AVS electronics
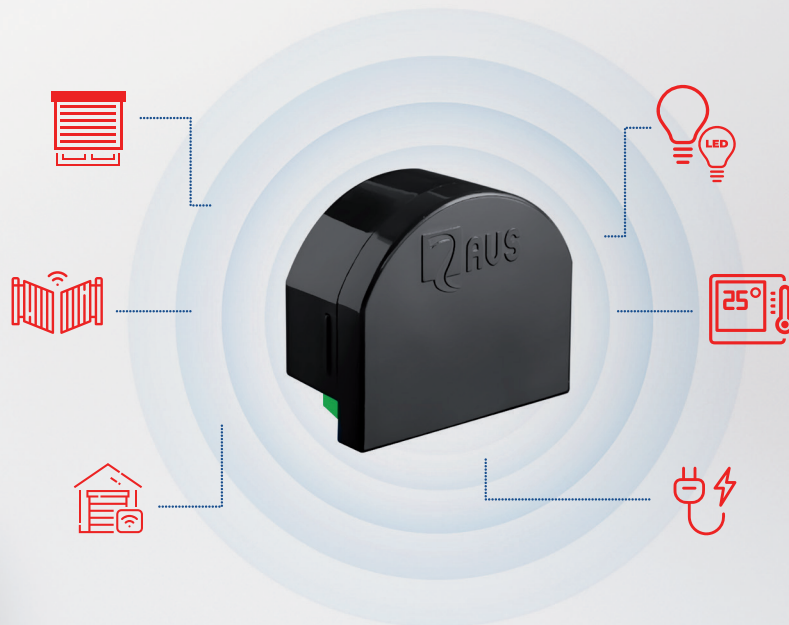
RIELLO ELETTRONICA

ITALIAN SECURITY MANUFACTURER

myAVS *domotics*

The smart, professional and secure management system to control houses and activities in real time, even remotely.

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WELCOME
TO WIRELESS
SMARTHOME

The **flexibility of the wireless technology**, combined with the small size of the dedicated modules, **allows to easily integrate Home Automation in any system**, ensuring more security, more comfort, total control of your home and with a consequent **reduction in energy consumption**.

The range of Home Automation modules includes 4 different models: 1 module having a power relay, 1 with 2 power relays, 1 module dedicated to shutter management and one for dimmer control (light).

The bidirectional communication technology of the **new generation wireless system**, the dynamic management of transmissions power, the automatic frequency change at each transmission, combined with the **repeater function available in each module**, make the system reliable, without any range limits.

The modules allow to activate their own relay, to activate commands towards other modules, to activate scenarios, open control panel zones or activate output. **Each module integrates the temperature control** (with the chrono thermostat function) and the **electric loads management with the automatic release of the modules when the maximum power available in the electrical system is reached**.

Greater comfort in any environment thanks to the personalized adjustment of light, temperature and energy consumption with protection in case of overload or anomalies. Everything is supervised by AVS multifunction control panels.

Scenarios and activation rules, programmable by the end user, make the system flexible and customizable with the **full control via the APP MyAVSAlarm**.

A Home Automation **always connected to the MyAVS Cloud**, compatible with both GOOGLE HOME and ALEXA.

Website

Code	Item - Features

1120136   MDS 201

Wireless 1 relay home automation module

Wireless module with one 10A output. It allows turning on or off any electrical device having 230 VAC power supply. The module can be controlled by AVS control panels by APP or by a remote control in stand-alone mode. It also allows electric loads management and environmental temperature measurement through the temperature probe cod. ST015 (optional).
Technical data: One relay home automation module with load management - 10A / 250VAC output (cos φ = 1) - Pulse or Bistable output - AC or DC power supply (100-250VAC, 50 / 60Hz, 24 -40VDC) - Output power: 2300W (230VAC) / 240W (24VDC) - 3 inputs (type: push button or 2 way-switch) for local control (n°1) or to send radio commands to the control panel (n°2) - 1 input for temperature probe (optional) - Integrated electrical power, voltage and current meter - Monitoring of anomaly conditions and disconnection in case of overload - Can be controlled locally by dedicated input, remotely by APP, from keypad or with AVS remote controls (max 8) - Thermostat function - Load release function with priority managed by the user.
ELECTRICAL PROTECTION: for the best electrical protection, you must connect the fuse to the module cod. 1187111

Wireless features: Application: indoor - Frequency: FM 868 MHz - multi frequency - Bi-directional - Radio coverage: up to 200 m in open field - Integrated radio repeater function - Data sent: Output State - Inputs state - Environmental temperature (0,1°C with optional probe) - Integrated electrical power, voltage and current meter - self test - Module type - Easy programming: self- learning on CP - Module parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Dimensions (LxHxD): 44 x 39 x 20 mm - Compatibility: RAPTOR control panels / CAPTURE/ XTREAM with XSAT WS4, XSAT WS4 PRO, XSAT WS4 VIDEO.

1120137   MDS 202

Wireless 2 relays home automation module

Wireless module with 2 outputs, 4A each. It allows turning on or off any electrical device having 230 VAC power supply. The module can be controlled by AVS control panels by APP or by a remote control in stand-alone mode. It also allows electric loads management and environmental temperature measurement through the temperature probe ST015 (optional).
Technical data: Two relays smart home automation module with load management - n°2 4A / 250VAC outputs (cos φ = 1) - Pulse or Bistable output - AC or DC power supply (100-250VAC, 50 / 60Hz, 24 -40VDC) - Output power: 2x920W (230VAC) / 2x96W (24VDC) - 1 input (type: push button or 2 way-switch) for local control - 1 input for temperature probe (optional) - Integrated electrical power, voltage and current meter (only for 1 output) - Monitoring of anomaly conditions and disconnection in case of overload - Can be controlled locally by dedicated input, remotely by APP, from keypad or with AVS remote controls (max 8) - Thermostat function - Load release function with priority managed by the user.
ELECTRICAL PROTECTION: for the best electrical protection, you must connect the fuse to the module cod. 1187111

Wireless features: see characteristics on MDS 201 module.

1120138   MDR 201

Wireless rolling shutter home automation module
(Module + 2 Snubber)

Wireless roller shutter home automation module that allows to control rollers, venetians blinds, blind motors, having 230 VAC power supply, with electric loads management and environmental temperature measurement through the temperature probe cod. ST015 (optional). The module can be controlled by AVS control panels, by APP or by a remote control in stand-alone mode.
Technical data: Rolling shutter module with load management - n°2 4A / 250VAC outputs (cos φ = 1) - Pulse or Bistable output - AC or DC power supply (100-250VAC, 50 / 60Hz, 24 - 40VDC) - Output power: 2x920W (230VAC) / 2x96W (24VDC) - 1 input (type: push button or 2 way-switch) for local control - 1 input for temperature probe (optional) - Integrated electrical power, voltage and current meter - Monitoring of anomaly conditions and disconnection in case of overload - Can be controlled locally by dedicated input, remotely by APP, from keypad or with AVS remote controls (max 8) - Thermostat function - Load release function with priority managed by the user.
ELECTRICAL PROTECTION: for the best electrical protection, you must connect the fuse to the module cod. 1187112

Wireless features: see characteristics on MDS 201 module

1120139   MDD 201

Wireless dimmer home automation module
(Module + 1 Snubber)

Wireless module with dimmer function to set and manage lights in gradual mode. It also allows electric loads management and environmental temperature measurement through the temperature probe ST015 (optional). The module can be controlled by AVS control panels by APP or by a remote control in stand-alone mode.
Technical data: Dimmer module with load management - 1A / 250VAC output (cosφ = 1) - Pulse or Bistable output - AC or DC power supply (100-250VAC, 50 / 60Hz, 24 -40VDC) - Output power: 230W (230VAC) / 24W (24VDC) - 1 input (type: push button or 2 way-switch) for local control (n°1) or to send radio commands to the control panel (n°1) - 1 input for temperature probe (optional) - Integrated electrical power, voltage and current meter - Monitoring of anomaly conditions and disconnection in case of overload - Can be controlled locally by dedicated input, remotely by APP, from keypad or with AVS remote control (max 8) - Thermostat function - Load release function with priority managed by the user.

ELECTRICAL PROTECTION: for the best electrical protection, you must connect the fuse to the module cod. 1187113

Wireless features: see characteristics on MDS 201 module

OUTPUTS EXTENSION MODULE ON BUS

Code	Item - Features

1120141   MR4 PW

Outputs extension module 4 outputs on BUS RS485

Outputs: 4 configurable as: NC, NO – Relay contact 4A/250VAC for single relay with 8A maximum - Bus connection: RS485 - Supply voltage:13.8 Vdc 100 mA – Dimensions (LxHxD): 81 x 77 x 28 mm – Supplied with DIN bar supports - Compatible with control panels: CAPTURE 8 /16 / 32/64/128 - RAPTOR - XTREAM

ACCESSORIES FOR WIRELESS HOME AUTOMATION MODULES

1120140   MST 015

Temperature probe

The temperature probe can be connected to any wireless home automation module of MD series. It allows the remote measurement of environmental temperature, the temperature of an object's surface or of a pipe. It is supplied with a 15 cm connection cable and a connector to connect it directly to a module of the MD series. The probe detects temperatures between -25°C and +80°C. Thanks to the module, it is possible to define automation scenarios by setting the temperature thresholds.
Technical data: Temperatures from - 25° C up to + 80° C - Color: white - Probe cable length ~ 15 cm - Compatibility: smart home wireless modules.

MST 015

1187111   FMDS

Fuse holder with replaceable fuse for smart home wireless modules MDS 201/MDS 202 – pack of 5 pcs

Slow blow fuse 12A 250VAC - Breaking Capacity 1500A - Pack of 5 pcs - Compatibility: wireless modules MDS 201 - MDS202 - Dimensions: 5x20 mm.
For the best electrical protection, you must connect the fuse to the module.

1187112   FMDR

Fuse holder with replaceable fuse for smart home wireless modules MDR 201 – pack of 5 pcs

Slow blow fuse 5A 250VAC - Breaking Capacity 1500A - Pack of 5 pcs - Compatibility: wireless modules MDR 201 - Dimensioni: 5x20 mm.
For the best electrical protection, you must connect the fuse to the module.

FMDS
FMDR
FMDD

1187113   FMDD

Fuse holder with replaceable fuse for smart home wireless modules MDD 201 – pack of 5 pcs

Slow blow fuse 1,5A 250VAC - Breaking Capacity 1500A - Pack of 5 pcs - Compatibility: wireless modules MDD 201 - Dimensioni: 5x20 mm.
For the best electrical protection, you must connect the fuse to the module.

1187114   SNUBBER

Spark killer for roller shutter and dimmer wireless modules. Pack of 5 pcs.

SNUBBER

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