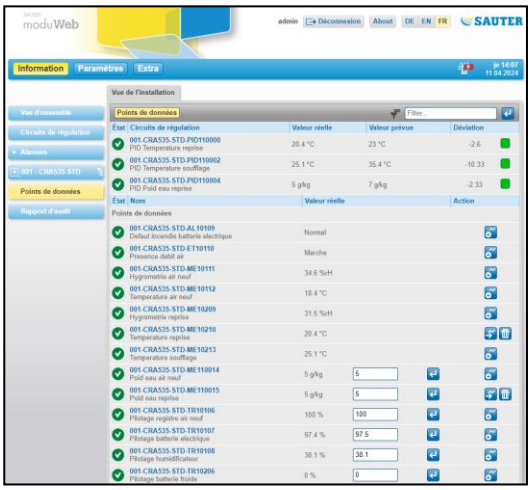
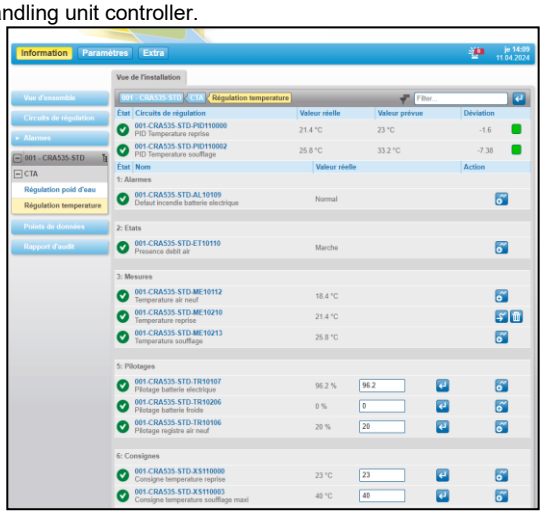
CRA544

AUTOMATIC CONTROL SYSTEM FOR CRA 542



Example of an air handling unit controller.





Technical description

1. Control is based on an air handling unit controller with a web server; settings can only be accessed from a PC.
2. The control system uses the following sensors:
   - An outdoor-air temperature/relative humidity transmitter.
   - A temperature probe in the supply air duct.
   - A return-air temperature/relative humidity transmitter.
   - A differential pressure switch for detecting airflow.
   -a fire safety thermostat
3. The system controls the following actuators:
   - An actuator for the outdoor-air/mixed-air damper.
   - A three-way valve in the cooling coil water circuit.
   - An electric heating coil.
   -a steam humidifier
4. The control system is integrated into the air handling unit enclosure.

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