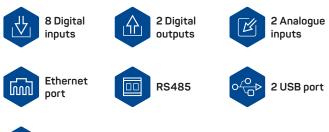# DANCE

Ethernet Modbus TCP/IP communication device for the monitoring system SMARTCLOUD and SMARTECH SUPERVISOR

DANCE is an electronic device aimed for the monitoring of the status, parameters and operations of a genset, tower light, or a fuel tank, etc... via ETHERNET TCP/IP.

DANCE, similar to REWIND, is designed to communicate with SMARTCLOUD and its database.

This device can also be used as a web server. By inserting in any browser the static IP of the device, it's possible to visualize a summary page displaying the main parameters and operation status of the genset.

8 Digital inputs

2 Digital outputs

2 Analogue inputs

Ethernet port

RS485

2 USB port

RS232

DANCE allows interfacing with the customer asset (e.g. genset, tower light, UPS or even a fuel tank), in several ways, as following:

• N.1 Serial port RS232 MODBUS RTU.
• N.1 Serial port RS485 MODBUS RTU.
• N.8 Insulated digital Inputs.
• N.2 Digital outputs with relays.
• N.2 Analogue Inputs 0-10V.

Other ports / internal components:

• N.1 Ethernet Port 10/100Mbps (Connector RJ45).
• N.1 USB Port.

MAIN FEATURES

• Supply battery voltage measure.
• RTC (real time clock) and rechargeable battery 3V.
• Programmable via serial or USB cable with Mecc Alte Smartech BoardPrg4 software.
• DIN RAIL compatible for a quick and easy installation.
• Web server: a simple web page shows the main measurements of the generator set.
• Datalog on USB pen drive.
• SNMP.
• DC Voltage supply 12Vdc or 24vdc.

TECHNICAL DATA

• Supply: from 8 to 32Vdc.
• Dimensions: 106x90x58 mm. (DIN RAIL 46277).
• Power consumption: 65mA to 27V and 100mA to 13.5V.
• Weight: 250g.
• Operating temperature: –20°C +60°C.