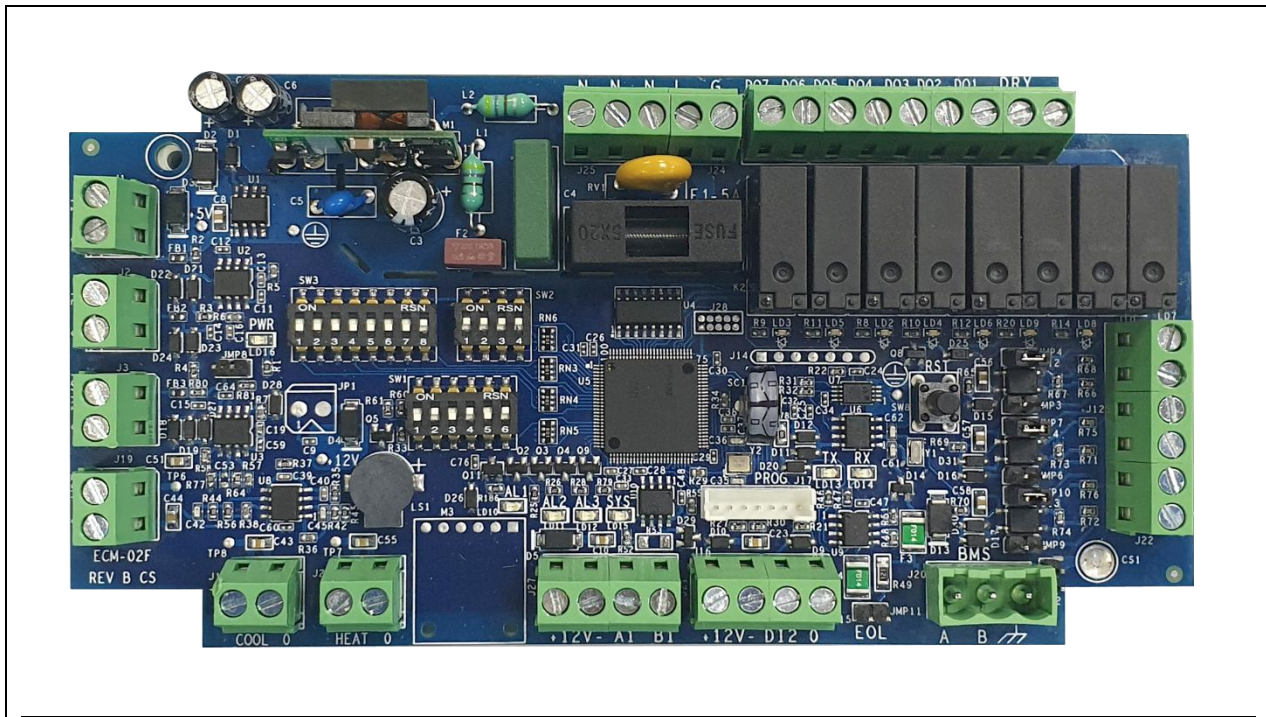




Description

The MIGA/C is a DDC controller for various HVAC configurations, with BACnet MS/TP and MODBUS RTU interface to B.M.S./Smart-Home.

Compact design makes the MIGA/C suitable to be installed even in small systems. Compatible with various user friendly room modules interface and optional Remote Control.

- 8 D/O
- 3 A/O
- 3 Temperature sensors input
- 4 D/I
- 110-230VAC (available also as 24VAC model)

For both Fan-Coil and Air-Condition control, suited for commercial and residential applications

Controlling up to: 2 cooling stages, 4 heating stages, 3 fan speeds or VFS

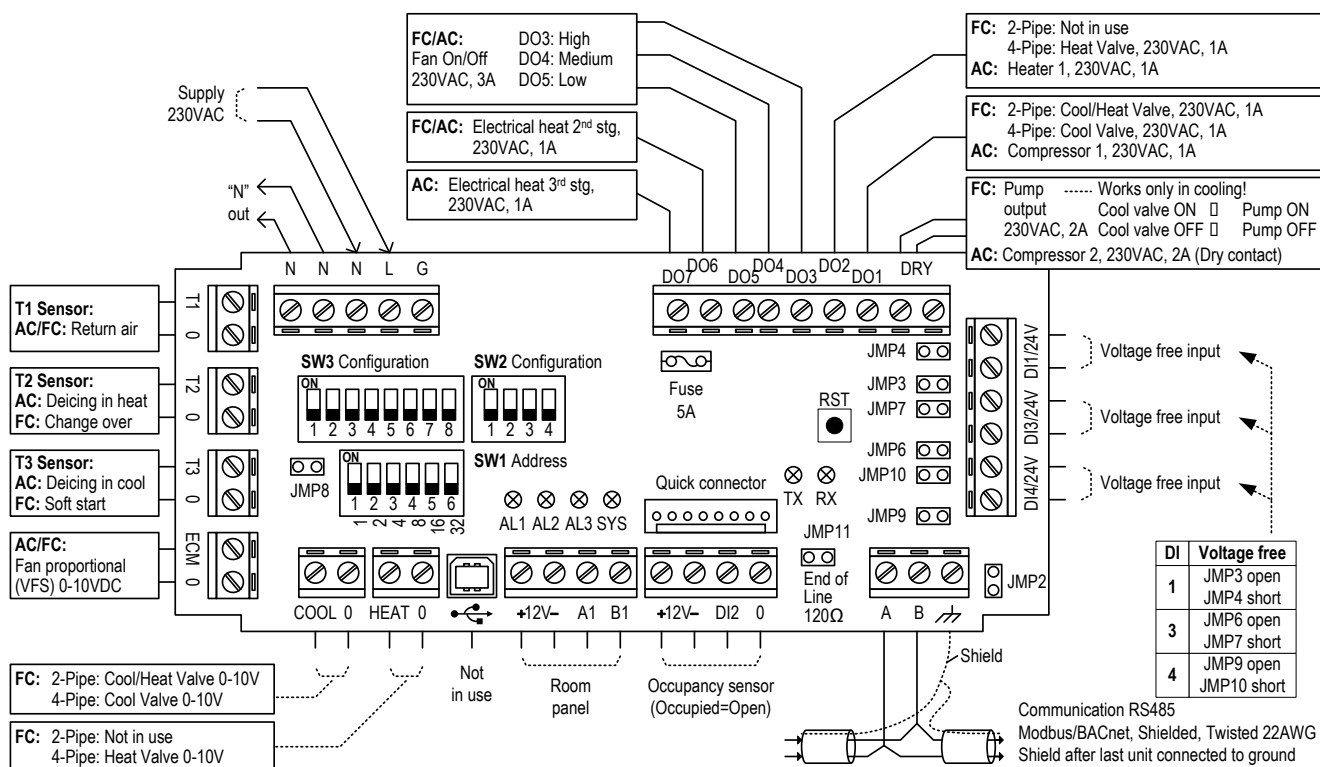
Optional configuration – with plastic housing and DIN Rail mounting:



Features & Benefits

- Compact size. Suitable for most HVAC systems
- Supports BACnet and MODBUS protocols
- Easy configuration with DIP Switches
- Full access to all the controller parameters from the B.M.S. menu and the user interface panel
- 3 Temperature readings inputs from an External sensors
- I/O list:
 - 8 D/O - Maximum 3A each, 5A total
 - 3 A/O - 0-10V
 - 4 D/I
 - 3 Temperature sensors inputs (A/I)
 - RS485 terminals (A/B)
 - Panel/user interface terminals (R/C/A₁/B₁)
- Can be placed on a DIN Rail using plastic base
- Plastic cover - optional
- °F/°C scale
- Occupancy sensor input + 12VDC power supply to the sensor, for energy saving
- Economy Mode
- Freeze Protection algorithm built-in– adjustable temperatures
- Auto Fan (fan on demand)
- Compressor protection delay timer
- H/P and H/C heating configurations
- Master/Slave between MIGA/C controllers

Wiring diagrams



Optional panels – user interface modules



MTS/C500/WM



GAB/C500



GABV/C500



MTSV/C500



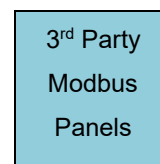
IRP/C500 + RT03



TAT/C500



ALT/C500



3rd Party devices

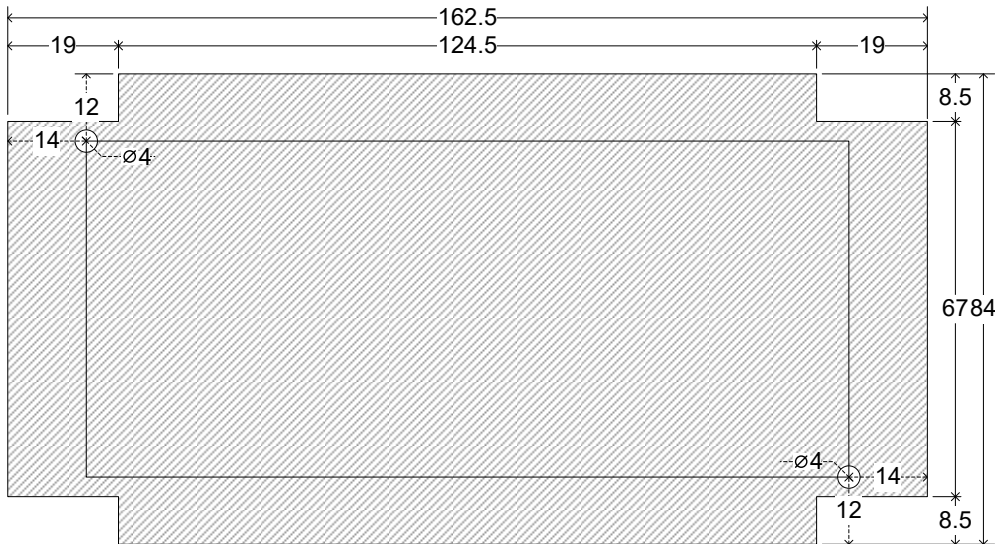
Technical specifications

- | | | | |
|------------------------------|-----------------------|-----------------------------------|-------------------------|
| ▪ Operating voltage | 110-230VAC or 24VAC | ▪ Storage temperature | -10°C÷60°C / 14°F÷140°F |
| ▪ Temperature readings scale | 5°C÷35°C/41°F÷95°F | ▪ Storage/operating humidity | 80%RH |
| ▪ Temperature sensor type | NTC 50K@25°C/77°F | ▪ Plastic type (Base – option) | PC/ABS |
| ▪ Operating temperature | 0°C÷50°C / 32°F÷122°F | ▪ Flammability (Housing – option) | UL94V-0 |

Dimensions (mm)

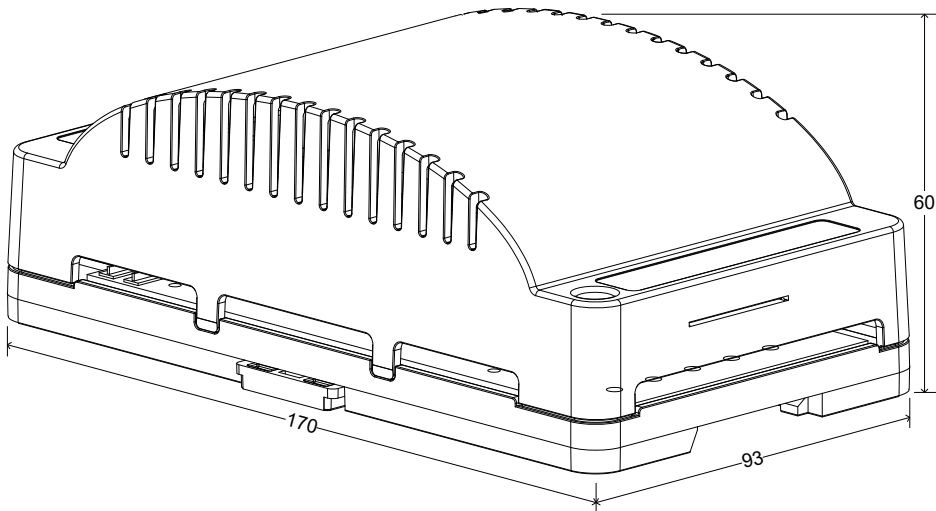
MIGA/C Main board

Weight: Approx. 350 gr.



Optional configuration – with plastic housing and DIN Rail mounting

Weight: Approx. 475 gr. (Main board + Plastic housing)



The performance specifications are nominal and conform to acceptable industry standards. For applications at conditions beyond these specifications, consult the local Meitav-tec office or representative. Meitav-tec shall not be liable for damages resulting from misapplication or misuse of its products.

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