commutation function.
- Connect with two push switch to control curtain on/off position percentage.
- Sound alert: within 3 seconds time, the opening/closing action exceeds 7 times, the curtain switch module issues a sound alert until it is no longer operated.
- Voice control, support for Amazon Alexa, Google Assistant, Tmall Genie and Xiaodu smart speakers.
- Match with RF 2.4G dimming remote control optional.

Technical Parameters

Hardware parameters

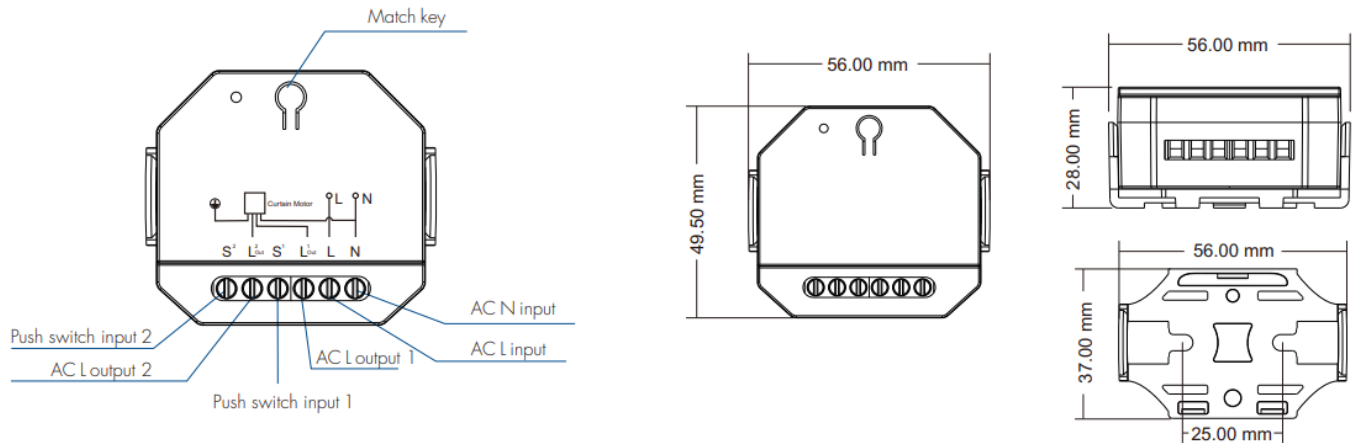|	
Input voltage	100-240VAC 50 /60Hz
Output current	Max. 2A(AC)
Output power	200-480W
Input signal	Tuya APP + RF 2.4GHz + Push switch
Control distance	30m(Barrier-free space)

Environment and Warranty

Operation temperature	Ta: -10°C ~ 55° C
Casetemperature(Max.)	Tc: +65°C
Warranty	2 years

Package

Size	L 56xW56xH35mm
Gross weight	0.066kg

Mechanical Structures and Installations

Match key

Push switch input 2
AC L output 2
Push switch input 1
AC L output 1
AC L input
AC N input

56.00 mm
49.50 mm
56.00 mm
28.00 mm
56.00 mm
37.00 mm
25.00 mm

Installation way
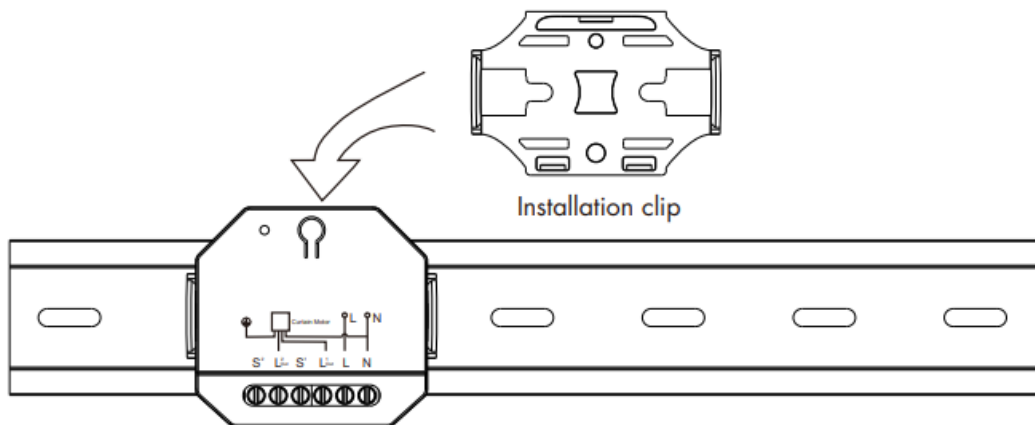

Installation clip

Note:

1. The installation must be installed or removed by a professional electrician.
2. Please keep the device out of the reach of children.
3. Please keep away from water, humid or hot environment.
4. The device should be kept away from strong signal sources (such as microwave ovens) to avoid signal interruption and cause the device not to work properly.
5. Avoid placing the device close to or near high-density materials (such as metal, concrete walls, etc.), which will reduce or block the wireless signal.

Wiring diagram

- Connect with push switch

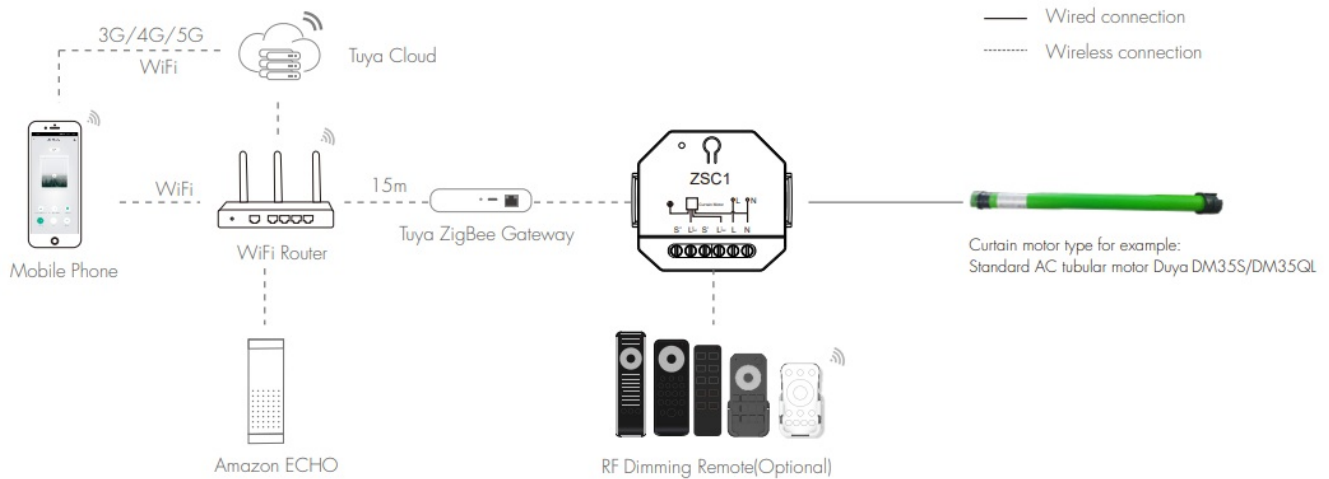Schematic diagram of tubular capacitor-run asynchronous motor 220V/230V
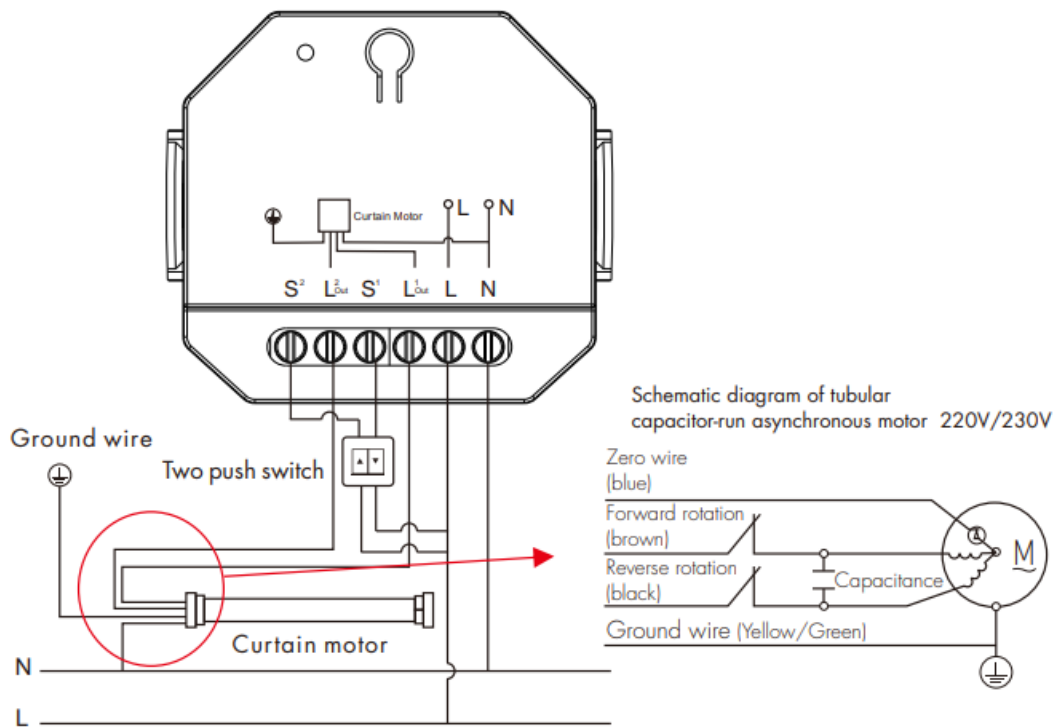
- No push switch connected
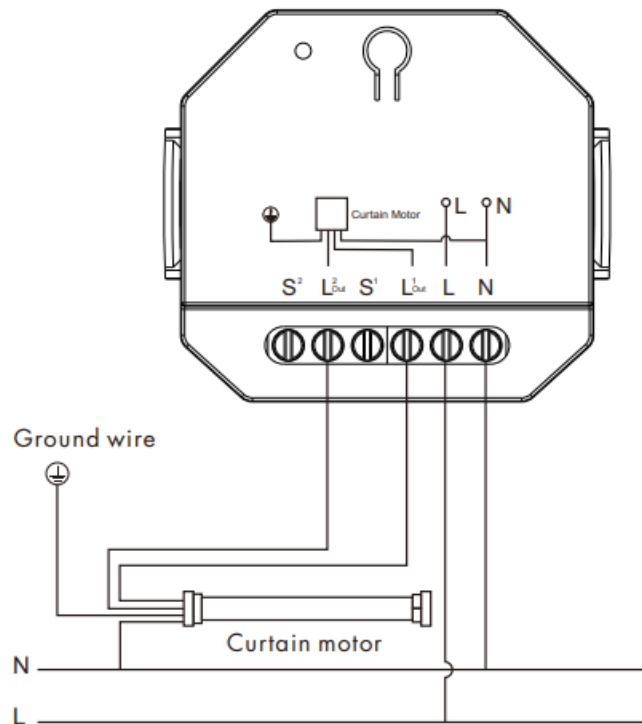
Note: The two push switches control the forward and reverse steering respectively, and the speci forward and reverse direction needs to be decided according to the actual curtain motor wiring.

System wiring

Note:

1. The above distance is measured in spacious (no obstacle) environment, Please refer to the actual test distance before installation.
2. Users can use the Tuya ZigBee gateway to realize remote contro! and voice control.

Tuya APP Network Connection

Please download the corresponding tuya/smart life app according to your region.
Press and hold Match key for 5s, or push twice Match key fastly, or repeat power on and off for 5 consecutive times:
Clear previous network connection, enter con mode, the LED indicator fastly.
Con mode lasts for 30S, and con mode is automatically exited after 30S.
Device reset: press and hold Match key for 2s.
If Tuya APP network connection succeed, the LED indicator will stop and in Tuya APP, you can the Smart Curtains device.
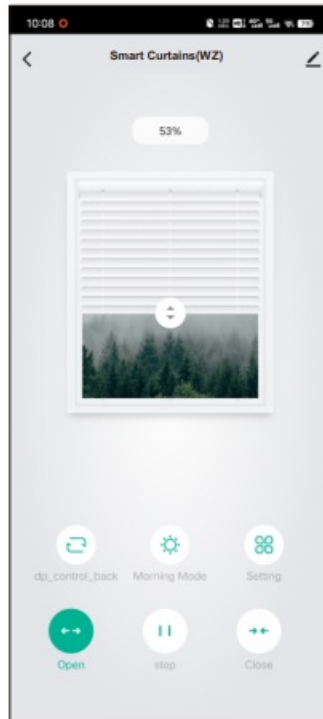

Smart life APP   Tuya APP
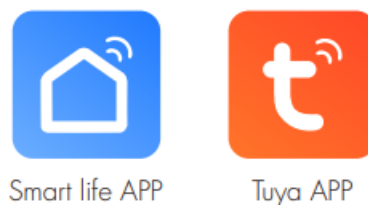
Tuya APP interface

Main interface

Slide control curtain switch (the position percentage of curtains).
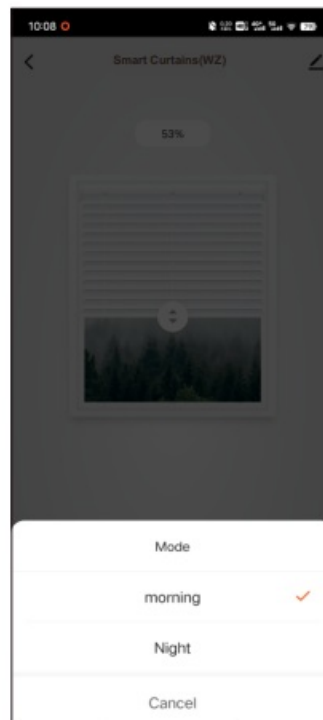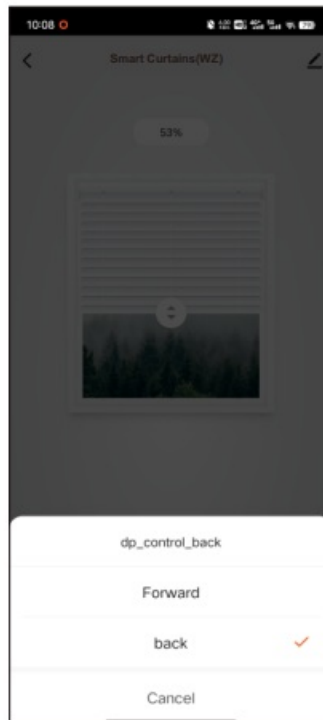Motor direction/Mode/Setting
Open/stop/Close

Mode interface
Morning mode: curtain on
Night mode: curtain off

Motor direction
Motor forward, 100% curtain full open, Motor back, 100% curtain full close.

Smart Curtains(WZ)

53%

dp_control_back

Forward

back ✓

Cancel

Setting interface
Travel time:
Set the whole time of curtain opening/closing, the minimum setting is 10 seconds.
Schedule:
Set the curtain to open/close at regular time, or set the curtain to open/close automatically at a y week.

17:56

Setting

Travel Time 10Seconds

Schedule

Match remote control (Optional)

End user can choose the suitable match/delete ways. Two options are offered for selection:

Use the Match key
Match:
Short press match key, immediately press on/off key (single zone remote) or zone key (multiple zone remote) on

the remote. The LED indicator fast flash a few times means match is successful.
Delete:
Press and hold match key for 10s, The LED indicator fast flash a few times means all matched remotes were deleted.

Use Power Restart
Match:
Switch off the power, then switch on power, repeat again.
Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote. The LED indicator blinks 3 times means match is successful.
Delete:
Switch off the power, then switch on power, repeat again.
Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote. The LED indicator blinks 5 times means all matched remotes were deleted.

Note:

1. Curtain remote control only supports single-zone/multi-zone RF2.4GHz single color dimming remote control series.
2. After the remote control matched successfully, on/off key of single-zone remote controller or on/off key of multi-zone remote controller controls the switch of curtain, brightness adjustment controls the position percentage of the curtain (100% brightness corresponds to full on).
3. Restore factory settings: Long press the match key for 15s.

Push Switch Function

The provided Push switch interface allows for a simple curtain switch method using commercially available non-latching (momentary) wall switchs or push button.
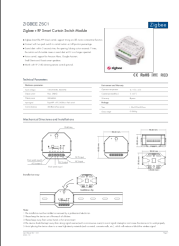Start the curtain motor forward and reverse by short pressing the left and right button, i.e. open/close the curtain.
Short press, the curtain starts to move; short press again, the curtain stops moving.

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Documents / Resources

Zigbee ZSC1 Zigbee + RF Smart Curtain Switch Module [pdf] User Guide
ZSC1 Zigbee RF Smart Curtain Switch Module, ZSC1, Zigbee RF Smart Curtain Switch Module, Smart Curtain Switch Module, Curtain Switch Module, Switch Module, Module

References

- **User Manual**