SOCKET

PLUG ADAPTER

A wireless, remote-controlled smart socket that enables easy switching and management of connected electrical devices and appliances through the ProSAFE mobile app, with support for both bistable and pulse signaling. It provides protection against overcurrent, overvoltage or overheating. The socket can measure voltage, current, power or temperature and generate detailed information on the energy consumption of connected devices.



Data Encryption with AES Algorithm with Floating Code

The SAFEKeeper encrypted communication protocol ensures maximum protection of the security system.

Radio Signal Range up to 1600 m

Stable and efficient communication with a range of up to 1600 m in open space.

Bidirectional Information Transfer between Devices

Uninterrupted interaction between the central unit and devices using AES128 encryption.

Adjustable NC/NO Relay Output Contact

Contact operation is based on the user's instruction via the ProSAFE application, or fully automatically according to the automation scenario.

Power Supply 100-240 V AC, 50/60 Hz

A smart solution for remote control of electrical devices through the ProSAFE app with power between 100 and 240 V AC.

Automation and Control Scenarios for Electrical Devices

Using scenarios, actions can be programmed to respond to alarm events or operate according to a predefined schedule.

Firmware Update via Cloud Services

Adding new features, enhancing software security and expanding the security system capabilities.

Protection Against Overvoltage and Overheating

The Socket is equipped with advanced overvoltage and overtemperature protection.

Managing Relays with the ProSAFE Mobile App

The Socket switches an electrical circuit on or off and controls power delivery based on user commands issued through the ProSAFE app.

Protection Against Radio Signal Interference

If signal interference is detected, the user is alerted, and the device automatically switches to a clear frequency band.

Add a Device to the System by Scanning a QR Code

Adding a Socket is simple with the ProSAFE app. Just scan the device's unique QR code and configure the required functions.

Power Metering Functions

Due to the integrated electricity meter, it shows the energy usage of connected devices.

Technical Specifications - Socket

Model Identification

SAFE 38220	White EAN code - 0728204234921

Interface

Indication	1× green LED
Button	1x button, performs multiple operations
Relay Output	1x NO/NC (100 – 240 VAC, max. 16 A)

Function

Data Monitoring	Temperature, input voltage, input current, input power, power consumption
Output Type	NO / NC
Output Mode	Bistable / Pulse
Warning protection	Overload, overvoltage and overtemperature
Remote Update	Yes (Cloud)
Search	Signal strength detection

Wireless Transmission

Carrier Frequency	868.0 MHz – 868.6 MHz
Maximum Power	Limit 25 mW
Communication Type	Bidirectional
Communication Distance	Up to 1,600 m (5249.34 ft) in open space
Encryption Mode	AES128
Frequency Hopping	Yes (automatic)

General

Usage	Indoor
Installation	Plug Adapter
Power Supply	100 – 240 V AC, 50 / 60 Hz
Output Power	100 – 240 V AC, max. 16 A
Power Consumption	0.3 W
Current measurement accuracy	Protection range: 0 A - 16 A Measurement accuracy: level 1.0 and above
Voltage measurement accuracy	Protection range: 0 V - 250 V Measurement accuracy: level 1.0 and higher
Temperature measurement accuracy	Protection range: 0 °C - 55 °C Measurement accuracy: ±2 % or ±2 °C
Degree of Protection	IP20
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F) (indoors)
Operating Humidity	10 % to 90 % (RH), non-condensing
Product Dimensions	52 mm × 52 mm × 82 mm (2.05“ × 2.05“ × 8.32“) (L × W × H)
Package Dimensions	
Weight (net)	83 g (0.18 lb)
Weight (gross)	
Housing Material	PC
Compatibility	Hub 2 Plus LTE SAFE 38300
Compliance	CE Protection Class I
Warranty	36 months

Remote and Manual Control

The Socket can be operated directly using the button on the device or controlled remotely via the central control panel and the intuitive ProSAFE app. It can be easily integrated into automation scenarios—for example, you can configure it to react to alarm events or switch according to predefined schedules.

Upgrade Your Home to Smart in Minutes

The SAFE Socket transforms any home into a smart environment in no time. Simply plug it into a standard electrical outlet and connect your desired appliance. Its versatility lets you conveniently and safely control a wide range of household devices based on your needs. Switch selected appliances—or your entire setup—on or off from anywhere in the world. With the ProSAFE app, you maintain complete control over your connected devices at all times.

Energy Consumption Under Control

The Socket SAFE smart wireless socket with integrated power metering introduces brand-new options for controlling your household appliances. It not only allows you to switch connected devices on and off remotely with ease but also delivers detailed insights into voltage, current, power, and overall energy consumption. Through the intuitive ProSAFE app, you gain real-time and cumulative overviews of how much energy each connected appliance uses. This helps you optimize your household operations, identify unnecessary consumption, and reduce your energy costs. With these capabilities, the SAFE Socket becomes the ideal solution for anyone seeking complete control over their home and efficient energy management.

Maximum Reliability and Safety

The Smart Socket is engineered with an uncompromising focus on safety and long-term reliability. It features advanced protection against overvoltage, overcurrent and overheating. If any irregularity occurs, the socket instantly detects the issue and sends an immediate notification to your phone via the ProSAFE app.

PRO SAFE

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