产品参数表　Product Specification

TH10/TH16

Wi-Fi智能开关模块（温湿度监测）/Wi-Fi Smart Switch with Temp. & Hum. Monitoring

Si7021   DS18B20 ▶

基本信息　Basic Information

产品系列 Product series	DIY改装件 DIY smart switch
产品类型 Type	开关模块 Smart switch module
工作电压 Voltage	100-240V AC 50/60Hz
最大负载 Max. Load	TH10: 10A/2200W　TH16: 15A/3500W
MCU	ESP8266
产品认证 Certification	CE/FCC/ROHS

外观信息　Appearance

产品颜色 Color	白色 White
尺寸规格 Dimension	114x51x32mm
产品净重 Weight	76g
外壳材质 Casing material	PC V0

功能特性　Features

产品特点 Functions	远程控制、智能定时/延时、语音控制、分享功能、智能场景、温度检测、湿度检测、上电状态设置、局域网功能 Remote control, single/countdown timing, voice control, share control, smart scene, Temp. Monitoring, Hum. Monitoring, Power-on State, LAN control
支持平台 Operating systems	Android & iOS

无线标准　Wireless standard

Wi-Fi	IEEE 802.11 b/g/n 2.4GHz(2400M - 2483.5M)
天线 Antenna	内置板载天线 PCB 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 Enviroment

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	表面安装（支持使用配件：DR轨道配合安装） Surface installation (Also match DR rail tray to install)
固定模式 Installation type	通过螺钉固定 Screws installation
接线方式 Wiring way	零火 N and L
接线线径范围 Wire diameter	Φ 0.5-1.5mm(24-14AWG)

兼容的传感器设备　Compatible Sensors

温湿度传感器 Temperature and humidity sensor	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(AL560)，将传感器放在所需的位置。
* You can connect SONOFF AL560 sensor extension cable to the sensor to monitor the humidity level in an ideal position.

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