AVS electronics
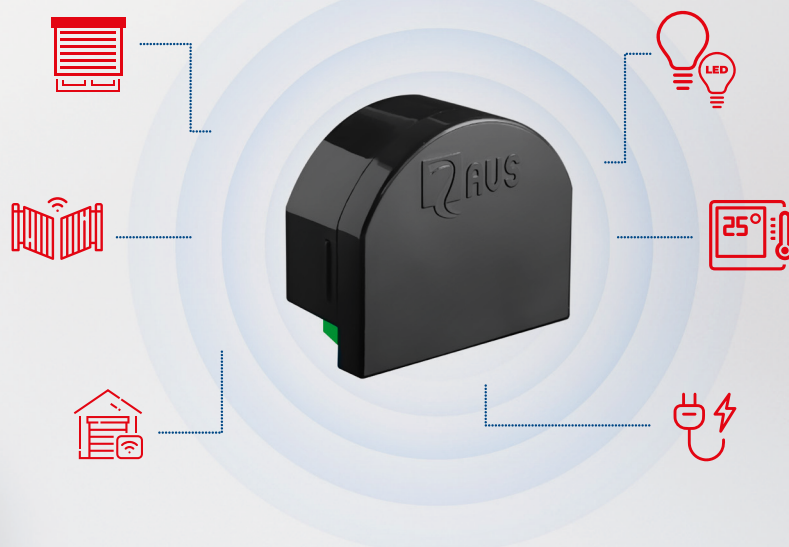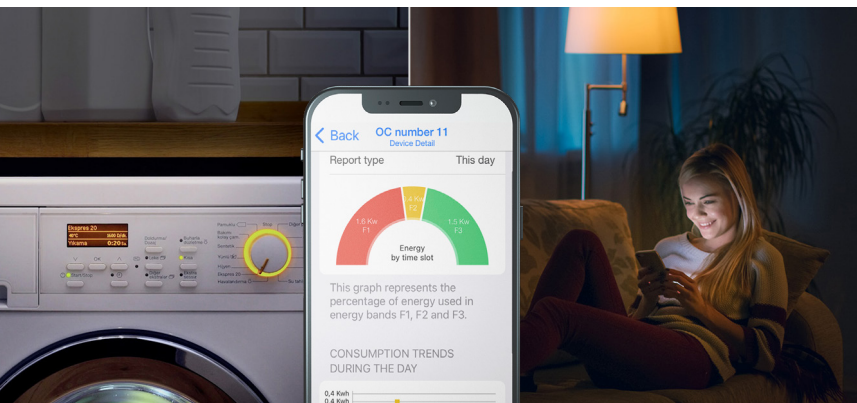
ITALIAN SECURITY MANUFACTURER

RIELLO ELETTRONICA

myAVS *domotics*

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

Google

alexa

LED

25°

MAKE YOUR ENVIRONMENTS SMART
WITH AVS HOME AUTOMATION

Wireless home automation managed by an AVS remote control or by the APP, with an AVS control panel connected to the Cloud. The modules are compatible with Google Home and Alexa voice assistants.
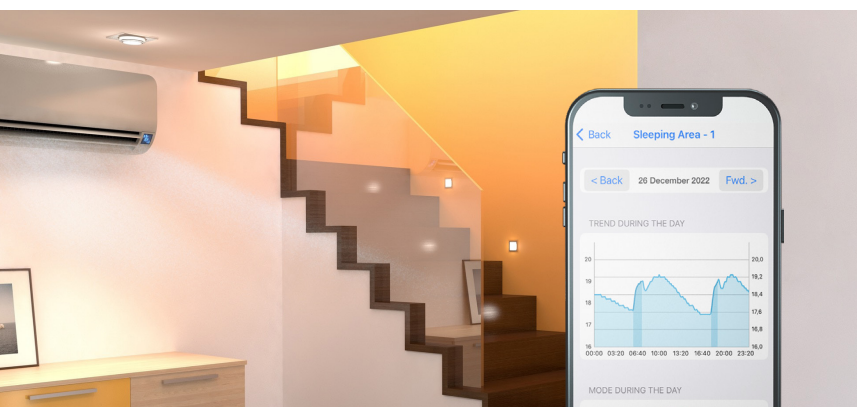

ORGANIZE OVERLOAD PRIORITIES

Through the APP you can **choose which appliances to keep running** in case of energy overload.

Electrical consumption monitoring
Graphic display of consumption on the APP, representing daily, weekly, monthly and annual trend. Creation of monthly PDF reports available on the App and/or sent by email.

Control by APP

SET-UP AND MANAGE TEMPERATURE

You can control your own comfort, schedule days and times, **monitor the temperature in real time for each single room or environment. The APP displays** graphically the temperature of every room.

Control by APP

COMMAND MOTORIZED DEVICES

You can control **motorized indoor or outdoor blinds, shutters, rolling shutters, gates and other motorized systems** wherever you are via the **APP** or locally with a **remote control**.

Control by APP / Remote Control BIP 4 PLUS - ZEN 4 PLUS BLACK

CONTROL AND MANAGE LIGHTING

You can **turn the lights on, off,** dim them and create **automated scenarios** for every moment of your day, anytime via the **APP** or locally with a **remote control**.

Control by APP / Remote Control BIP 4 PLUS - ZEN 4 PLUS BLACK

AVS electronics

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 and automatic calibration of the limit switch - 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

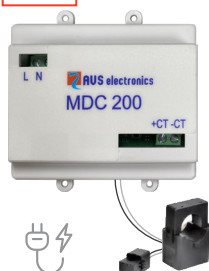**Wireless features:** see characteristics on MDS 201 module

1120139   MDD 201

Wireless dimmer home automation module

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) / 36W (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

NEW

1121121   MDC 200

Home automation module for monitoring loads and reading energy consumption

Home automation module with current clamp - AC power supply (100-250VAC, 50 / 60Hz) - Maximum measurable current 30A / 250VAC - Maximum measurable power 6900W (230Ac) / 3300 (110VAc) - Instant measurement of absorbed power - Periodic communication of energy consumed by the APP - Data storage in CLOUD - Graphic display of consumption on the APP representing daily, weekly, monthly and annual trend - The user can customize time slots according to his supplier - PREMIUM APP: setting of a spending threshold by sending a notification when exceeding - setting of a consumption threshold/hour by sending a notification when exceeding - creation of monthly PDF reports available on the App and/or sent by email - Statistics for the current week, month, year and previous years - 1 Input for optional thermal probe - Thermostat function - Load release function with priority managed by the user. Monitoring and consumption of renewable sources (e.g. photovoltaic, wind power, etc.)

Dimensions (LxHxD): 81 x 77 x 35 mm - supplied with DIN bar supports. **Wireless features:** see 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: 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 35 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

AVS electronics
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ITALIAN FIRM GARANZIA 3 ANNI WARRANTY YEARS CE
esa E:Net CERTIFIED ISO 9001