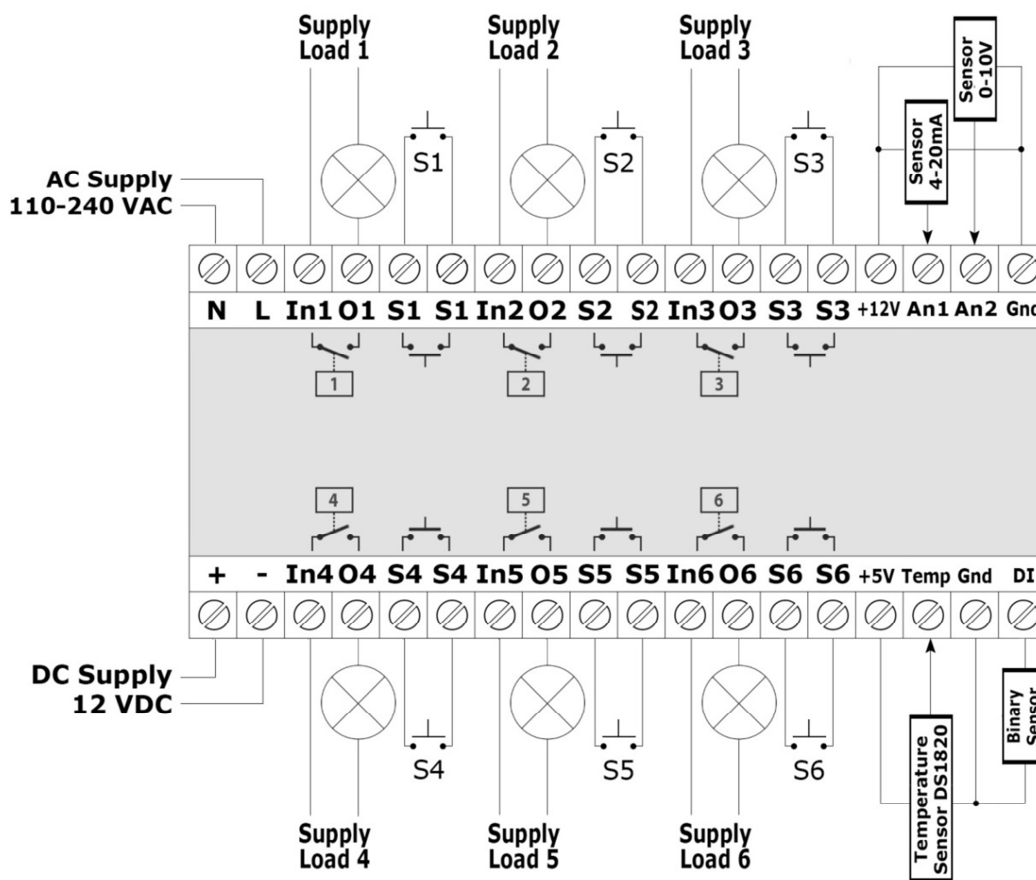




Haseman DRS6-AI Z-Wave, DIN Rail, 6 x 2kW Universal Switch module



- 6 independent relay outputs.
- Capable to control AC and/or DC loads
- Flexible power supply: 110 - 240VAC, 50/60Hz or 12VDC.
- Two Analog Inputs: 0-10V and 4-20mA (for general use).
- Binary Input for any type of discrete sensors with dry contact.
- 1-Wire temperature Input (sensor DS18B20 included!)
- Maximum AC output: 10A / 110 -230V (resistive load).
- Maximum DC output: 12A / 12 - 30V.
- 16A rated PCB power tracks and terminals.
- Conforms to EU regulations: EN55022 EN61000-6.
- To be mounted on standard DIN Rail.
- Radio protocol: Z-Wave, 868MHz.
- Antenna range: up to 50m outdoor / 30m indoor.
- Remote control of the outputs via the Z-Wave network and local control by momentary switches.
- Compatibility: Fully compatible with Fibaro HC2, Fibaro HC Lite, RaZberry2, Z-Wave Me ZME UZB1. Basic functionality with Vera Plus and Vera Edge.



- Each Output could be used to control Low or High Voltage, DC or AC Loads, independently.
- Only voltage free, momentary switches must be connected to terminal couples S1 to S6!
- The module could be supplied by 110-240VAC, 50/60Hz or 12VDC.

Analog Input 4-20mA

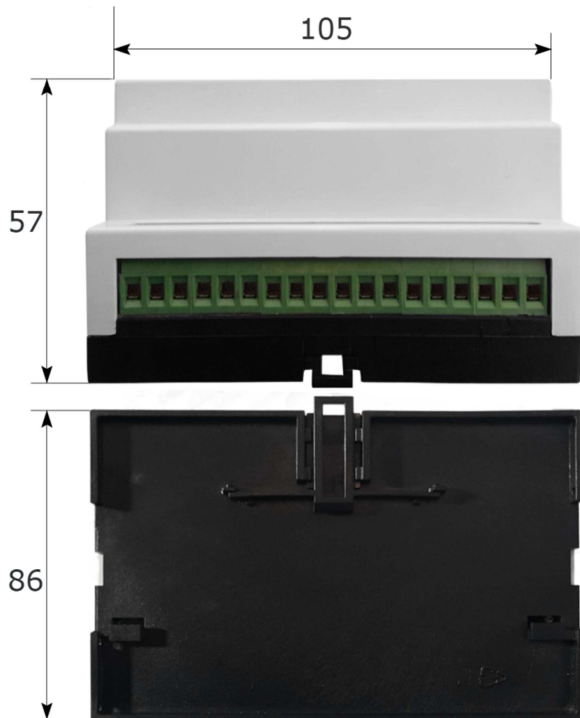
Analog Input 0-10V

1-Wire Temperature Input

Binary Input



- **ALWAYS** observe the polarity and voltage limits of analog inputs!
- Max load on +12V terminal: 200mA
- Max load on +5V terminal: 100mA
- Only **voltage free** contacts must be connected to the binary Input (relay contacts, door/window sensors, pressure switches, thermostats, high/low level sensors, etc.)
- Max. voltage on 0-10V input: 12VDC
- Max. current on 4-20mA input: 25mA



Z-WAVE NETWORK INCLUSION / EXCLUSION

The device can be included into the Z-Wave network by the Include/Exclude button, located on the right side of the module.

Adding the module to the Z-Wave network:

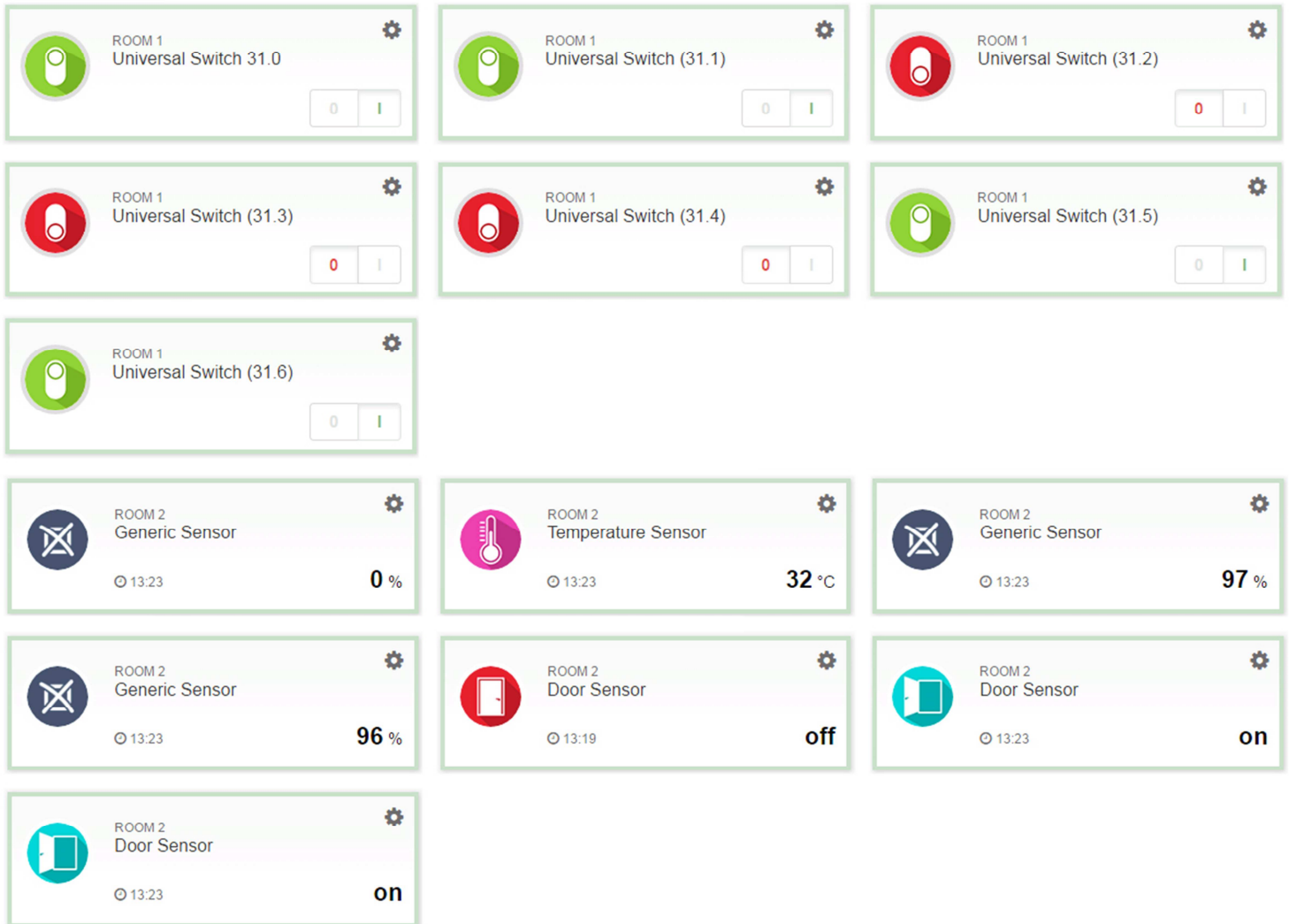
1. Connect the module to voltage supply.
2. Set the Z-Wave network main controller into learning mode (inclusion).
3. Triple click the Include/Exclude button.
4. The module will be automatically recognized and included in the Z-Wave network as a 6 channel switch, plus 4 input channels.

After inclusion there will appear 7 switches, 3 analog inputs, one temperature sensor and 3 binary inputs on the main controller UI.

ID **XX.0** - Main Node (also controls output 1).

ID **XX.1** - ID **XX.6** - correspond to outputs O1-O6.

After including, you can rename the Nodes according to your current project needs.



Removing the module from the Z-Wave network:

1. Connect the module to voltage supply.
2. Set the Z-Wave network main controller into learning mode (exclusion).
3. Triple click the Include/Exclude button.