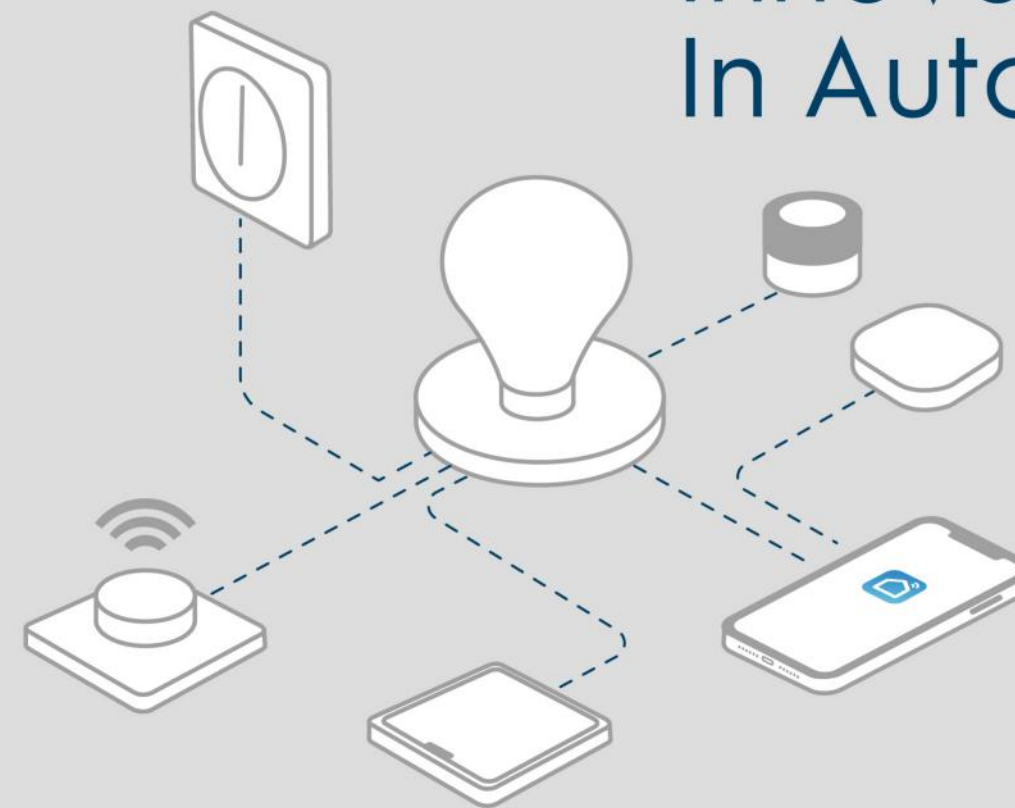


Innovation In Automation

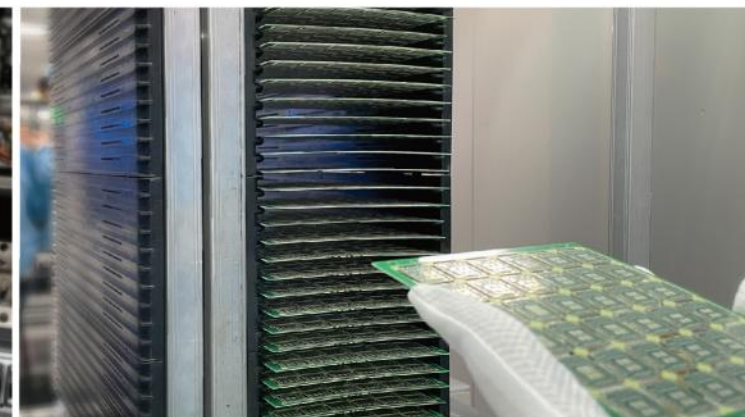
2025 Catalog



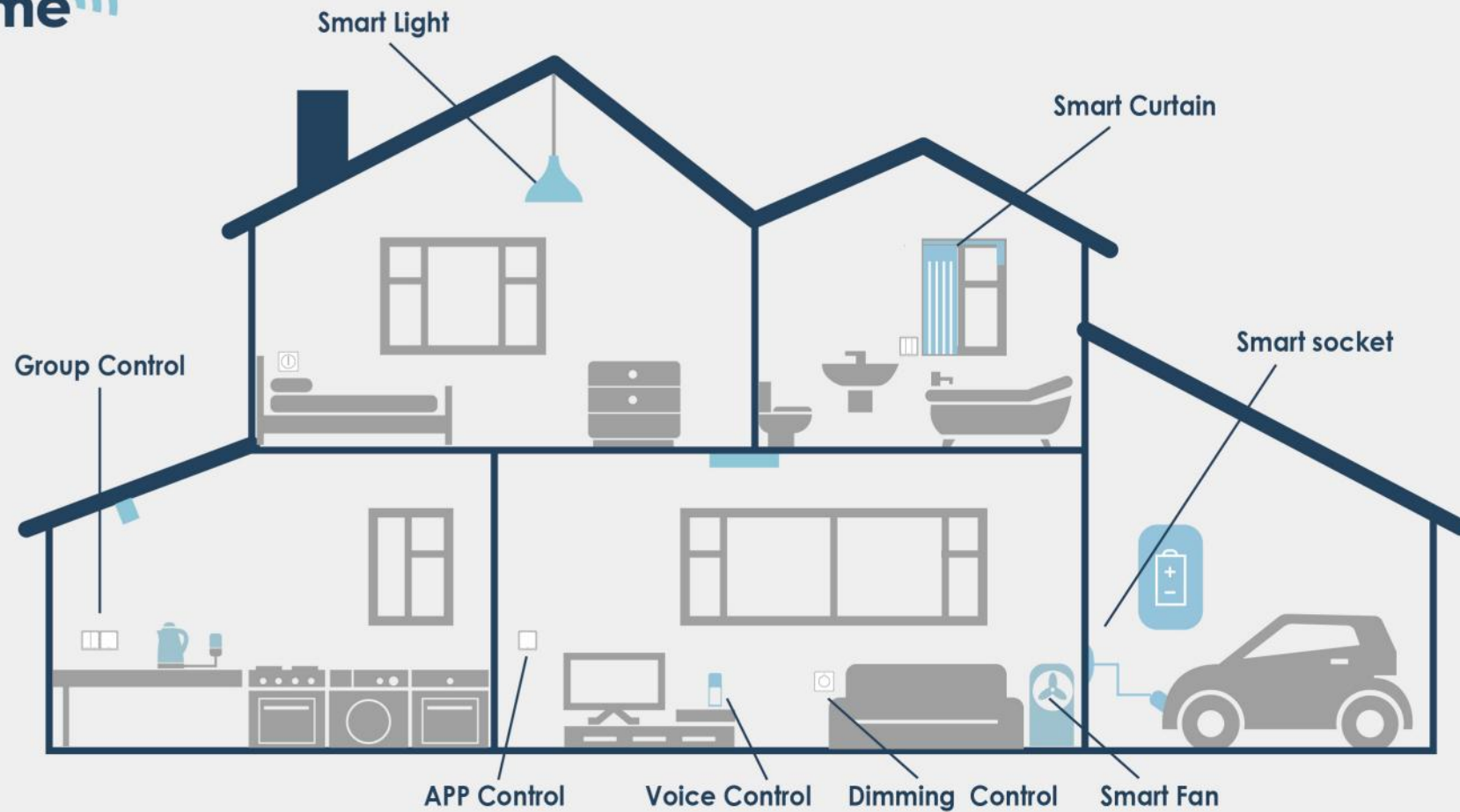
Company Name:Earda Technologies Co., Ltd.
Address:(Workshop A), No. 2, Jisheng Road,
Huangge Town, Guangzhou,
Guangdong, China
Website : <http://www.eardatek.com>
Phone: +86-20-28662868

EARDATEK
Stock Code: 870780

ABOUT EARDATEK



Smart Home



Alexa! Turn on the Lights.

OK.

Alexa! Turn on door fan.



Hey
Google

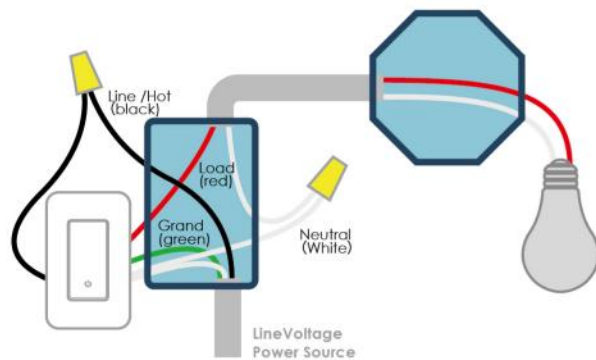


WORKS WITH
alexa

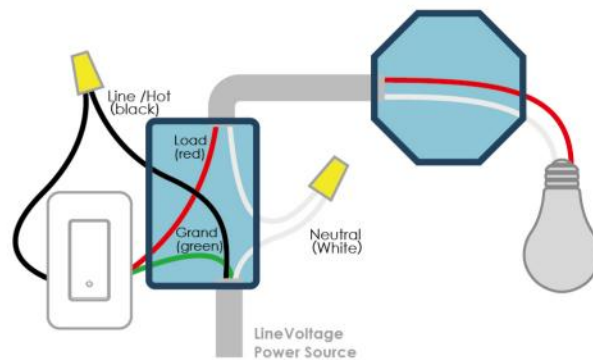


Home Automation Tips

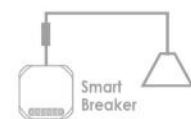
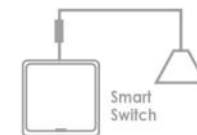
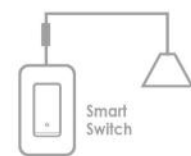
What is Neutral Required Wire?



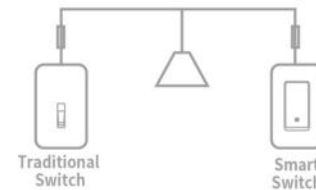
What is without Neutral Wire?



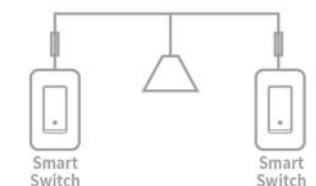
Smart Switch Connection Diagram TIPS



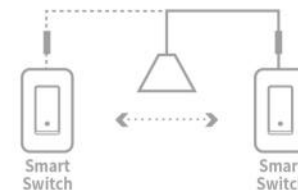
Single Pole



3-Way Wiring Diagram
(Smart Switch
& Traditional Switch)



3 Way Wiring Diagram
(Smart Switch
& Smart Switch)



3 Way Wireless Control
(Smart Switch
& Smart Switch)



EU



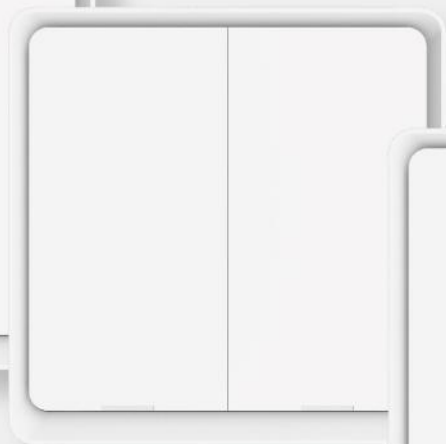
EU Standard



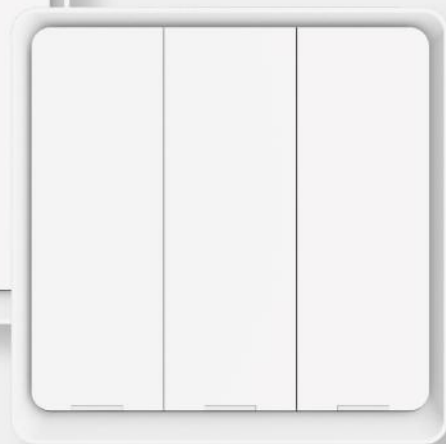
Smart Switch



1 GANG



2 GANG



3 GANG



Neutral Required
(3 Wires)



Voice Control



Group Control



App Remote
Control



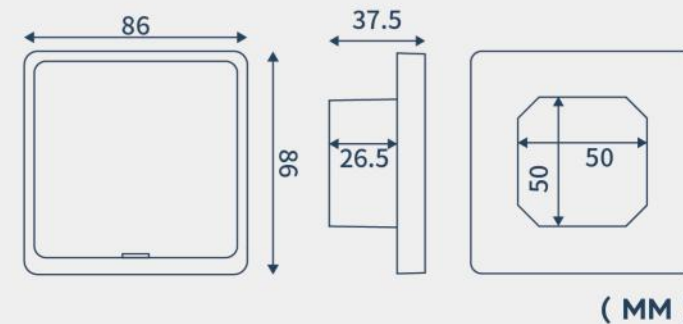
Dual Color
Indicate LED



Mechanical
ON/OFF Switch



Zero-crossing
Protection



Smart Switch

Line only Standard
Line only Hight Power



1 GANG



2 GANG



Voice Control



Group Control



App Remote Control



Dual Color Indicate LED



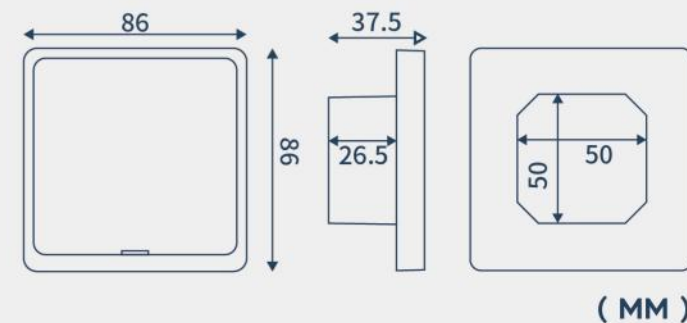
Mechanical ON/OFF Switch



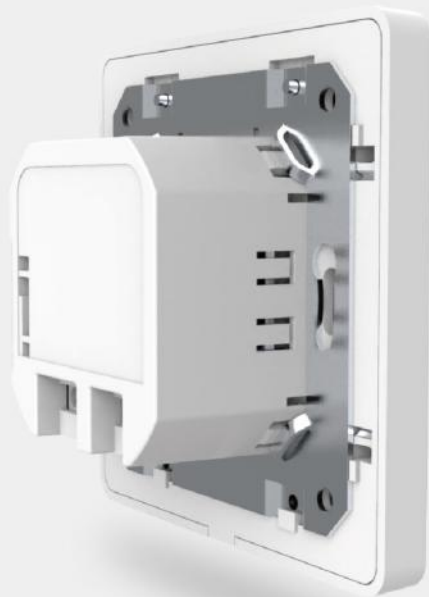
Zero-crossing Protection



Without Neutral
(2 Wires)



Touch Dimmer Switch



Voice Control



Group Control



App Remote Control



Stepless Touch Control



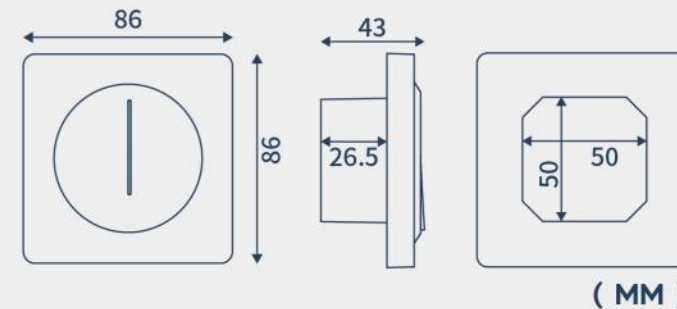
Mechanical ON/OFF Switch



Soft ON/OFF



Neutral Required
(3 Wires)



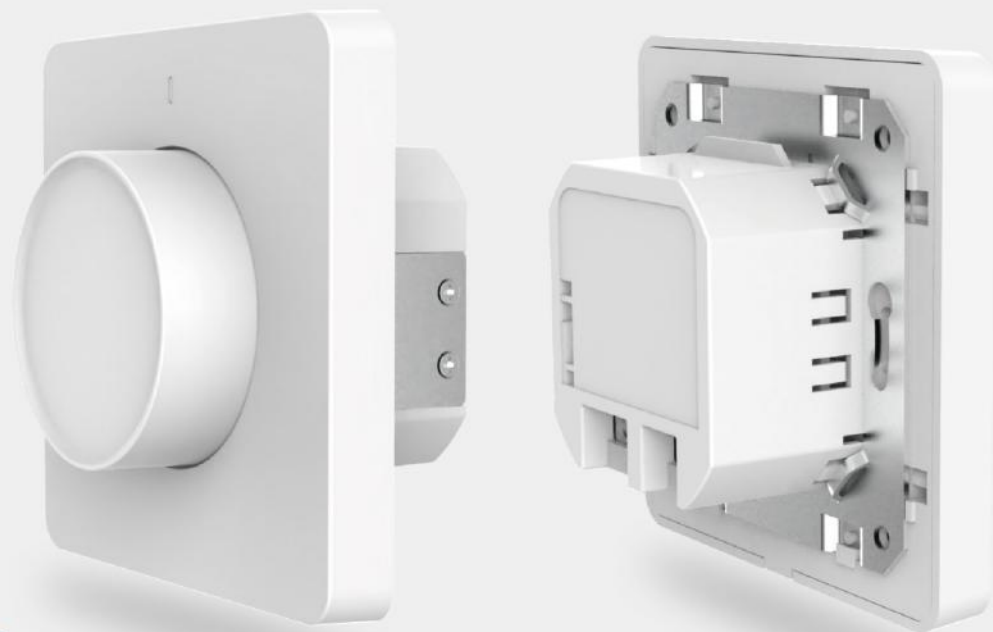
Rotary Dimmer Switch

Wi-Fi

zigbee

Bluetooth

Minimum wattage
3w
Switch's Circuit



Voice Control



Group Control



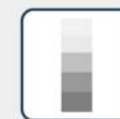
App Remote Control



Stepless Rotate Control



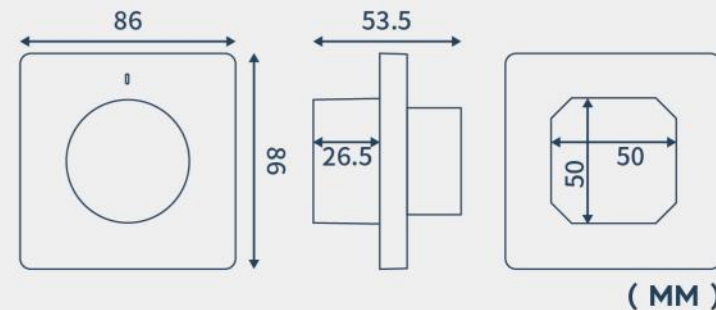
Mechanical ON/OFF Switch



Soft ON/OFF



Neutral Required
(3 Wires)



Curtain Switch



Smart Curtain



Voice Control



Group Control



App Remote Control



Dual Color Indicate LED



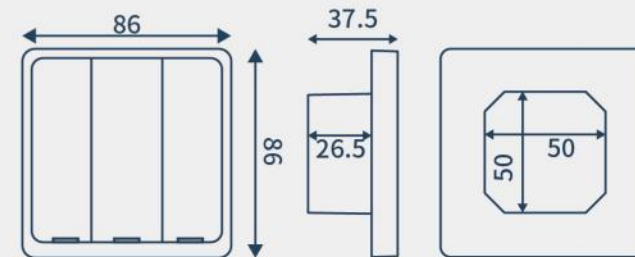
Mechanical ON/OFF Switch



Zero-crossing Protection



Neutral Required
(3 Wires)



(MM)

Fan-Speed Controller



Moto Load
120_w
Max



Voice Control



Group Control



App Remote
Control



Stepless Rotate
Control



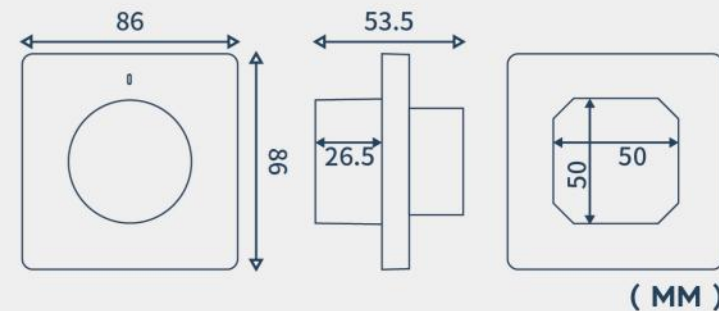
Mechanical
ON/OFF Switch



Fan Speed
Control



Neutral Required
(3 Wires)





US Standard



FCIC





Neutral Required
(3 Wires)



Smart Dimmer Switch

Wi-Fi

zigbee

Bluetooth



Voice Control



Group Control



App Remote Control



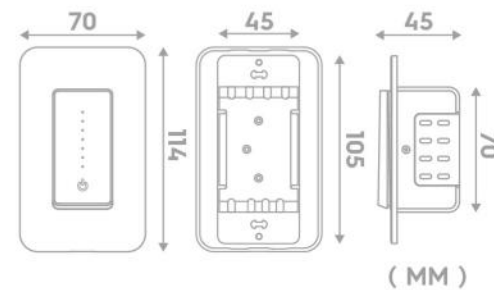
Touch Dimming PLUS



Mechanical ON/OFF Switch



Brightness Memory





Neutral Required
(3 Wires)



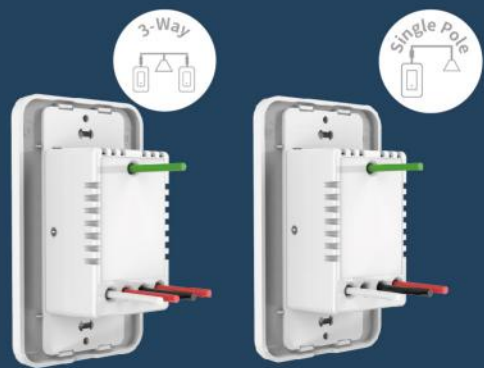
Smart Switch

Compatibility upgrades with
traditional switches

Wi-Fi

zigbee

Bluetooth



Voice Control



Group Control



App Remote
Control



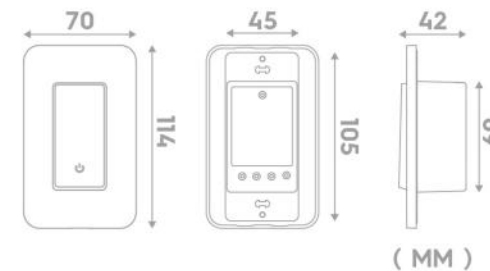
LED Indicator



Mechanical
ON/OFF Switch



Schedule





Without Neutral
(2 Wires)



Smart Switch

Minimum wattage

Switch's Circuit



Voice Control



Group Control



App Remote Control



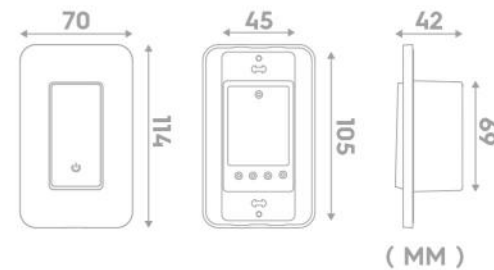
NO Gateway Needed



Mechanical ON/OFF Switch



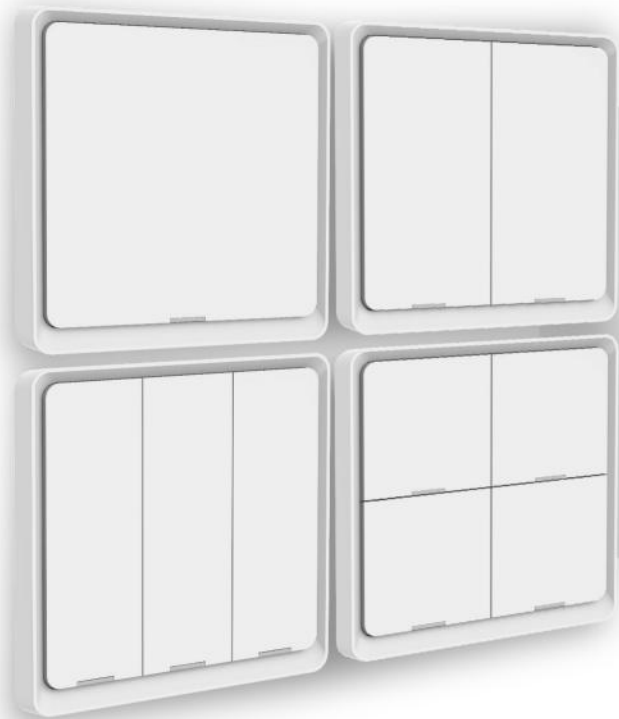
Schedule



CN

CN Standard





Smart Switch



Voice Control



Group Control



App Remote Control



Dual Color Indicate LED



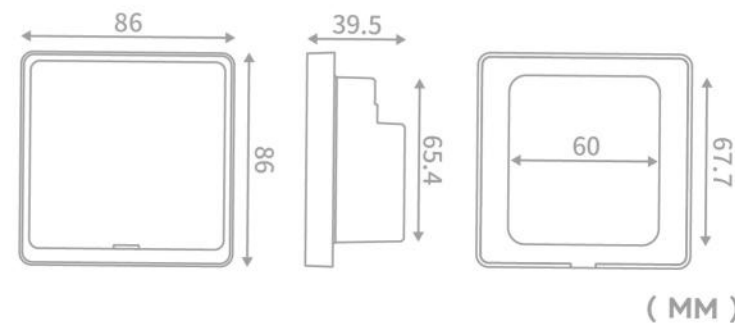
Mechanical ON/OFF Switch



Zero-crossing Protection



Neutral Required
(3 Wires)



Minimum wattage

5w

Switch's Circuit

Smart Switch



Powered by



Line only Standard
Line only High Power

zigbee Bluetooth



Voice Control



Group Control



App Remote Control



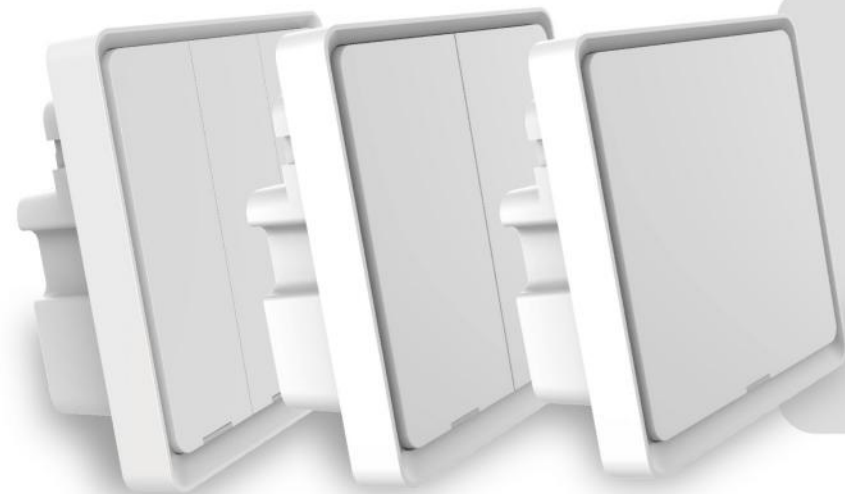
Dual Color Indicate LED



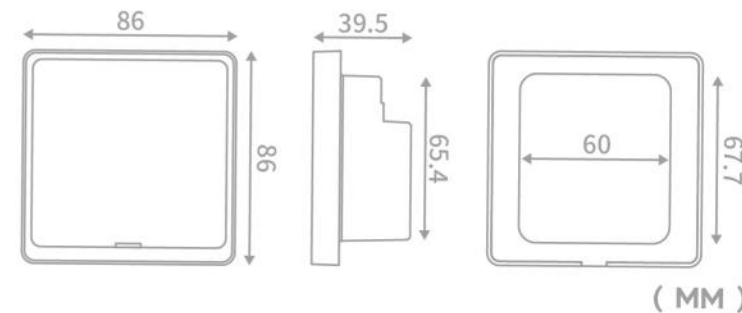
Mechanical ON/OFF Switch



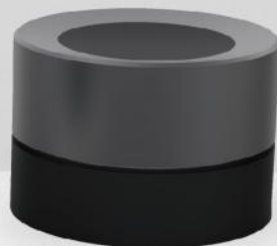
Zero-crossing Protection



Without Neutral
(2 Wires)



Universal





Scene Switch

 zigbee

 Bluetooth



Group Control



App Remote Control



Scene Setting



Mechanical ON/OFF Switch



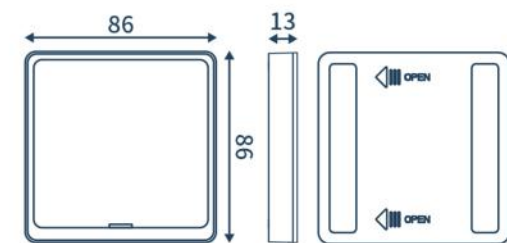
No Wiring



Stick Anywhere



Battery Powered



(MM)



Smart Button



Group Control



App Remote Control



Scene Setting



Mechanical ON/OFF Switch



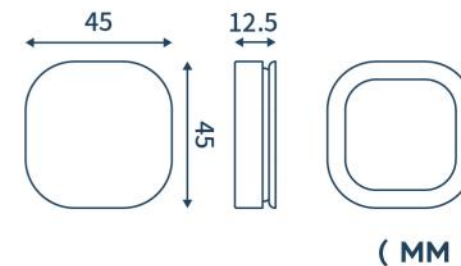
No Wiring



Stick Anywhere



Battery Powered





Human sensor



Neutral Required
(3 Wires)



Tuya



OTA Upgrade



App Remote
Control



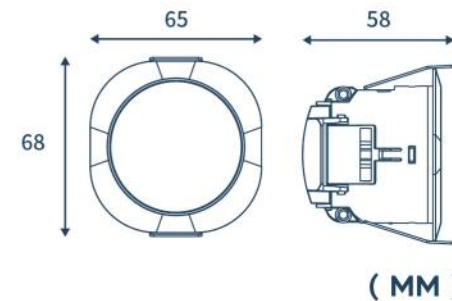
Presence Sensing



Micro/Close
Movement



Light Sensitivity
Adjustment





60G Human Sensor



No Wiring



OTA Upgrade



App Remote Control



Presence Sensing



Micro/Close Movement



Light Sensitivity Adjustment



Battery Powered



Smart knob



No Wiring



Light Control



Curtain Control



Stepless Rotate Control



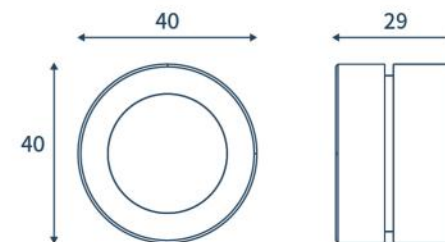
Temperature Control



Fan Control



Battery Powered





Smart Switch

1 GANG



Smart Switch

2 GANG



Smart Switch

3 GANG

Neutral Required - Single Pole - WiFi Zigbee BEL Mesh

1 GANG 2 GANG 3 GANG



Input Power:	100-240V AC 50/60Hz
load:	Incandescent: 1500W MAX CFL:600W MAX LED: 600W MAX
Communication:	WiFi 2.4G
(Available for selected model)	Zigbee 3.0* BLE MESH**
Standby Power:	≤0.5W
Working Temperature	-10℃～45℃
Working Humidity	<90%RH
Life Cycle:	50,000 times
Dimension:	86*86*37.5mm

Single Pole - Without Neutral - Zigbee BEL Mesh		1 GANG	2 GANG
Line only Standard		Line only High Power	
Input Power:	200-240V AC 50/60Hz	Input Power:	200-240V AC 50/60Hz
load:	Incandescent: 5-400W	load:	Incandescent: 5-280W
	LED: 5-300W	Communication:	Zigbee 3.0*
Communication:	Zigbee 3.0*	(Available for selected model)	BLE MESH**
(Available for selected model)	BLE MESH**	Standby Power:	≤0.5W
Standby Power:	≤0.5W	Working Temperature	-10℃～45℃
Working Temperature	-10℃～45℃	Working Humidity	<90%RH
Working Humidity	<90%RH	Life Cycle:	50,000 times
Life Cycle:	50,000 times	Dimension:	86*86*37.5mm
Dimension:	86*86*37.5mm		



Touch Dimmer

Neutral Required - Single Pole - WiFi Zigbee BEL Mesh



Input Power :	100-240V AC 50/60Hz
Dimming Control :	Trailing Edge Cut
Inductive load (LED/CFL) :	< 220W
Resistive load (Incandescent) :	< 300W
Communication :	WiFi 802.11 b/g/n 2.4GHz
(Available for selected model)	Zigbee 3.0* BLE MESH 2.4GHz**
Control Channel :	1 CH
Standby Power :	≤0.5W
Working Temperature	-10℃～45℃
Working Humidity	<90%
Life Cycle:	50,000 times
Dimension :	86*86*43mm



Rotary Dimmer

Neutral Required - Single Pole - WiFi Zigbee BEL Mesh



Input Power :	100-240V AC 50/60Hz
Dimming Control :	Trailing Edge Cut
Inductive load (LED/CFL) :	< 220W
Resistive load (Incandescent) :	< 300W
Communication :	WiFi 802.11 b/g/n 2.4GHz
	Zigbee 3.0* BLE MESH 2.4GHz**
Control Channel :	1 CH
Standby Power :	≤0.5W
Working Temperature	-10℃～45℃
Working Humidity	<90%
Life Cycle:	50,000 times
Dimension :	86*86*53.5mm



Curtain Switch

Neutral Required - Single Pole - WiFi Zigbee BLE Mesh



Input Power:	100-240 AC 50/60Hz
load:	400W
Communication:	WiFi 802.11 b/g/n 2.4GHz
(Available for selected model)	Zigbee 3.0 BLE MESH**
Standby Power:	<1.5W
Working Temperature	-10℃～45℃
Working Humidity	<90%
Life Cycle:	50,000 times
Dimension:	86*86*37.5mm



Smart Switch

Neutral Required - Single Pole & 3WAY - Zigbee WiFi BEL Mesh



Input Power:	100-120V AC 60Hz
Control:	Relay
Communication:	WiFi 802.11 b/g/n 2.4GHz
(Available for selected model)	Zigbee 3.0*
	BLE MESH 2.4GHz**
Max Current:	10A
Standby Power:	≤0.5W
Life Cycle:	50,000 times
Dimension:	105*45*42.5 mm

Single Pole - Without Neutral - WiFi

Input Power:	100-120V AC 60Hz
Control:	Relay
Communication:	WiFi 802.11 b/g/n 2.4GHz
Max Current:	10A
Standby Power:	≤0.5W
Life Cycle:	50,000 times
Dimension:	105*45*42.5 mm



Smart Dimmer Switch

Neutral Required - Single Pole & 3WAY - Zigbee WiFi BEL Mesh



Input Power:	100-120V AC 60Hz
Dimming Control:	Trailing Edge Cut
Communication:	WiFi 802.11 b/g/n 2.4GHz
(Available for selected model)	Zigbee 3.0*
	BLE MESH 2.4GHz**
Load:	< 430W Incandescent/Halogen
	< 250W LED
Standby Power:	≤0.5W
Life Cycle:	50,000 times
Dimension:	105*45*45 mm



Smart Switch

1 GANG



Smart Switch

2 GANG



Smart Switch

3 GANG



Smart Switch

4 GANG

Neutral Required - Single Pole - WiFi Zigbee BEL Mesh



Input Power:	200-240V AC 50/60Hz
load:	Incandescent: 1500W MAX
	CFL: 600W MAX
	LED: 600W MAX
Communication:	WiFi 2.4G
(Available for selected model)	Zigbee 3.0*
	BLE MESH**
Standby Power:	≤0.5W
Working Temperature	-10°C-45°C
Working Humidity	<90%RH
Life Cycle:	50,000 times
Dimension:	86*86*39.5mm

Without Neutral - Single Pole - Zigbee BEL Mesh

1 GANG 2 GANG 3 GANG

Line only Standard		Line only High Power	
Input Power:	200-240V AC 50/60Hz	Input Power:	200-240V AC 50/60Hz
load:	LED: 5-220W	load:	Incandescent: 5-280W
	CFL: 5-120W	Communication:	Zigbee 3.0*
	Incandescent: 5-400W	(Available for selected model)	BLE MESH**
Communication:	Zigbee 3.0*	Standby Power:	≤0.5W
(Available for selected model)	BLE MESH**	Working Temperature	-10°C ~ 45°C
Standby Power:	≤0.5W	Working Humidity	<90%RH
Working Temperature	-10°C ~ 45°C	Life Cycle:	50,000 times
Working Humidity	<90%RH	Dimension:	86*86*39.5mm
Life Cycle:	50,000 times		
Dimension:	86*86*39.5mm		



Scene Switch

1 Button



Scene Switch

2 Button



Scene Switch

3 Button



Scene Switch

4 Button

Battery - Zigbee BLE Mesh

1 Button 2 Button 3 Button 4 Button



Battery:	CR2430 3V DC
Communication:	ZigBee 3.0 / BLE MESH
Working Range:	25m open area
Working Temperature:	-10°C~45°C
Working Humidity:	<90%RH
Battery Life:	50,000 times
Dimension:	86*86*13mm



Human Sensor

Dry Contact / ELE

Neutral Required - Single Pole - WIFI BLE Mesh

Detection Method:	Frequency Modulated Continuous Wave
Mounting Height:	2~4m
Detection Range:when mounts 3m high:	A.Moving radius 5m; B.Stationary radius 3.5m
Detection Distance:	0~5.5m
Detection Sensitivity:	0~100%
Illumination Sensing:	0~32000lux
Product Size:	65*65*52.5mm
Hole Size:	Diameter 55mm



60G Human Sensor

Battery - Zigbee

Battery:	CR2430 3V DC
Detection Angle:	120°
Nearest Detection Distance:	0.3m*
Farthest Detection Distance:	8m*
Farthest Presence Distance:	6m*
*(Human body as a reference)	



Smart Button

Battery - Zigbee

Battery:	CR2430 3V DC
Communication:	ZigBee 3.0
Working Range:	25m open area
Working Temperature:	-10°C~45°C
Working Humidity:	<90%RH
Battery Life:	50,000 times
Dimension:	45*45*12.5mm



Smart knob

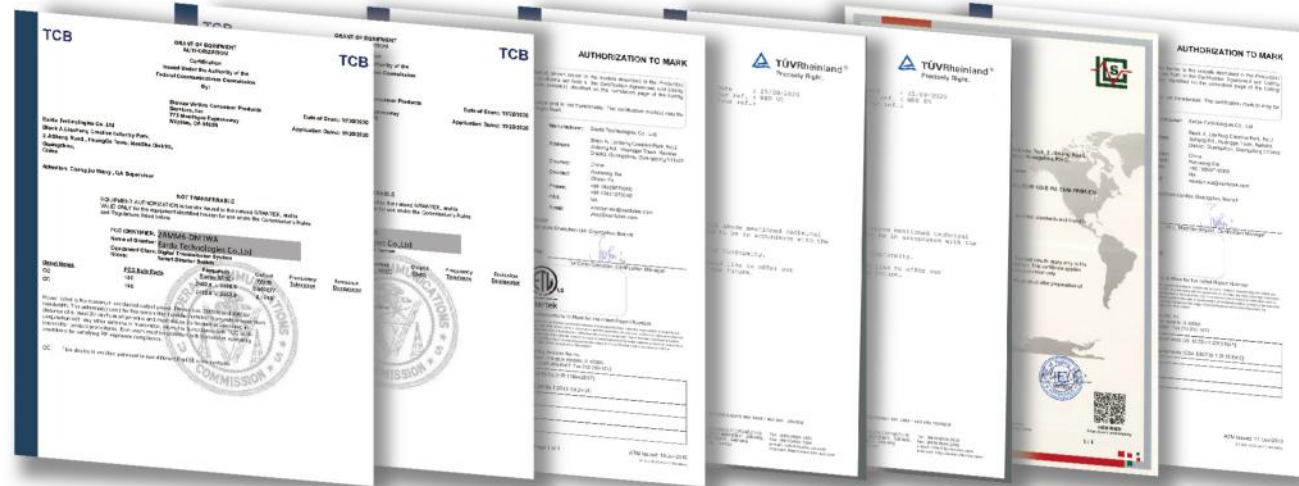
Battery - Zigbee



Battery:	CR2430 3V DC
Communication:	ZigBee 3.0
Working Range:	25m open area
Working Temperature:	-10°C~45°C
Working Humidity:	<90%RH
Battery Life:	50,000 times
Dimension:	40*40*29mm

Authoritative authentication

Multiple authoritative authentication, Available access to global market.



EARDATEK
Stock Code: 870780

RoHS CE FC  IC  