TALGIL
Computing & Control Ltd.

★★★ MINI-AGG ★★★

Small size big features professional agricultural timer

The **MINI-AGG** is the smaller brother of the AGROTAL controller, which was the first fully equipped agricultural timer in world. It is a time based controller that offers full range of features required for professional agricultural applications.

General Features:

- Modular structure – 2/4/6/8/10 outputs.
- Available both in AC and DC versions:
  - In the DC model – 2 Wired 12V DC pulse Latching solenoids
  - In the AC model – 24V AC solenoids
- All available outputs can be utilized with no need to leave out any unused ones. The outputs allocation may contain:
  - 0 or 1 main valve/ pump control.
  - Up to 2 fertilizer injectors.
  - 0 or 1 fertilizer booster pump
  - Any number of irrigation valves.
  - Up to 4 filter station.
- Inputs can be allocated for:
  - Rain sensor
  - Differential sensor
  - Sensor for activating program C
- User friendly MMI including 4 keys and a large customized LCD

Irrigation:

- Three independent irrigation programs with up to six start times per program.
- Each program can be assigned any number of valves.
- Each program handles both the irrigation and the fertilization with independent run times.
- Program C may function as a regular program or as an emergency program started by a sensor.
- Run time units of hours/minutes or minutes/seconds selectable per program.
- Water run times can be adjusted in % between 0-250 %.
- Irrigation by days of the week or by cycle of days
- Each program can be activated automatically or manually.

Fertilization:

- Handling up to 2 fertilizer injectors.
- Allows controlling a fertilizer booster pump
- Fertilizing in three stages: pre-watering, injection and post-watering.

Filtration:

- Handling up to 4 filters.
- Automatic filters backflush program activated by pressure differential sensor and/or by elapsed time.
- Accumulations of backflush by time and DP.

Alarms:

- No AC / Low battery
- DP sensor failure
- Output short-circuit

Energizing options:

- In the DC model - 4 standard "D" type alkaline batteries or 12V DC from external source
- In the AC model - built in 220/ 110 v AC power supply and 4 standard "AA" type alkaline batteries for backup.

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