

Digital controller TDAIO1R-02 DINFER ELECTRONICS

1. Unit description

The unit TDAIO1R-02 is a digital thermostat used for controlling heating systems and refrigeration systems with or without glycol, adaptable through parameters menu. This unit can be installed in heating machines, beer barrel coolers, display cases, ice machines or refrigeration beer tanks (and much more), depending on the selected operating mode.

The device will show on screen the alarms of the possible incidences that could happen in the system.

There is the possibility of being used along with a parameters copykey and other remote communication systems, as displays to show information or dataloggers. This version has a variation in its wiring that allows to connect the compressor directly to the thermostat

2. Technical specifications



Electrical characteristics

- Absorbed power: 1,5VA
- Actor 1: Relay 1 contact NO/16A
- Sensor type (temp): NTC6K8/NTC10K (25°C)
- Sensor type (cond): SC / 2 electrodes AISI-304
- Digital/Analog input: 0 to 3,3VDC
- Effective conductivity range: 100 μ S to 4000 μ S (25°C)
- Temperature range: -40°C to 99°C
- Connections: 10 terminals

External measurements and unit wiring

