

SCHEMATIC DIAGRAM

PCB CONTROL

The schematic diagram illustrates the electrical control system for a washing machine, centered around the PCB (AG+) control unit. The diagram shows the following components and their connections:

- Washing Motor:** Connected to the PCB via a terminal block with 12 pins. The motor includes a TACHO (150°C) sensor and SATOR and ROTOR windings.
- Washing Heater:** Connected to the PCB via a terminal block with 12 pins. The heater includes a THERMAL FUSE.
- Door Lock S/W:** Connected to the PCB via a terminal block with 12 pins.
- PCB (AG+):** The central control unit, connected to various components via a terminal block with 12 pins.
- Valves and Pump:** Connected to the PCB via a terminal block with 12 pins. The components include a DRAIN PUMP, MAIN VALVE, PRE VALVE, and HOT VALVE.
- Sensors:** Connected to the PCB via a terminal block with 12 pins. The sensors include a WATER SENSOR, THERMISTOR, and HEAT-SINK THERMISTOR.
- Power and Ground:** The system is powered by a 220V AC source. The ground is connected to the PCB via a terminal block with 12 pins.

The diagram also includes a detailed wiring diagram showing the internal connections and components like the fuse, noise filter, and thermal fuse.