

Smart 44 IoT relay for load and consumption control

The 53ECOR16A-W device allows you to command and monitor a load connected to it, to measure its power accounting the energy.

AVE is launching a new device of the Smart 44 connected wiring accessories series equipped with the innovative Wi-Fi Mesh technology: the **53ECOR16A-W wireless electronic relay**.

This is a 2-module DIN-rail relay, which allows you **to control and monitor a load** either locally or remotely. The device can directly control loads up to 16 A, **measure power and energy** using the included amperometric transformer. The new 53ECOR16A-W electronic relay is capable of measuring up to 6kW of power absorbed by the load.

Like all devices of the AVE connected wiring accessories series, **the 53ECOR16A-W doesn't require any communication gateway**. 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 local router) which guarantees reliability and security. The installation is optimized: the devices communicate directly between each other as each device can be the gateway of 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: using the Wi-Fi direct mode, it's possible to activate the system even without a router and Internet connection.

The new **AVE IoT relay for load and consumption control** represents an important novelty for the AVE connected wiring accessories series, a solution increasingly requested by the market, which **can also be integrated with professional wired home automation**.

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