

# Product Specification



## Wireless Kinetic Switch Receiver Options



### Product Features

- Dimming and Non-Dimming options
- Works with the S-Tech Range of Wireless Switches and Key Fobs
- Wi-Fi Control (powered by Tuya)
- Works with a 2.4GHz enabled Wi-Fi Router
- Compatible with Google Home and Alexa
- NO power or batteries required
- Pair Multiple Switches with the one receiver for multi-way switching and dimming
- Pair one switch with up-to 5 receivers for combined switching or dimming of circuits
- Range: ≤30m Indoor, ≤80m Outdoor



#### Standard – 1 or 2 Channel

- Turns circuits ON/OFF, Multiple uses, not only for lighting

#### Dimmable – 1 Channel

- Suitable for dimming, Dims most triac dimmable lights

#### Contact Relay – 1 Channel

- Provides latched volt free closed contact for 2 seconds
- Ideal for garage doors, gates, door access, commercial doorbells or remote switching of devices

### Specification Overview



Model	Type	Dimensions	Comments
KIN-R1-STD	Standard Receiver – 1 Channel	82 x 52 x 24mm	Max Load: 1000w, Not suitable for dimming.
KIN-R2-STD	Standard Receiver – 2 Channel	82 x 52 x 24mm	Max Load: 1000w/channel, Not suitable for dimming.
KIN-R1-DIM	Dimmable Receiver – 1 Channel	82 x 52 x 24mm	Max Load: 1000w, Suitable for dimming
KIN-R1-CR	Contact Relay (2 sec) – 1 Channel	82 x 52 x 24mm	Max Load: 5A

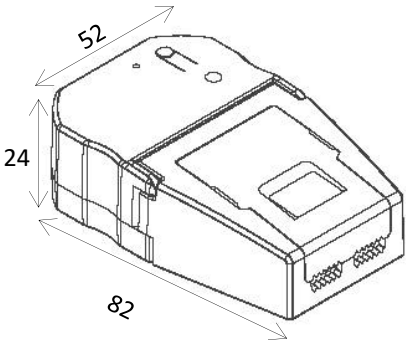
Wireless Kinetic Switch

Receiver – Standard 1 or 2 Channel

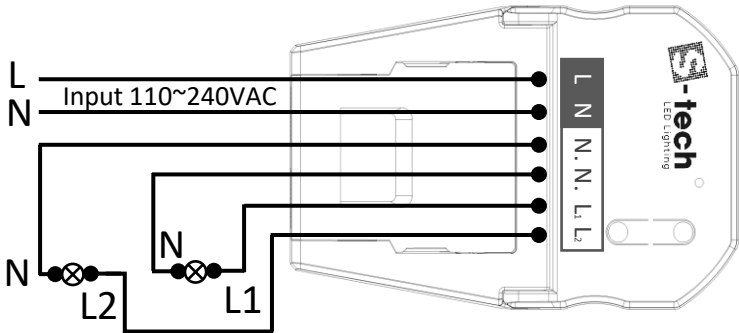


Model	Type	Dimension (L x W x H)	Weight
KIN-R1-STD	Standard Receiver – 1 Channel	82 x 52 x 24mm	63g
KIN-R2-STD	Standard Receiver – 2 Channel		

Specification			Dimensions
Power Input	110~240VAC	Housing	Polycarbonate and ABS
Dimmable	No	Housing Colour	White
Maximum Load per channel	300w LED 1000w Resistive*	Operation Temperature	-20 °C to +50°C
Standby Power	<0.8w		
Communication Frequency	RF 433MHz	Control Distance	20m (indoor) 80m (outdoor)
Wi-Fi	2.4GHz		
Protection Rating	IP20	Warranty	3 Years



\* Resistive Load – An electrical device or circuit element that coverts electrical energy into heat or light without storing or creating a magnetic field, and it has a resistance that is constant and independent of frequency. Common examples of resistive loads are incandescent light bulbs, electric stoves, and electric heaters.



Switch Options



**Aussie Mech Wall Switch**  
- Fits in standard wall plates  
Model: KIN-SW-AU



**Wide Wall Switch – 1 Gang**  
- Suitable for dimming with dimming compatible receivers  
Model: KIN-SW-W-W



**Narrow Wall Switch – 1 Gang**  
- Join more together to make a multi-gang wall switch  
Model: KIN-SW-N-W



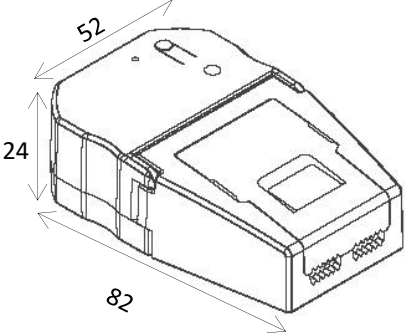
**Key Fob Switch**  
Model: KIN-SW-K1-B

Specifications are subject to change without notice

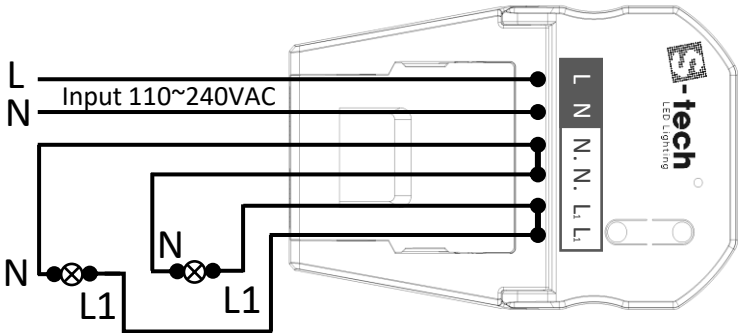


Wireless Kinetic Switch  
Receiver – Dimmable 1 Channel

Model	Type	Dimension (L x W x H)	Weight
KIN-R1-DIM	Dimmable Receiver – 1 Channel	82 x 52 x 24mm	63g

Specification				Dimensions
Power Input	110~240VAC	Housing	Polycarbonate and ABS	
Dimmable	Yes, with dimming compatible Wireless Switches and Wi-Fi	Housing Colour	White	
Maximum Load per channel	80w LED 150w Resistive*	Operation Temperature	-20 °C to +50°C	
Standby Power	<0.8w			
Communication Frequency	RF 433MHz	Control Distance	20m (indoor) 80m (outdoor)	
Wi-Fi	2.4GHz			
Protection Rating	IP20	Warranty	3 Years	

\* Resistive Load – An electrical device or circuit element that coverts electrical energy into heat or light without storing or creating a magnetic field, and it has a resistance that is constant and independent of frequency. Common examples of resistive loads are incandescent light bulbs, electric stoves, and electric heaters.



Switch Options



**Aussie Mech Wall Switch**  
- Fits in standard wall plates  
Model: KIN-SW-AU



**Wide Wall Switch – 1 Gang**  
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**Narrow Wall Switch – 1 Gang**  
- Join more together to make a multi-gang wall switch  
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**Key Fob Switch**  
Model: KIN-SW-K1-B

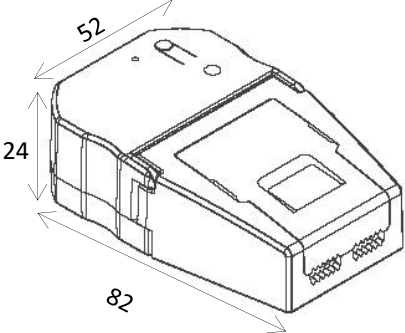
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Wireless Kinetic Switch

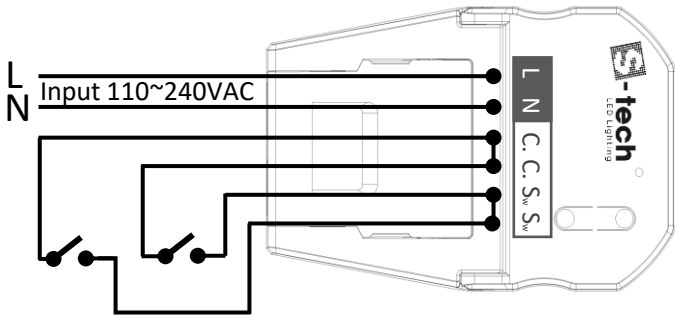
Receiver – Contact Relay 1 Channel



Model	Type	Dimension (L x W x H)	Weight
KIN-R1-CR	Contact Relay – 1 Channel	82 x 52 x 24mm	63g

Specification				Dimensions
Power Input	110~240VAC	Housing	Polycarbonate and ABS	
Dimmable	No	Housing Colour	White	
Maximum Load per channel	VOLT FREE CONTACT, Max. current 4A*	Operation Temperature	-20 °C to +50°C	
Standby Power	<0.8w			
Communication Frequency	RF 433MHz	Control Distance	20m (indoor) 80m (outdoor)	
Wi-Fi	2.4GHz			
Protection Rating	IP20	Warranty	3 Years	

\* This receiver output is a **VOLT FREE CONTACT** and must not be used to switch 100~240VAC loads. To use this product to switch larger loads, use and external relay / contactor.



Switch Options			
	<b>Aussie Mech Wall Switch</b> <ul style="list-style-type: none"><li>- Fits in standard wall plates</li></ul> Model: KIN-SW-AU		<b>Wide Wall Switch – 1 Gang</b> <ul style="list-style-type: none"><li>- Suitable for dimming with dimming compatible receivers</li></ul> Model: KIN-SW-W-W
	<b>Narrow Wall Switch – 1 Gang</b> <ul style="list-style-type: none"><li>- Join more together to make a multi-gang wall switch</li></ul> Model: KIN-SW-N-W		<b>Key Fob Switch</b> Model: KIN-SW-K1-B

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