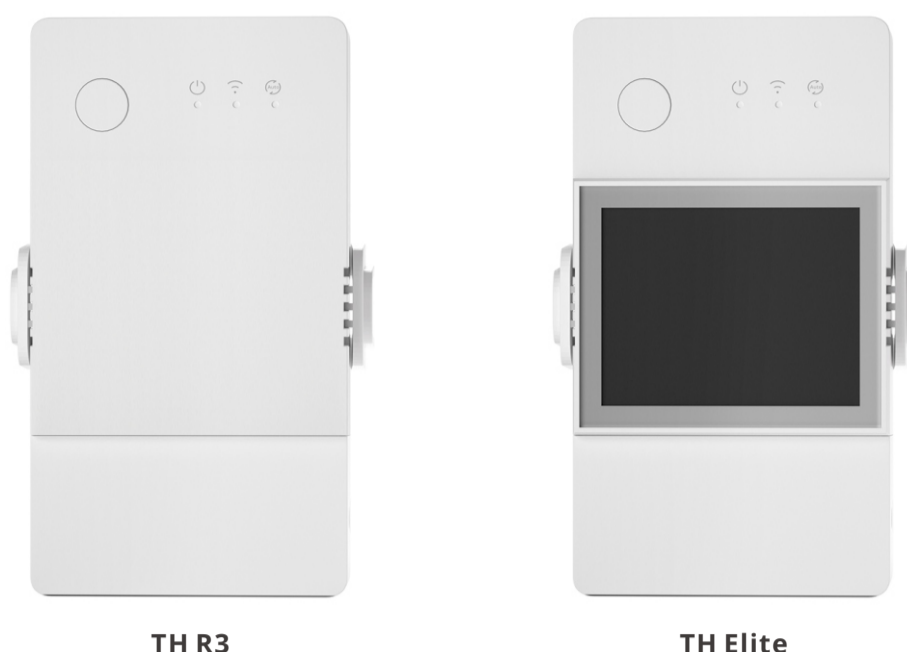


## 产品参数表 Product Specification

# TH R3/Elite

Wi-Fi智能开关模块(温湿度监测)/Smart Temperature and Humidity Monitoring Switch



TH R3

TH Elite

### 基本信息 Basic Information

产品系列 Product series	DIY 改装件 DIY smart switch
产品类型 Type	TH智能开关 TH Smart switch
产品型号 Model	THR316, THR320, THR316D, THR320D
输入 Input	THR316, THR316D: 100-240V ~ 50/60Hz 16A Max THR320, THR320D: 100-240V ~ 50/60Hz 20A Max
输出 Output	THR316, THR316D: 100-240V ~ 50/60Hz 16A Max THR320, THR320D: 100-240V ~ 50/60Hz 20A Max
干接点输出 Dry contact output	5-30V, 1A Max
MCU	ESP32
产品认证 Certification	TUV/CE/UKCA/WWA/FCC/RoHS/SRRC

### 外观信息 Appearance

产品颜色 Color	白色 White
产品规格 Product size	THR316, THR320: 98x54x27.5mm THR316D, THR320D: 98x54x31mm
包装规格 Package size	THR316, THR320: 105x64x35mm THR316D, THR320D: 105x64x39mm
产品净重 Net weight	THR316D, THR320D: 120g
总重量 Total weight	THR316D, THR320D: 150g
外壳材质 Casing material	PC V0

### 功能特性 Features

产品特点 Functions	TH R3/Elite是一款带温湿度检测的智能开关改装件,需连接配套的温湿度传感器一起使用。 TH R3/Elite is a DIY smart switch with temperature and humidity monitoring, and required to use with the temperature and humidity sensors correspondingly.
App 支持平台 App operating systems	Android & iOS

### 无线标准 Wireless Standard

Wi-Fi	IEEE 802.11 b/g/n 2.4GHz
天线 Antenna	内置FPC天线 FPC board with antenna
安全机制 Security mode	WPA/WPA2
加密类型 Encryption type	WEP/TKIP/AES

### 使用环境 Working Environment

适用场所 Applicable place	室内使用 Indoor
工作温度 Working temperature	-10°C ~ 40°C
工作湿度 Working humidity	5%-95% RH, 无冷凝 5%-95% RH, non-condensing
工作海拔 Working height	2000米以下 Less than 2000m

### 安装信息 Installation

设备安装 Installation method	防水盒或导轨安装 Installation of waterproof box or guide rail
接线方式 Wiring way	零线和火线 N and L
电源接线线径范围 Power cord wiring diameter	THR316, THR316D: 1~4mm <sup>2</sup> (17~11AWG) THR320, THR320D: 1.5~6mm <sup>2</sup> (15~10AWG)
干接点接线线径范围 Dry contact wiring diameter	THR316D, THR320D: 0.13~0.5mm <sup>2</sup> (26~20AWG)

### 兼容的传感器设备 Compatible Sensors

温湿度传感器 Temperature and humidity sensor	THS01, Si7021, AM2301
防水温度传感器 Waterproof temperature sensor	DS18B20
土壤湿度传感器 Soil moisture sensor	MS01

\* 使用传感器时,可通过接入传感器延长线(RL560),将传感器放在所需的位置。

\* You can connect SONOFF RL560 sensor extension cable to the sensor to monitor the humidity level in an ideal position.