DANCE

Ethernet Modbus TCP/IP communication device
whit the monitoring system
SIMONE and SICES SUPERVISOR
DESCRIPTION

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

DANCE, as per as REWIND, is designed to communicate even with SIMONE and its database.

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

INPUTS - OUTPUTS AND AUXILIARY FUNCTIONS

- **8 Digital inputs**
- **2 Digital outputs**
- **2 Analogue inputs**
- **Ethernet port**
- **RS485**
- **2 USB port**
- **RS232**

DANCE can be interface with the machine (e.g. a genset, a power light, an UPS or even a 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 port / internal components:

- N.1 Ethernet Port 10/100Mbps (Connector RJ45).
- N.1 USB Port.
- N.1 Mini USB Port.
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
- Protection degree: IP20.

MAIN FEATURES

- Supply battery voltage measure.
- RTC (real time clock) and rechargeable battery 3V.
- Programmable via serial cable with BoargPRG SICES tool.
- 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 Protocol.
- The voltage feeder can be 12Vdc or 24vdc.