OJ-Air AHC-3000-X Software 1.04

Software 1.04 is now released for up-grade by the free PC tool. In the production at OJ Electronics version 1.03 is still used until further notice.

Changes

Compared to version 1.03 there were following improvements:

Functionality

- No changes

HMI-35T

- No changes

BMS Modbus

- Alarm numbers in range 16xx to 25xx corrected.

Alarms

Alarm 1402: "Electric heating coil 1: overheating alarm" changed from auto reset to manual reset. Alarm delay reduced to 3 seconds.

Alarm 0704: "Outdoor air filter – pressure switch - active"
Alarm 0712: "Extract air filter – pressure switch - active"
         Status is now also updated when the AHU is in Stop or Service stop.

Alarm 0706: "Pressure drop across supply air filter too high, filter blocked"
Alarm 0710: "Pressure drop across extract air filter too high, filter blocked"
         Status is now also updated when the AHU is in Stop or Service Stop if alarm "Pressure (static)" is selected.

Software versions

- AHC-3000-X software 1.04
- AHC-3000-HMI-35T software 1.02

Affected articles

AHC-3000-T
AHC-3000-B
AHC-3000-S
AHC-3000-HMI-35T

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Coming into force
Version 1.04 is released in week 35 2019

Features to be released in the Autumn 2019
- BasicBMS and Satellites
- VOC/C0$_2$ control loop without flow measurement
- Humidity control loop without flow measurement
- AHC-3000-S together with OJ-Air2-HMI-20T
- AHC-3000-S VOC/C0$_2$ and humidity control loops

Software Upgrade
The software files are available at OJ Electronics Customer log-in, and can be upgraded using PC-Tool vers. 1.0 or higher.

- AHC3000_MCUSW_104_00_0000.zip

OBS: In order to make a safe software update please follow this procedure:
1. Remove power plug from AHC-3000
2. Connect USB to RS485 cable to AHC-3000 HMI port
3. Power up AHC-3000
4. Update the AHC-3000 controller by the PC tool
5. Remove power plug from AHC-3000
6. Remove USB to RS485 cable from AHC-3000 HMI port
7. Power up AHC-3000
8. Wait until red flashing LED at the power plug starts flashing green
9. Hot plug the HMI to the AHC-3000 HMI port
10. Wait until the HMI stops flashing White/black
11. The HMI is now updated and the new version can be read out in the SW menu.

Contact
If further technical information is required please contact our support dept.: support@oj.dk.

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