

AVE Smart 44 connected wiring accessories series with Wi-Fi Mesh technology

Pure technological beauty: an innovative IoT solution, where each device is the potential gateway to the system.

The **AVE Smart 44 connected wiring accessories series** is born, a combination of style and innovation that meets the needs of modern smart homes and professionals, offering a **complete range** of products, supported by the **ultra-thin design** of the Smart 44 front plates' collection and the **Wi-Fi Mesh technology**.

It's a new IoT solution based on a **double wireless technology** (Wi-Fi® Mesh Domina Smart IoT & Wi-Fi® standard IEEE 802.11 for connectivity to the home router) which guarantees reliability and security. **The installation is optimized:** the devices communicate directly with each other as each device can be the gateway to the system. **The configuration is simplified:** the application guides the user step by step. **The maintenance is smart:** each device can be monitored and updated remotely. **The control is immediate:** thanks to the Wi-Fi direct mode, it's possible to activate the system even without a router and Internet connection.

The quantity of products is a further added value. The Smart 44 series with Wi-Fi Mesh technology includes various solutions, such as the connected two-way switch, the connected roller shutter switch and the relay for managing lights and controlled sockets. **Multi-Touch commands** and DIN rail devices are also available for **loads' control**. The range will be further expanded over the next few months, with important products that will make it even more innovative and attractive on the market.

Smart 44 devices boast another feature, the **double command mode:** a short press corresponds to the implementation of the local load, while a more prolonged one allows you to recall the execution of the scene. Each device can in fact recall one of the 16 available scenes, where each device can be associated with each of them for the creation of **IoT scenes** that can also be activated and recalled from the **Ave Cloud app**. Therefore, **the AVE system doesn't require additional scenario modules**, but it's the two-way switch itself that performs this function. The Smart 44 devices allow you to **monitor home consumption** in an easy and intuitive way and - thanks to the new IoT economizer - it's possible to manage loads **controlling also photovoltaic production**.

The AVE Smart 44 connected wiring accessories series marks an important evolution in the **IoT systems** and more. In fact, it's optimal for implementing smart functions in **traditional systems** and for completing **DOMINA Smart IoT home automation** systems. Integration with wired home automation is achievable thanks to the Web Server with a few simple steps directly from the Ave Cloud app; it's also possible to associate it with **AVE anti-intrusion** control units equipped with Web Server.

The AVE series with Wi-Fi Mesh Technology is presented in combination with the new **ultra-thin Smart 44 front plates**, that are already available in the traditional versions with window, touch and sliding one for hidden sockets. Smart 44 elements are compatible with all AVE S44 front plates, while the Multi-Touch solutions can be combined with Ave Touch front plates; in this way greater possibilities of integration and customization on an aesthetic level are guaranteed.

A bio-inspired approach: the Smart 44 series was designed using nature as a model in order to create an energetically sustainable system that is adaptable to a constantly changing environment, such as the smart home. Each IoT device can in fact be configured as an "access point" for programming via smartphone and ready to be used even offline.

The AVE Smart 44 connected wiring accessories series is the result of research and work alongside professionals to offer them products closer to market expectations, but also quality and solutions that facilitate their daily work. A new generation technology that allows the creation of advanced systems that are easy to configure, maintain and propose, increasingly connected to the smart needs of people.

Rezzato, May 19, 2022

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