

### ENGINEERING SPECIFICATION

### 工程規格書

客戶 / CUSTOMER	:	
產品名稱 / ITEM	:	Three KEY KINETIC SWITCH
顏色/Colour	:	White
客戶編號 / CUSTOMER P/N	:	
擎洲样品申请单号/Samples request No	:	
擎洲产品型號 / OUR MODEL NO.	:	HEK0000248
標準 / STANDARD	:	
額定 / RATING	:	Lifetime>120000 times
備注 / REMARKS	:	RoHS STANDARD

根據本公司政策規定,貴司必須於該產品首次生產之前簽回我司規格書的首頁、銘牌共二頁,以確認該產品之規格。

另外,請貴司於下單時在採購單上打上本公司產品編號以及样品单编号,以避免生產錯誤。

如貴司未能如期簽回規格書,我司將無法為該產品安排生產。

為免延誤貴公司之出貨時間,請貴司通力合作。

Based on the policy of our company ,all buyers MUST return this product specification sheets along with signature And company chop. Please study very carefully and sign the page of Engineering Specification /Nameplate for product confirmation. And also, please mark our products Model No and Samples request No while the PO issue.

NOTICE: This is very important to have this specification sheets confirmed and return to us on time to avoid any mistake Or delay of delivery. Without your confirmation, Letaron Electronic would not arrange to start the production for your company.

版本 REV.	描述/DESCRIPTION	日期 DATE	制作人 PREPARED BY
00	首次發行/FIRST ISSUE	2021/10/12	肖华臣

#### 擎洲/LETARON

	制作 Prepared	检查 Checked	核准 Approved
签名 Signature	肖华臣	徐权	
日期 Date	2021.10.12	2021.10.12	

#### 客戶/CUSTOMER

確認  
Approved by

日期  
Date

(簽字或公司蓋章)  
(Signature and company stamp)

## 1. Environment(环境):

working temperature of  $-20^{\circ}\text{C}\sim 55^{\circ}\text{C}$ , 10%~90%RH (without dew point);

(工作温度  $0^{\circ}\text{C}\sim 45^{\circ}\text{C}$ , 湿度 10%~90%RH (无凝露));

Storage temperature:  $-20^{\circ}\text{C}\sim 85^{\circ}\text{C}$ , 10%~90%RH (without dew point);

(存储温度  $-20^{\circ}\text{C}\sim 85^{\circ}\text{C}$ , 湿度 10%~90%RH (无凝露));

## 2. Instruction(用法说明):

2-1. Indoor use only. (仅供室内使用)

2-2. Installation shall be done by qualified technician. (要有一定专业知识的人才能安装).

2-3. Maximum ambient temperature  $45^{\circ}\text{C}$ , 最大工作环境温度  $45^{\circ}\text{C}$

## 3. Advantages and Characteristics(优势与特征):

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### ◆ 开关自发电、无需电池 The switch is self generating without battery

开关采用 MEA 微能量采集发电技术, 通过对开关的轻按的动能高效转化成电能

The switch adopts MEA micro energy collection and power generation technology, which can efficiently convert the kinetic energy of the switch into electric energy by gently pressing it

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### ◆ 可靠无线通信、无需布线 Reliable wireless communication without wiring

基于 ISM (Industrial Scientific Medical) 频段, 搭载 Ebelong1.1 版本的可靠通讯协议

Based on ISM (Industrial Scientific Medical) frequency band, equipped with Ebelong1.1 reliable communication protocol

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### ◆ 多种安装方式、易装易用 Multiple installation methods, easy to install and use

开关能通过双面胶直接粘贴, 或者使用螺丝锁定于 86 型线盒内 The switch can be directly pasted with double-sided adhesive tape or locked in the 86 type junction box with screws

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### ◆ 多种组合控制、轻松实现双控多控 Multiple combination control, easy realization of double control and multiple control

通过与控制器配对, 轻松实现双控、多控一、一控多

By pairing with the controller, it is easy to achieve dual control, multiple control and multiple control

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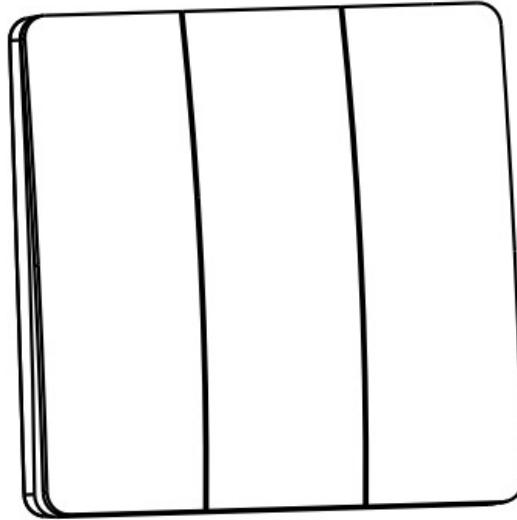
### ◆ 多种控制方式、完美融合智能家居 Multiple control modes, perfect integration of smart home

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使用 WiFi 控制器, 可轻松实现手机 APP 控制和天猫精灵语音控制

**Using WiFi controller, you can easily realize mobile phone APP control and Tmall Genie voice control**

#### 4. Externality figure (外形图):



#### 5. Production test specification (生产测试规格):

序号 item	项目 project	参数 parameter
1	工作类型 Type of work	回弹式 Rebound type
2	电源模式 Power mode	动能自发电 Kinetic energy self generation
3	通信模式 Communication	FSK
4	工作频率 working frequency	433MHZ
5	按键数量 Number of keys	three key
6	颜色分类 Color classification	ivory Space silver Champagne gold
7	使用寿命 Lifetime	>12000 times



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8	工作温度 working temperature	-20~55℃
9	外观尺寸 dimension	L86mm*W86mm*H16.3mm
10	产品重量 Weight	86g
11	发射距离 Transmitting distance	10M(indoor)
12	通信协议 communication protocol	Ebelong1.1
13	外壳材质 Shell material	PC ABS(工程灰)
14	安装方式 installation	粘贴安装 Paste 螺丝锁定安装 Screw lock (可锁定于 86 型底盒) (It can be locked on the 86 type bottom box)
15	执行标准 Standard	EN61058-1;2002+A2;2008; GB 14536.1-2008