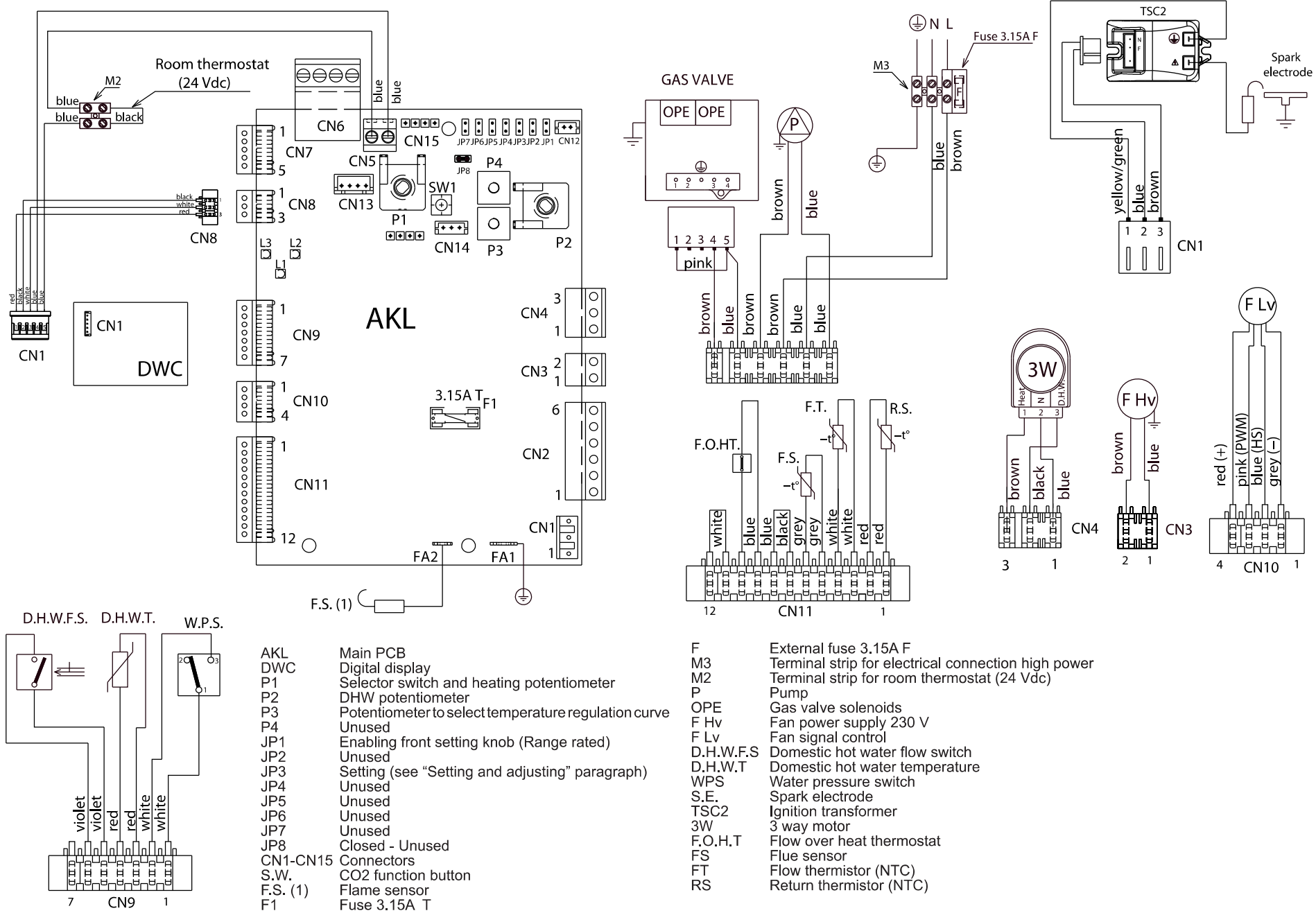


Fig. 46



- | | |
|----------|--|
| AKL | Main PCB |
| DWC | Digital display |
| P1 | Selector switch and heating potentiometer |
| P2 | DHW potentiometer |
| P3 | Potentiometer to select temperature regulation curve |
| P4 | Unused |
| JP1 | Enabling front setting knob (Range rated) |
| JP2 | Unused |
| JP3 | Setting (see "Setting and adjusting" paragraph) |
| JP4 | Unused |
| JP5 | Unused |
| JP6 | Unused |
| JP7 | Unused |
| JP8 | Closed - Unused |
| CN1-CN15 | Connectors |
| S.W. | CO2 function button |
| F.S. (1) | Flame sensor |
| F1 | Fuse 3.15A T |

- | | |
|-----------|---|
| F | External fuse 3.15A F |
| M3 | Terminal strip for electrical connection high power |
| M2 | Terminal strip for room thermostat (24 Vdc) |
| P | Pump |
| OPE | Gas valve solenoids |
| F Hv | Fan power supply 230 V |
| F Lv | Fan signal control |
| D.H.W.F.S | Domestic hot water flow switch |
| D.H.W.T | Domestic hot water temperature |
| WPS | Water pressure switch |
| S.E. | Spark electrode |
| TSC2 | Ignition transformer |
| 3W | 3 way motor |
| F.O.H.T | Flow over heat thermostat |
| FS | Flue sensor |
| FT | Flow thermistor (NTC) |
| RS | Return thermistor (NTC) |