EMI-One

No.: 925-300-00

For embedded software version later than 2.2.0
v. 1.5

Figure 1

Introduction

The EMI-One is a system which combines the functionality of environment monitoring and access control, dedicated for the use inside server cabinets. A largely expanded section of alarms and rules combined with a wide section of supported accessories and sensors make it possible to adapt to the client's needs.

Description

- Control, configuration and reading of the device's settings by a transparent interface through a web browser (built-in web-server),
- Communication via Ethernet (100Base –TX) standard,
- 4 independent 12V output channels for steering terminal equipment e.g. sliding doors, ceiling light or ventilation system,
- 4 independent digital inputs with additional parametric function, enabling the usage of e.g. fire sensors, gas sensors, flood sensors, motion sensors, power failure etc.
- Possibility to connect up to 2 digital sensors of the following types: max. 2 Combo Hi. Acc. sensors, max. 2 temperature sensors and max. 1 pressure sensor (measurement in 2 different places inside a server cabinet),
- Extended section of alarms triggered by the input state or a certain temperature/humidity value,
- Ability of steering certain outputs depending on the input state or measured values on the basis of a rules system,
- Access control function – support of RFID (cards, keychains etc.) in the following standards and protocols:
  - o apra UNIQUE,
  - o apra MIFARE,

- o apra HID/HITAG,
- o EMKA Agent E reader,
- o Wiegand 26-bit,
- o Wiegand 32-bit,
- o Wiegand 34-bit,
- o Wiegand 37-bit,
- Support of e-mail notifications,
- Support of the SNMP protocol with Trap notifications,
- Support od SMS and e-mail notifications via GSM (additional module required),
- Built-in acoustic indicator and LED diodes informing about the device's state,
- Dedicated firmware to manage a group of devices allowing long-term data saving and parameter analysis.
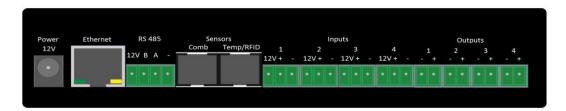

Figure 2

Technical data

Power	230V AC / 12V DC module (power supply included)
Power consumption	150 mA, max. 1A
Electrical connectors	DC Jack, 2x RJ12, 1x RJ45, 1x TBW-4, 4x TBW-3, 4x TBW-2
Supported protocols	ARP, DNS, HTTP, SNMP, SNTP, SMTP
Casing	Plastic
Working temperature	From 0°C to 50°C
Acceptable humidity range	From 10% to 90%, non-condensing
Dimensions	196x71x31 mm
Weight	100 g net
Casing colour	Black
International protection rating	IP20
Accessories	Power supply, user manual
Certifications	CE

CE