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.
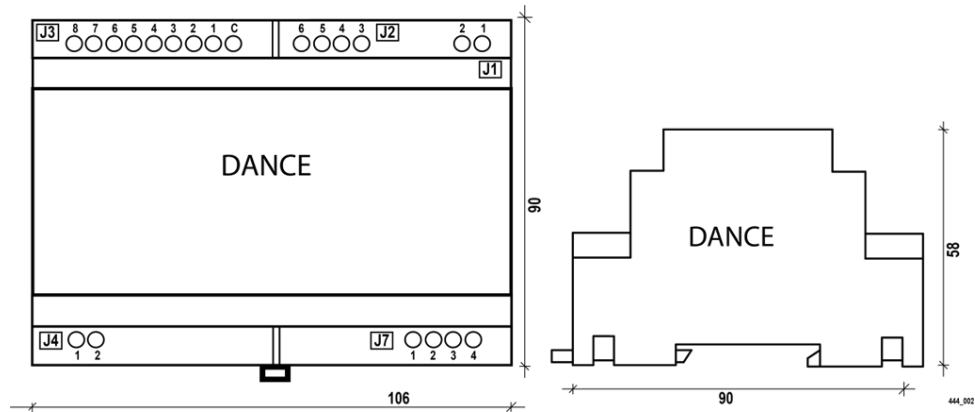
Other port / internal components:

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

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.

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.

DANCE

DANCE

106

90

90

58

J3 8 7 6 5 4 3 2 1 C
J2 6 5 4 3   2 1
J1
J4 1 2
J7 1 2 3 4

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