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ABB Modbus Project

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Abstract

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This project aims at creating a ventilation fan controlled via Modbus protocol with its own LCD user interface. It can also be controlled via web interface.

The fan supports both an automatic and a manual mode.

In automatic mode, the pressure level in the ventilation duct is set to 120pa; the controller measures this pressure and adjusts the fan speed accordingly.

In manual mode, the fan speed can be adjusted in the UI.

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Appendices

Appendix 1: Appendix name

- 1 User Manual
- 2 Wiring Diagrams
- 3 Documentation
- 3.1 System Diagram
- 3.2 Simulator Wiring
- 3.3 Modbus Instructions

Appendix