

OMNI Pluvia

Rainwater Harvesting Pump Control Panel



Control Panel for the automatic operation of 1 x Pump

OMNI Pluvia 230/I

Voltage: 1~230V - 50 Hz

Type	max. Pump kW	Current A	Art. No.
OMNI Pluvia 230/I	0.75	4.0 - 6.3	6430000997
OMNI Pluvia 230/I	1.1 kW	6.3 - 10.0	6430000998

Dimensions: 175 x 250 x 150 mm (Cover Material: glasfibre-reinforced) – IP 63

- Automatic operation with connected pressure-switch or float-switch
- Manual operation possible.
- Dry-running protection via external Float-switch (4x core)
- LED Display for Operation, Tank Empty and Alarm
- Cable connections: 5 x M20 & 2 x M25
- Alarm Output 230V (Buzzer) & potential-free for BMS
- ON/OFF Switch - lockable mains switch
- Overload Protection, Short Circuit Protection, Phase-malfunction protection, dry-running protection

1. Specifications

Electric Pump Control Panel for single-phase and capacitor integrated submersible pumps.
2x variations available for pumps with

- 4.0 – 6.3 A
- 6.3 – 10.0 A

Automatic operation is enabled via external Float-Switch/Pressure-Switch. Protection degree of the Panel is IP 63.

The Panel is equipped with a lockable red-yellow Main Switch, Manual (“Hand”) – OFF (“AUS”) – Automatic (“Automatik”) Switch, protective overload motor-switch with alarm indication and 2x LEDs for Pump Operation (green) and Alarm (red).

1x LED Tank Empty (yellow) to signal low water level inside the tank reservoir is also included.

There are 3x Panel Inputs for *Automatic Operation* (float-switch/pressure-switch) and *Dry-Run Protection* (float-switch).

Furthermore the Panel has a potential-free general fault/alarm output (for BMS) and an alarm output for acoustic and optical external devices with 230V/50Hz, max. 2A.

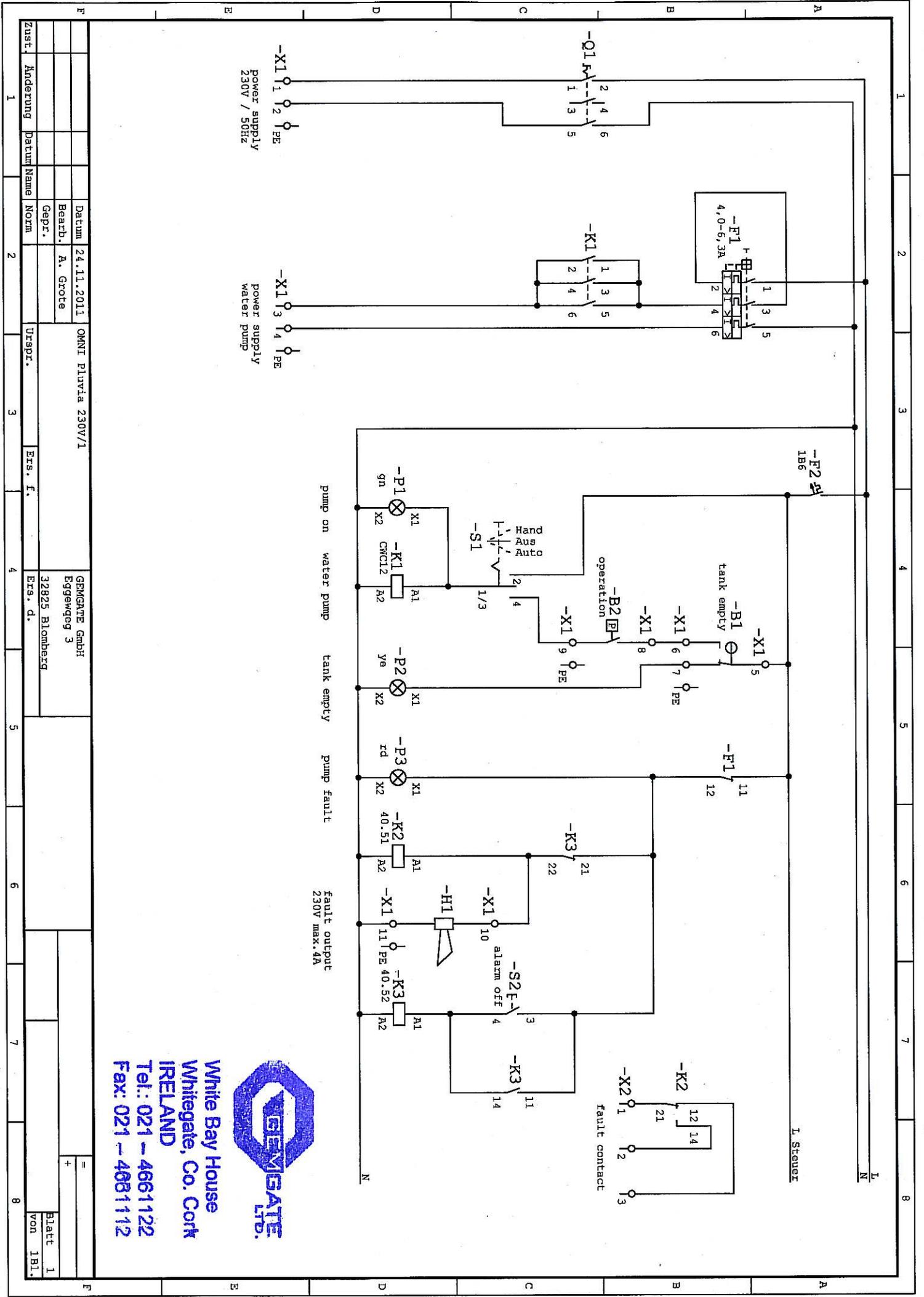
2. Operational Description

In automatic operation mode the pump is switched via the external device (float-switch/pressure-switch). Pump operation is displayed by the green LED.

Current overload (protective overload motor-switch) is displayed via the red LED, the potential-free general fault/alarm output and the 230V single phase alarm output. Automatic pump operation is interrupted until the protective overload motor-switch is switched on again/reset. It is necessary to open the Panel for this and to press the black button on the motor protective circuit breaker marked F1.

Should the problem persist or reoccur please contact your supplier.

The external device (e.g. float-switch) for *Dry-Run Protection* interrupts automatic pump operation. Manual operation of the pump is then still possible.



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Zust.		Datum		Datum		Urspr.		Ers. f.		Ers. d.	
Änderung		Datum Name		24.11.2011		OMNI Pluvia 230V/1		GEMGATE GmbH		Eggeweg 3	
		Bearb.		A. Grote				32825 Blomberg			
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