

<b>TERMINAL NUMBER</b>	<b>NAME</b>	<b>DESCRIPTION</b>
1	L1	PHASE TO HEATER
2	L2	PHASE TO WATERPUMP
3	L3	NOT USED
4	N	NEUTRAL
5	N	NEUTRAL
6	PE	GROUND
7	PE	GROUND

#### DESCRIPTION,

L1 is connected to the heater thermostat.

L2 is connected to the closing switch on the relay (1), the clock (u), the closing switch on the clock (4) and the pressure switch in the waterpump.

N is connected to the clock (u), the relay (A2), the waterpump and the heater.

When the thermostat in the heater closes the heater will start and the relay will be activated (A2 gets current from the heater thermostat). When the relay is activated the waterpump (terminal 2 on relay connected to waterpump) will start and prevent the heater from getting too hot.

The waterpump can also be started by the clock to enable the water circulating through the filter on intervals set on the clock (terminal 3 on the clock connected to the waterpump).

The pressure switch in the pump is continuously connected to L2 which enables the waterpump to be started or stopped at any time by activating the switch. However, when the thermostat in the heater is closed or when the clock has started the pump this can't be stopped by the pressure switch.