



EASYBOARD arises from the increasingly widespread need to be able to manage a variety of electrical, serial ports, RS-232, RS-485, with a single device capable of supporting communication over the Ethernet network. The need for a single controller is dictated by aspects of practicality and cost.

EASYBOARD also allows to customize the relationship between the electrical variables so as to be able to personalize, in the same way as a PLC, the requirements by industrial automation devices. The multidimensional nature of the electric stand allows you to easily create actuators, converters, protocol encapsulators, and the more disparate devices which may be required in the field of automation and control.

EASYBOARD comes with all the software needed to convert analog or digital signals of type ON/OFF, rather than implement closures fully configurable relays.

EASYBOARD consists of 7 photo-coupled input, 7 output "dry contact" by means of relays, 8 analog inputs, 1 serial port RS-232, 1 Ethernet port 10/100 with HTTP/SNMP. The 8 analog inputs allow you to convert electrical values between 0 and 5 V 16-bit digitally representing them.

EASYBOARD also allows easy management through the use of the display and keyboard. The operator can easily scroll through the menu without necessarily using your PC or, if preferred, with the latter via an advanced web interface 100% compatible with any OS. The technology used in **EASYBOARD** is completely digital, making the apparatus particularly reliable in terms of precision and repeatability, eliminating the drawbacks associated with the traditional analog approach.

EASYBOARD is optionally equipped with a power supply in double rescue. AC and backup battery in fact guarantee the operational continuity of the apparatus without interruptions.

Features**2**

- 7x photo-coupled input,
- 7x output "dry contact" by means of relays,
- 8x analog inputs (0 - 5V, 16 bits),
- 1x serial port RS-232,
- 1x Ethernet interface 10/100 for HTTP or SNMP,
- 2x PSU (AC or DC),
- Rack 19" of 1U (if not OEM).
- Certification CE.

Signaling

Serial connection: RS-232 Connector DB9 Male ± 15 kV (ESD).

Network connection: Ethernet interface 10/100, TCP/IP protocol.

Signaling: 14 dry contact over Weidmuller connector step 3.5 mm.

Remote: 8 photo-coupled contact over Weidmuller connector step 3.5 mm.

Supply

Network 95 Vac - 240 Vac Plug IEC320 integrated EMI / RFI filter.

Battery 20 Vdc - 50 Vdc EMI / RFI filter integrated.

Size (if not OEM)

Width: 1 Unity 19".

Depth: 300 mm connectors excluded.

Weight: 1.5 Kg.