



The  
power to  
control

## Custom-made controllers

### Controller for water purification systems

#### Project description

These water purification systems are positioned close to houses that are not connected to the sewage system.

E.D.&A. developed a controller in a compact housing. The GSM module ensures that the controller can send alarms (compressor failure, etc.) and information to a central dispatch server. If the mains voltage fails, the controller switches to batteries in a low power mode.

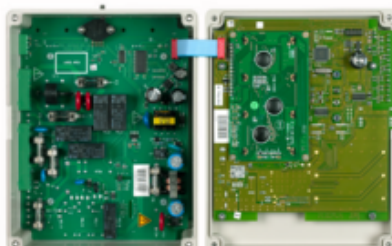
Information requests (such as hours of operation) are made using SMS messages that contain a specific command. The controller is equipped with a 4 x 20 text display and operated with a rotary encoder.

#### Customer

Specialist in the supply of individual water purification systems.

#### Characteristics

- 4 x 20 LCD display with switchable background lighting
- rotary encoder with pushbutton
- 30V AC power supply for low standby consumption
- integrated GSM
- error detection for switched load of relay outputs using current measurement



E.D.&A. nv  
Franseweg 20  
2920 Kalmthout  
Belgium  
Tel +32 3 620 18 18

info@edna.eu  
www.edna.eu