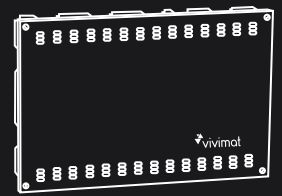


Controller board and power supply for **vivimat®** III systems

Ref: VIVIMAT-3.0



The controller board and power supply **vivimat®** 3.0, is the central core of the **vivimat®** III home automation system.

The **vivimat®** III systems, have high expansion capabilities, thanks to the optional modules that can be mounted on the **vivimat®** 3.0 controller board and power supply, and also thanks to the variety of modules that can be connected to the **vivimat®** III control BUS.

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Technical characteristics

External power supply	220VAC/50 o 60Hz
Internal power supply	15VDC
Internal consumption	<100mA
Power supply output for components of the vivimat® III system	12-14VDC (1,25A con ALM-0021) *See note. vivimat® III systems power supply
Temperature range	0 - 50°C
Battery (optional) hosted by vivimat® 3.0	BAT-0190 /1,9Ah
Expansion BUS	2 RS - 485 Interfaces BUS / control BUS
Communication protocol	vivimat® III protocol optional
Max. modules number per BUS	64*

* Depending of the installation BUS load a RS485 repeater might be needed for less than 64 devices. (Include one in the system in case the communication fails)

Controller board and power supply for **vivimat**® III systems

HARDWARE CAPACITIES:

Digital inputs **	8
Analog inputs (0 - 10V)	1
Current input	1
Digital relay outputs (5A @ 230Vac)	4
Transistorized digital outputs	4
Expansion connectors on board	3
Expansion Bus	1
Integrated serial port communication	2 (+3 opt.)
Connection to the PSTN (switched tel. network)	✓
Integrated GSM connection	Optional (MOD-0001 + MOD-0350)
Firmware updates via...	micro SD
Allows remote reprogramming	Coming soon

SOFTWARE CAPACITY:

Alarm zones / Areas	40/20
Climate control zones	10
Scenes	20
Events per scenes	20
Devices/plugs	20
Irrigation areas	50
Individually controlled motorized devices	50
Lighting zones (ON/OFF+Dimmer)	50
Dimming light control	✓
Max. number of screens per system	3

MODULES CONNECTED TO THE CONTROLLER BOARDS:

Video doorphone system module	MOD-0200 (1)
Wired IP module	MOD-0360 (1)
Audio expansion module	MOD-0800 (1)
Expansion plate	MOD-0001 (1)
Series expansion module	Coming soon
GSM module	MOD-0350* (1)

*Required MOD-0001 (NOT INCLUDED) to connect

CONTROL MODULES CONNECTED TO THE CONTROL BUS:

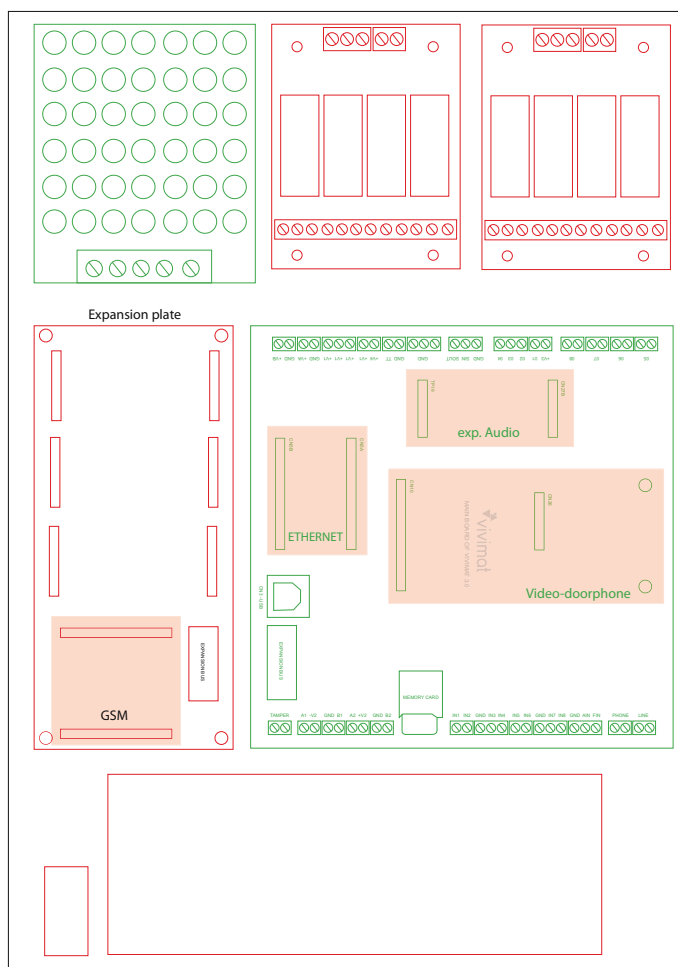
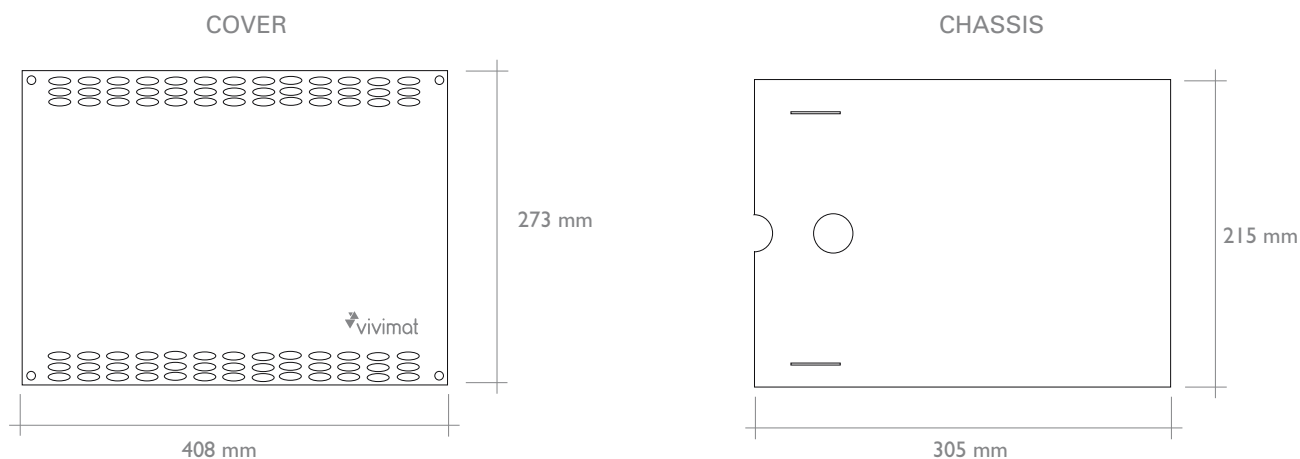
RFID tag reader connected to BUS	MOD-0046N (8)
IR module connected to BUS	MOD-0055N (8)
Blinds module connected to BUS	MOD-0105N (50)
Expansion module	MOD-0035-N(32)
Light dimmer module	MOD-0450 (50)
Light module ON/OFF	MOD-0415 (25)

MODULES CONNECTED TO OUTPUTS:

Relay module	MOD-0031 (1)
Blinds module	MOD-0102 (Can also be used as slaves of the MOD-0105-N)

Controller board and power supply for **vivimat**® III systems

Dimensions and included components



Standard components: (included)

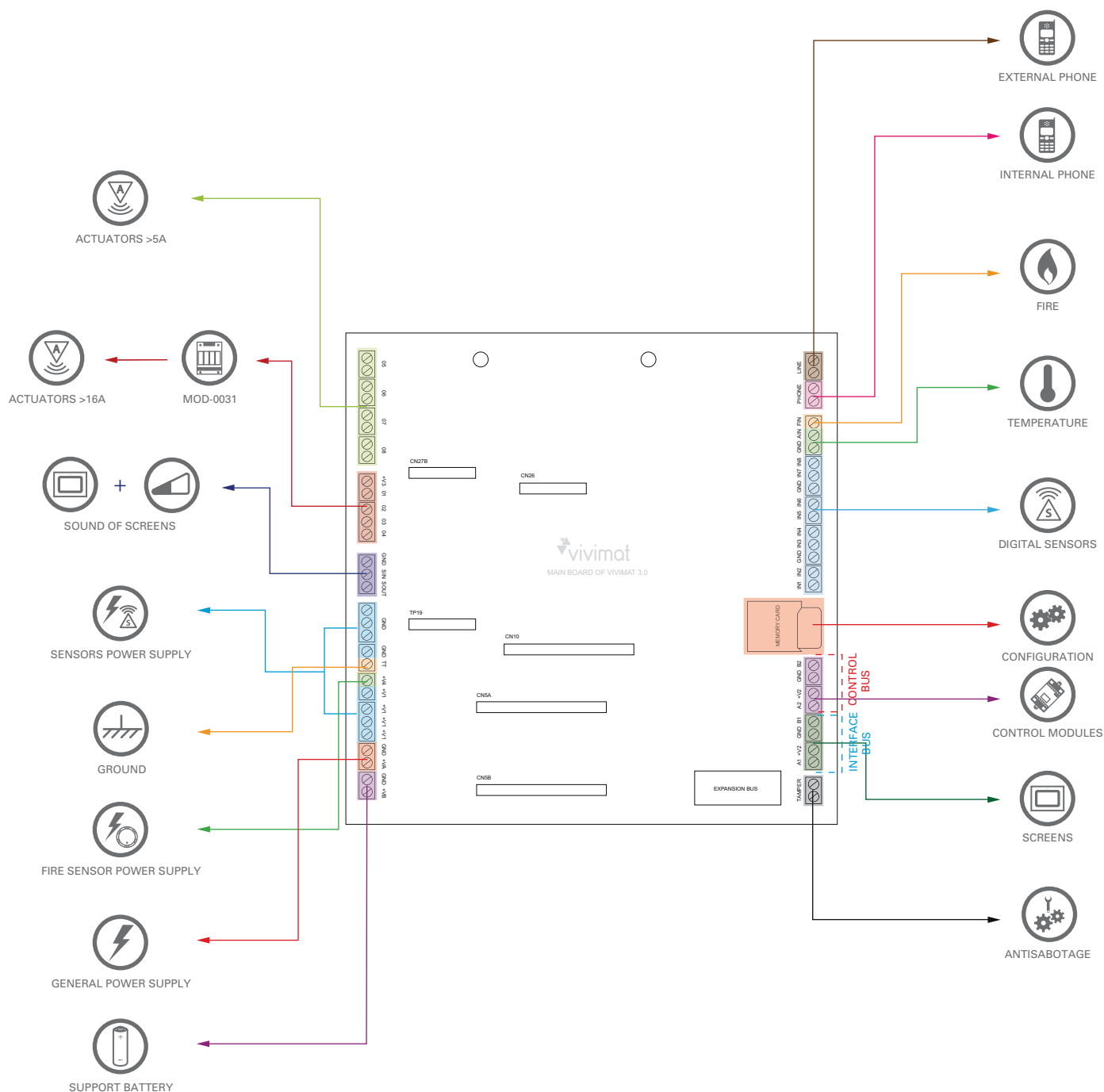
- Ref: ALM-0011 / 0021 / 0022
- Ref: VIVIMAT 3.0
- Packaging documentation

Optional components:

- Ref: MOD-0035
- Ref: BAT-0190
- Ref: MOD-0350
- Ref: MOD-0360
- Ref: MOD-0001
- Ref: MOD-0200
- Ref: MOD-0800

Controller board and power supply for **vivimat**® III systems

Connections

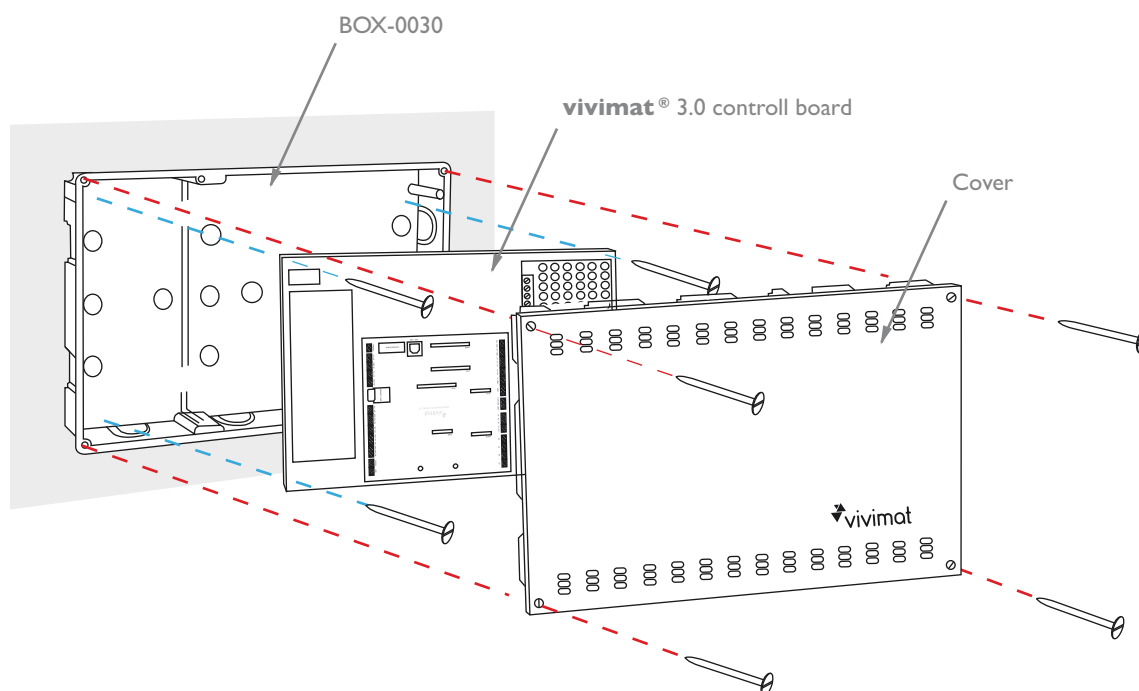


- **Wiring:** Power supply 3x1,5mm². Tel. 2 pairs of rigid telephone wire. Wiring required for the other elements of the system. See wiring requirements of each element.

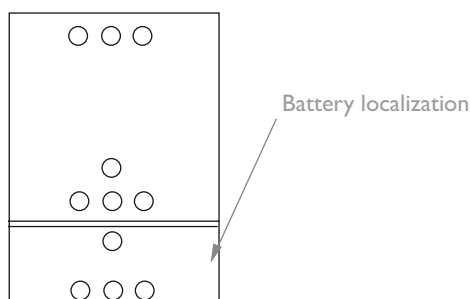
Controller board and power supply for **vivimat**® III systems

Installation recommendations

- **Installation 1:** The BOX-0030 (not included) is embedded in the wall of the housing. With 4 screws we fix the controller board to the BOX-0011. Afterwards, we use 4 screws to fix the cover on the BOX-0011.



- **Installation 2:** As long as the battery is located at the bottom, the **vivimat**® 3.0 controller board can also be placed vertically.



- **Location:** Inconspicuous location, ventilated and accessible for repair.