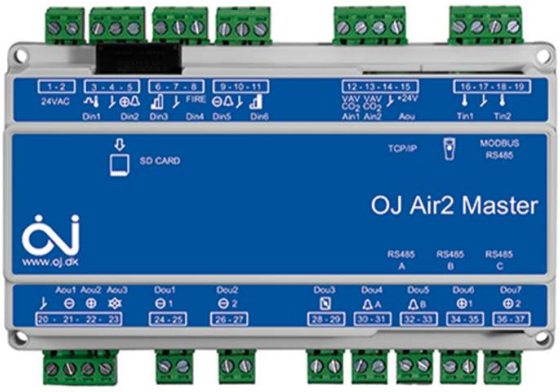
15-09-2022

# OJ-Air2Master
# Modbus and BACnet protocol
# Software version 6.54




**Quick overview**
The most common used parameters.

**Modbus Info**
General information about modbus RTU/TCP-IP

**Modbus RTU Connection**
How to connect Modbus RTU (RS-485)

**BACnet Info**
General information about  BACnet TCP-IP

**BACnet Connection**
How to connect BACnet TCP-IP

**Parameters**
Complete list of all modbus and BACnet parameters.

# BACnet CONFORMANCE CERTIFICATE

## No. BTL-30207

WSPCert attests the conformance of the following BACnet implementation to the BACnet standard ISO 16484-5 protocol revision 1.12. The attested conformance refers to the BACnet Interoperability Building Blocks (BIBBs) listed on the BTL Listing bearing the above-mentioned BTL-number.

The BACnet implementation has fulfilled the requirements according to the test standard ISO 16484-6, the BTL Test Plan 14.0 and the BTL Testing Policies, see Test Report number VG 2016_12897 of MBS.

| Product name (B-AAC) |
| --- |
| **OJ-Air2**<br>**Model(s)* OJ-Air2Master, *x*-Air2Master, EX-Master** |
| Software version |
| **1.2** |
| Vendor |
| **OJ Electronics A/S**<br>**Stenager 13B**<br>**6400 Sønderborg, Denmark** |

* where x is according to listing information

This certificate is valid until **31-Mar-2023**.

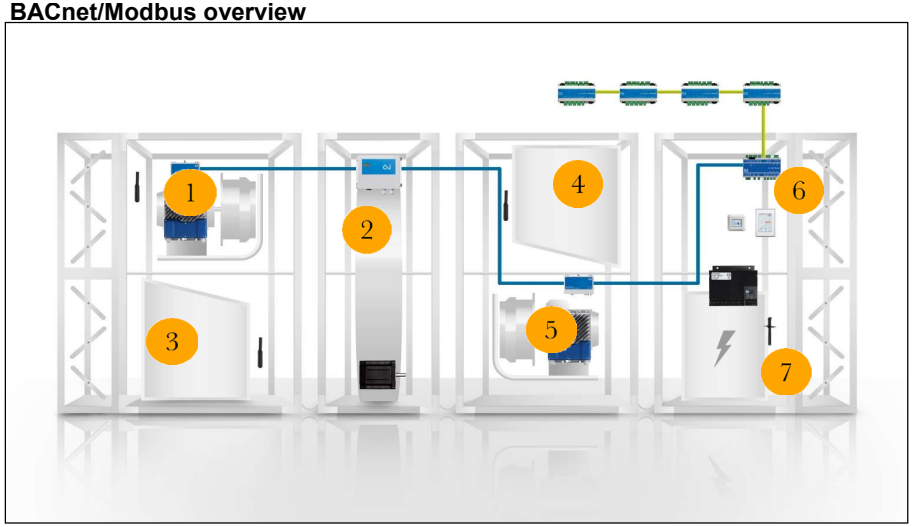
**06-Nov-2017**
Date of Initial Certification

Dipl.-Ing. G. Weinmann
Head of Certification Body



Certification verified by WSPCert
Dr.-Ing. Frank Bitter
Kapuzinerweg 7, 70374 Stuttgart, Germany
Phone: +49 (0)711 9539220, email: info@wspcert.de

## BACnet/Modbus overview




| | BacNet | Modbus |
|---|---|---|
| Actual operating mode | AI 0 | 3x0001 |
| Operation ON/OFF | BI 0 | 1x0001 |
| Extended low speed –> Active | BI 3 | 1x0004 |
| Extended high speed –> Active | BI 4 | 1x0005 |
| Alarm relay 1 (A-alarm) | BI 30 | 1x0035 |
| Alarm relay 2 (B-alarm) | BI 31 | 1x0036 |
| Alarm reset signal (AutoReturn to zero) | BV 0 | 0x0001 |

AI= Analog Input
AV= Analog Value
BI= Binary Input
BV= Binary Value

| | | BacNet | Modbus |
|---|---|---|---|
| 1 | Actual exhaust temp. [1/100°C] | AI 22 | 3x0026 |
| | Actual extract flow [l/s] | AI 7 | 3x0009 |
| | Extract motor output percentage [1/100%] | AI 60 | 3x0083 |
| | Setpoint for extract flow, low speed [l/s] | AV 12 | 4x0014 |
| | Setpoint for extract flow, medium speed [l/s] | AV 254 | 4x0321 |
| | Setpoint for extract flow, high speed [l/s] | AV 13 | 4x0015 |
| 2 | Rot. heat exchanger – output percent. [%] | AI 73 | 3x0097 |
| 3 | Actual outdoor temp. [1/100°C] | AI 20 | 3x0024 |
| | Inlet filter pressure [Pa] | AI 27 | 3x0031 |
| | Inlet filter monitor max. alarm limit [Pa] | AI 31 | 3x0039 |
| 4 | Extract filter pressure [Pa] | AI 28 | 3x0032 |
| | Max. alarm limit, extract filter pressure drop [Pa] | AI 32 | 3x0040 |
| 5 | Actual inlet flow [l/s] | AI 5 | 3x0007 |
| | Inlet motor output percentage [1/100%] | AI 51 | 3x0073 |
| | Setpoint for inlet flow, low speed [l/s] | AV 10 | 4x0011 |
| | Setpoint for inlet flow, medium speed [l/s] | AV 251 | 4x0320 |
| | Setpoint for inlet flow, high speed [l/s] | AV 11 | 4x0012 |
| 6 | Actual room temperature [1/100 °C] | AI 21 | 3x0025 |
| | Actual extract duct pressure [Pa] | AI 3 | 3x0005 |
| | Setpoint for duct pressure, extract, low speed [Pa] | AV 6 | 4x0007 |
| | Setpoint for duct pressure, extract, medium speed [Pa] | AV 255 | 4x0323 |
| | Setpoint for duct pressure, extract, high speed [Pa] | AV 7 | 4x0008 |
| 7 | Actual inlet temperature [1/100°C] | AI 16 | 3x0020 |
| | Control type setting | AV 133 | 4x0148 |
| | Temperature setpoint for actual control type | AV 134 | 4x0149 |
| | Min. limit, inlet temp. [1/100°C] | AV 135 | 4x0150 |
| | Max. limit, inlet temp. [1/100°C] | AV 136 | 4x0151 |
| | Actual heating power [1/100%] | AI 36 | 3x0054 |
| | Heating relay 1 | BI 26 | 1x0031 |
| | Act. heating bat. temp.[1/100°C] | AI 26 | 3x0030 |
| | Actual cooling power [1/100%] | AI 38 | 3x0056 |
| | Actual inlet duct pressure [Pa] | AI 1 | 3x0003 |
| | Setpoint for duct pressure, inlet, low speed [Pa] | AV 2 | 4x0003 |
| | Setpoint for duct pressure, inlet, medium speed [Pa] | AV 252 | 4x0322 |
| | Setpoint for duct pressure, inlet, high speed [Pa] | AV 3 | 4x0004 |

# Modbus RTU/TCP

## OJ Air2, Program version 6.30 and later versions

**Overview**
This Protocol contains all Modbus addresses and registers in the OJ-Air2Master.
Updating of values in the individual registers is dependent on the actual configuration of the air handling unit. It will, for example, be possible to read out water heating coil temperature register 3x0030 irrespective of whether or not an water heating coil is installed in the system concerned.
The value will, however, only be used if the associated temperature sensor is installed.
Modbus can access single addresses or several addresses simultaneously, either reading or writing 1-bit or 16-bit values.
A Modbus address contains either a 1-bit value or a 16-bit integer.

**Communication**
TCP/IP: 1 x 10/100 Mbit Ethernet, RJ45 connector.
Modbus RS485: 1 x external Modbus, RS485, RJ12 connector, which can be set for 9.6 kBd, 19.2 kBd or 38.4 kBd.
Pin1 NC, Pin2 GND, Pin3 RS485 B, Pin4 RS485 A, Pin5 NC, Pin6 GND (see fig. 2).
Hand terminal: 1 x Modbus, RS485, 115 kBd, +24 V DC, RJ12 connector.
RS485 A: Not in use
RS485 B & C: 2 x shared local Modbus, RS485, 38.4 kBd, +24 V DC, RJ12 connector.
Standard Modbus TCP/IP kommunikationsport: 502

**Modbus data format**
Modbus data types are 1-bit values and 16-bit values.

| Modbus Type | Description | Reference |
|---|---|---|
| Coil Status (R/W) | Discrete Output | 0x |
| Input Status (R) | Discrete Input | 1x |
| Holding Register (R/W) | 16-bit Output Register | 4x |
| Input register (R) | 16-bit Input Register | 3x |

R = Read Only
R/W = Read / Write

### Supported Modbus commands
OJ Air2 supports the following Modbus commands:

| Function code | Description |
|---|---|
| 1 | Read Coil Status |
| 2 | Read Input Status |
| 3 | Read Holding Registers |
| 4 | Read Input Registers |
| 5 | Force Single Coil |
| 6 | Preset Single Registers |
| 8 | Diagnostics. Sub-function 00 Only - Return Query Data (loop back) |
| 15 | Force Multiple Coils |
| 16 | Preset Multiple Registers |

# OJ Air2 Master Controller
# RJ12 Modbus/RTU connection

**Fig. 1 OJ Air Master, Connector diagram, visual topside down**

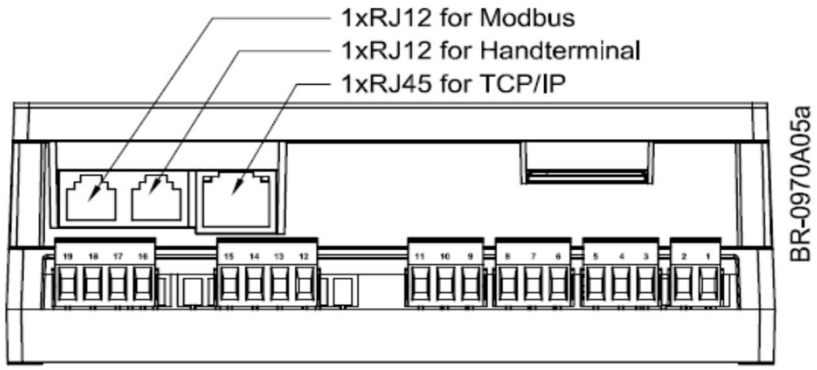



**Fig. 2 Configuration for communication via external Modbus**

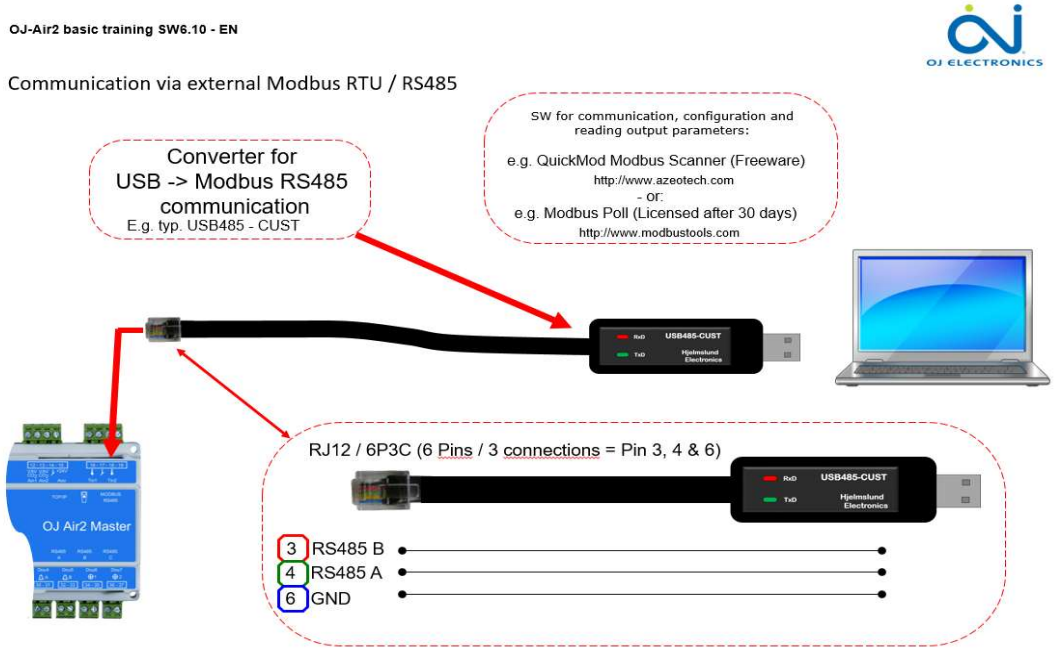
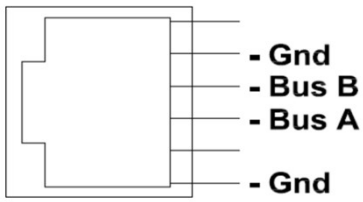



**Fig. 3 Modbus RS485 - RJ12 socket**



## BACnet

### OJ Air2, Program version 4.18 and subsequent versions.

**Overview**
BACnet features enable BACnet control and monitoring of a complete

Air Handling Unit (AHU), which is equipped with an OJ-Air2Master controller.

The BACnet functionality is implemented in OJ-Air2Masters with software version 2.00 or higher.

This protocol contains all BACnet addresses and registers in the OJ-Air2 Master. Updating of values in the individual registers is dependent on the actual configuration of the air handling unit. It will, for example, be possible to read out water heating coil temperature Analog Input Object Instance 26 irrespective of whether or not an water heating coil is installed in the system concerned.
The value will, however, only be used if the associated temperature sensor is installed.

The OJ-Air2Master is a BACnet Advanced Application Controller (B-AAC)
Supported Data Link Layer Options: BACnet IP
Please also see the documents "OJ-Air2 BACnet PICS" (Protocol Implementation Conformance Statement)
and "OJ-Air2 EDE" (Engineering Data Exchange).

**Communication**
BACnet TCP/IP: 1 pcs. 10/100Mbit Ethernet, RJ45 socket
Standard BACnet TCP/IP communication port: 47808

**Object Indentifier:**

The Object_Identifier is automatic set to the last 5 digits in the OJ-Air2Master IP adress.

Samples: IP-adresse = 172.21.0.95 ..... Object Identifier = 95
IP-adresse = 155.37.0.216 ..... Object Identifier = 216
IP-adresse = 155.37.35.123 ..... Object Identifier = 35123
IP-adresse = 132.65.124.103 ..... Object Identifier = 24103
IP-adresse = 172.20.211.47 ..... Object Identifier = 11047
IP-adresse = 155.37.111.123 ..... Object Identifier = 11123
IP-adresse = 168.25.111.1 ..... Object Identifier = 11001

***OBS! The Object_Identifier will only be set once and only when the OJ-Air2 Master is powered up or restarted***

Max. 300 values can at the same time be registered to the COV (Change Of Value)

**BACnet Interoperability Building Blocks Supported**

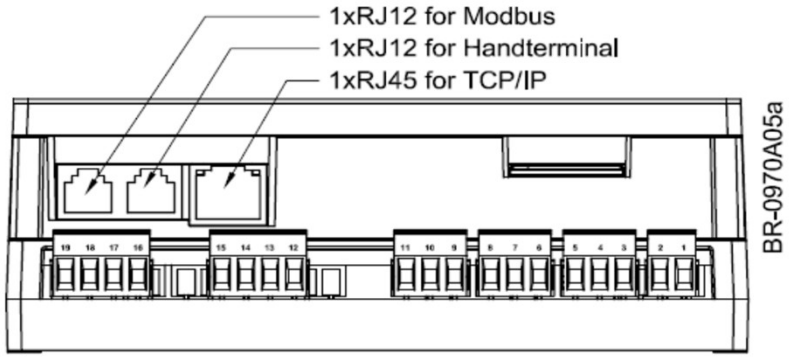
| | | |
|---|---|---|
| Data Sharing | DS-RP-B | Data Sharing-Read Property-B |
| Data sharing | DS-WP-B | Data Sharing-Write Property-B |
| Device Management | DM-DDB-B | Device Management-Dynamic Device Binding-B |
| Device Management | DM-DOB-B | Device Management-Dynamic Object Binding-B |
| Device Management | DM-DCC-B | Device Management-Dynamic Communication Control-B |

**Standard Object Types Supported**

| Object type | Properties |
|---|---|
| Analog Input | Object_Identifier, Object_Name, Object_Type, Present_Value, Status_Flags, Event_State, Out_Of_Service, Units, Min_Pres_Value, Max_Pres_Value, Resolution, Reliability, COV_Increment |
| Analog Value | Object_Identifier, Object_Name, Object_Type, Present_Value, Status_Flags, Event_State, Out_Of_Service, Units, Priority_Array, Relinquish_Default, COV_Increment. |
| Binary Input | Object_Identifier, Object_Name, Object_Type, Present_Value, Status_Flags, Event_State, Out_Of_Service, Polarity. |
| Binary Value | Object_Identifier, Object_Name, Object_Type, Present_Value, Status_Flags, Event_State, Out_Of_Service, Priority_Array, Relinquish_Default. |
| Device | Object_Identifier, Object_Name, Object_Type, System_Status, Vendor_Name, Vendor_Identifier, Model_Name, Firmware_Revision, Aplication_Software_Version, Location, Description, Protocol_Version, Protocol_Revision, Protocol_Services_Supported, Protocol_Object_Types_Supported, Object_list, Max_APDU_Length_Accepted, Segmentation_Supported, APDU_Timeout, Number_Of_APDU_Retries, Device_Address_Binding, Database_Revision. |

OJ Air2 Master Controller
1 x RJ45 TCP/IP for BACnet/IP forbindelse for internal BACnet-server in OJ Air2 Master

**Fig. 1 OJ Air Master, Connector diagram, visual topside down**



| Component | Function | Standard/ Special | Name | SI Unit | Modbus register | SW vers. | BacNet parameter | SW vers. | Min | Max | Factory settings | English |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Info | 1. Info | 1. Info | 1. Info | | Coil status (R/W) | | Binary value (R/W) | | | | | |
| AHU controller | Alarm | Standard | Alr_Reset | | 0x0001 | x.xx | BV0 | x.xx | 0 | 1 | | Alarm reset signal (AutoReturn to zero) |
| Heat exchanger | Cool recovery | Standard | CoolRecovFunc | | 0x0002 | x.xx | BV1 | x.xx | 0 | 1 | 0 | Cooling recovery: ON/OFF |
| AHU controller | Summer Night Cooling | Standard | SN_Func | | 0x0003 | x.xx | BV2 | x.xx | 0 | 1 | 0 | Summer night cooling: ON/OFF |
| AHU controller | Summer/Winter comp. | Standard | SWTC_Func | | 0x0004 | x.xx | BV3 | x.xx | 0 | 1 | 0 | Summer/winter temp. compensation: ON/OFF |
| Fan | Outdoor temp. comp. | Standard | FlwTmpCmpFunc | | 0x0005 | x.xx | BV4 | x.xx | 0 | 1 | 0 | Flow/outdoor temperature compensation: ON/OFF |
| Damper, Recirculation | Recirculation heat | Standard | RecircFunc | | 0x0006 | x.xx | BV5 | x.xx | 0 | 1 | 0 | Recirculation: ON/OFF ("1" = Open damper) |
| Fan | Forced cooling | Standard | CoolFlwForceFc | | 0x0007 | x.xx | BV6 | x.xx | 0 | 1 | 0 | Forced flow with cooling demand: ON/OFF |
| AHU controller | Summer/winter time | Standard | TimeSw-SumFunc | | 0x0008 | x.xx | BV7 | x.xx | 0 | 1 | 1 | Automatic summer/winter time: ON/OFF |
| Fan | Speed | Standard | ExtDrfHiPeriod | | 0x0009 | x.xx | BV8 | x.xx | 0 | 1 | 0 | Input for forced high speed |
| Fan | Speed | Standard | ExtDrfPeriodON | | 0x0010 | x.xx | BV9 | x.xx | 0 | 1 | 0 | Run-on time for forced high speed active |
| Heat exchanger drive | Speed | Standard | EXC_CCV | | 0x0011 | x.xx | BV26 | 6.41 | 0 | 1 | 0 | Rotary heatexchanger, turn ratation direction to counter clock wise (CCW) |
| Fan | Speed | Standard | ExtDrfMePeriod | | 0x0012 | x.xx | NA | NA | 0 | 1 | 0 | Input for forced medium speed |
| AHU controller | Summer Night Cooling | Standard | SN_FuncLoSpeed | | 0x0013 | 6.41 | BV27 | 6.51 | 0 | 1 | 0 | Summer Night Cooling activated in low speed |
| AHU controller | Speed | Standard | ExtHighSpdSet | | 0x0014 | 6.51 | BV28 | 6.51 | 0 | 1 | 0 | External high speed start signal |
| Pressure | Calibration | Standard | ManZeroCali | | 0x0020 | x.xx | BV10 | 4.18 | 0 | 1 | 0 | Start manual zero calibration (can be used together with automatic zero calibration)<br>Is automatically reset to zero (OFF) once calibration has been completed |
| Pressure | Calibration | Standard | AutoZeroCali | | 0x0021 | x.xx | BV11 | 4.18 | 0 | 1 | 0 | Automatic zero calibration: ON/OFF |
| Filter | Alarm | Standard | FiltDynAlrFunc | | 0x0022 | x.xx | BV12 | x.xx | 0 | 1 | 0 | Dynamic filter alarm --> ON/OFF<br>OFF --> static alarm limit (constant)<br>ON --> dynamic alarm limit (limit based on flow) |
| Filter | Calibration | Standard | FiltCalibrate | | 0x0023 | x.xx | BV13 | x.xx | 0 | 1 | 0 | Start filter calibration. Is automatically reset to zero (OFF) once calibration has been completed.<br>NOTE! ONLY IF "DYNAMIC MODE" IS SET |
| Filter | | Standard | FiltCaliDone | | 0x0024 | x.xx | BV14 | 4.18 | 0 | 1 | 0 | Filter calibration completed (valid filter data)<br>NOTE! ONLY IF "DYNAMIC MODE" IS SET |
| Combi coil | Control | Standard | CmbEnCtrlMB | | 0x0025 | x.xx | BV21 | 6.20 | 0 | 1 | 0 | Enable combi coil for control via external Modbus [1=Modbus/0=Dig. input] |
| Combi coil | Control | Standard | CmbEnHeatMB | | 0x0026 | x.xx | BV17 | x.xx | 0 | 1 | 1 | Hot water supply is available for the combi coil |
| Combi coil | Control | Standard | CmbEnCoolMB | | 0x0027 | x.xx | BV18 | x.xx | 0 | 1 | 1 | Cold water supply is available for the combi coil |
| Temp. Out door | Control | Standard | MBTOutDAct | | 0x0028 | x.xx | BV15 | x.xx | 0 | 1 | 0 | Activate outdoor temperature from BMS |
| Temp. Room | Control | Standard | MBTRoom1Activ | | 0x0029 | x.xx | BV16 | x.xx | 0 | 1 | 0 | Activate room temperature from BMS |
| Damper, Recirculation | Recirculation heat | Standard | MBForceRecirc | | 0x0030 | 4.18 | BV19 | 4.18 | 0 | 1 | 0 | Force recirc via Ext. Modbus ("1" = Open damper) |
| Damper, Recirculation | Recirculation heat | Standard | MBEnblForceRec | | 0x0031 | 4.18 | BV20 | 4.18 | 0 | 1 | 0 | Enable Modbus Force recirc signal |
| Filter | Alarm | Standard | FilOADynAlrFc | | 0x0032 | 6.41 | BV22 | 6.41 | 0 | 1 | 0 | Filter (OA) Dynamic Alarm function ON/OFF OFF -> Static AlarmLimit (Const) ON -> Dynamic AlarmLimit (Limit based on flow) |
| Filter | Alarm | Standard | FilSADynAlrFc | | 0x0033 | 6.41 | BV23 | 6.41 | 0 | 1 | 0 | Filter (SA) Dynamic Alarm function ON/OFF OFF -> Static AlarmLimit (Const) ON -> Dynamic AlarmLimit (Limit based on flow) |
| Filter | Alarm | Standard | FilEXDynAlrFc | | 0x0034 | 6.41 | BV24 | 6.41 | 0 | 1 | 0 | Filter (EX) Dynamic Alarm function ON/OFF OFF -> Static AlarmLimit (Const) ON -> Dynamic AlarmLimit (Limit based on flow) |
| Filter | Alarm | Standard | FilEX1DynAlrFc | | 0x0035 | 6.41 | BV25 | 6.41 | 0 | 1 | 0 | Filter (EX1) Dynamic Alarm function ON/OFF OFF -> Static AlarmLimit (Const) ON -> Dynamic AlarmLimit (Limit based on flow) |
| 1. Info | 1. Info | 1. Info | 1. Info | | Input status (R) | | Binary input (R) | 1. Info | 1. Info | 1. Info | 1. Info | |
| AHU controller | Speed | Standard | Operation | | 1x0001 | x.xx | BI0 | x.xx | 0 | 1 | | Operation ON/OFF |
| AHU controller | Speed | Standard | ExtStop | | 1x0002 | x.xx | BI1 | x.xx | 0 | 1 | | External stop |
| AHU controller | Speed | Standard | ExtHiSpeed | | 1x0003 | x.xx | BI2 | x.xx | 0 | 1 | | Externalhigh speed |
| AHU controller | Speed | Standard | ExtDrfLoSpeed | | 1x0004 | x.xx | BI3 | x.xx | 0 | 1 | | Extended low speed --> Active |
| AHU controller | Speed | Standard | ExtDrfHiSpeed | | 1x0005 | x.xx | BI4 | x.xx | 0 | 1 | | Extended high speed --> Active |
| AHU controller | Fire | Standard | ExtBrandStop | | 1x0006 | x.xx | BI78 | x.xx | 0 | 1 | | Status Brandstop input |
| Fan | Speed | Standard | ExtDrfMeSpeed | | 1x0007 | x.xx | BI225 | x.xx | 0 | 1 | | Extended medium speed --> Active |
| Heating coil, Electric | Status | Standard | ElBattPowerRed | | 1x0010 | x.xx | BI5 | x.xx | 0 | 1 | | Power to electric heating coil reduced due to low flow |
| AHU controller | Summer Night Cooling | Standard | SN_Drift | | 1x0011 | x.xx | BI6 | x.xx | 0 | 1 | | Summer night cooling is active |
| AHU controller | Summer Night Cooling | Standard | SN_Reset | | 1x0012 | x.xx | BI7 | x.xx | 0 | 1 | | Reset parameters for summer night cooling (new calculation is initiated) |
| AHU controller | Summer/Winter comp. | Standard | SWTC_WintComp | | 1x0013 | x.xx | BI8 | x.xx | 0 | 1 | | Winter temperature compensation is active |
| AHU controller | Summer/Winter comp. | Standard | SWTC_SumComp | | 1x0014 | x.xx | BI9 | x.xx | 0 | 1 | | Summer temperature compensation is active |
| AHU controller | Summer/Winter comp. | Standard | SW_Status | | 1x0015 | x.xx | BI10 | x.xx | 0 | 1 | | Summer/winter actual status<br>OFF --> winter operation ("0")<br>ON --> summer operation ("1") |
| Damper, Recirculation | Recirculation heat | Standard | RecircStatus | | 1x0016 | x.xx | BI11 | x.xx | 0 | 1 | | Recirculation status ("1" = Open damper) |
| Heat exchanger | Speed | Standard | EXC_Exercise | | 1x0017 | x.xx | BI12 | x.xx | 0 | 1 | | Exercising heat exchanger --> Active |
| Heat exchanger | Status | Standard | CExcIceProtect | | 1x0018 | x.xx | BI13 | x.xx | 0 | 1 | | Signal to cross-flow exchanger reduced (frost protection) |
| Fan | Status | Standard | SupDuctMinFlow | | 1x0019 | x.xx | BI14 | x.xx | 0 | 1 | | Supply duct pressure controller reduced to min. flow |
| Fan | Status | Standard | SupDuctMaxFlow | | 1x0020 | x.xx | BI15 | x.xx | 0 | 1 | | Supply duct pressure controller increased to max. flow |
| Fan | Status | Standard | ExtDuctMinFlow | | 1x0021 | x.xx | BI16 | x.xx | 0 | 1 | | Extract duct pressure controller reduced to min. flow |
| Fan | Status | Standard | ExtDuctMaxFlow | | 1x0022 | x.xx | BI17 | x.xx | 0 | 1 | | Extract duct pressure controller increased to max. flow |
| Heat exchanger | Status | Standard | CoolRecovery | | 1x0023 | x.xx | BI18 | x.xx | 0 | 1 | | Cooling recovery --> status |
| Heating coil 1, Water | Status | Standard | HW1FrostReg | | 1x0024 | x.xx | BI19 | x.xx | 0 | 1 | | Circulation pump on heating coil: Frost protection --> Active |
| Heating coil 1, Water | Status | Standard | HW1PumpExer | | 1x0025 | x.xx | BI20 | x.xx | 0 | 1 | | Circulation pump on heating coil: Pump exercising --> Active |
| Cooling coil | Status | Standard | CW_PumpExer | | 1x0026 | 4.18 | BI21 | 4.18 | | | | CoolWaterCoil PumpExercise active |
| Heating coil 1, Electric | Status | Standard | Heat_FlwDnReg | | 1x0027 | x.xx | BI22 | x.xx | 0 | 1 | | Signal to heating coil reduced (insufficient flow) --> Active |
| AHU controller | Status | Standard | TempRegMinSup | | 1x0028 | x.xx | BI23 | x.xx | 0 | 1 | | "1" when min. supply temperature control is active.<br>Only active when TempReqMode is 1 or 2 (room temp. control) |
| AHU controller | Status | Standard | TempRegMaxSup | | 1x0029 | x.xx | BI24 | x.xx | 0 | 1 | | "1" when max. supply temperature control is active.<br>Only active when TempReqMode is 1 or 2 (room temp. control) |
| Heat exchanger | Status | Standard | BattEXC_Exer | | 1x0030 | x.xx | BI25 | x.xx | 0 | 1 | | Circulation pump on heat recovery coil:<br>Pump exercising --> Active |
| Heating coil 1 | Status | Standard | Heat_RE1 | | 1x0031 | x.xx | BI26 | x.xx | 0 | 1 | | Heating relay 1 |
| Cooling coil | Status | Standard | Cool_RE1 | | 1x0032 | x.xx | BI27 | x.xx | 0 | 1 | | Cooling relay 1 |
| Heat exchanger | Status | Standard | BattEXC_PumpRE | | 1x0033 | x.xx | BI28 | x.xx | 0 | 1 | | Circulation pump on heat recovery coil:<br>Pump --> Running |
| AHU controller | Alarm | Standard | AlrActive | | 1x0034 | x.xx | BI29 | x.xx | 0 | 1 | | At least one active alarm |
| AHU controller | Alarm | Standard | Alr_RE1 | | 1x0035 | x.xx | BI30 | x.xx | 0 | 1 | | Alarm relay 1 (A-alarm) |
| AHU controller | Alarm | Standard | Alr_RE2 | | 1x0036 | x.xx | BI31 | x.xx | 0 | 1 | | Alarm relay 2 (B-alarm) |
| AHU controller | Fire | Standard | Alr_FireSignal | | 1x0037 | x.xx | BI32 | x.xx | 0 | 1 | | Fire alarm signal (room sensor) |
| AHU controller | Smoke | Standard | Alr_SmokeSig | | 1x0038 | x.xx | BI33 | x.xx | 0 | 1 | | Smoke/fire alarm signal (duct sensor) |
| Heating coil, Electric | Alarm | Standard | EL1_OverHtBac | | 1x0039 | x.xx | BI219 | x.xx | 0 | 1 | | Electric coil: High temperature alarm signal |
| Heating coil, Electric | Alarm | Standard | AlrElBattCont | | 1x0040 | x.xx | BI220 | x.xx | 0 | 1 | | Electric coil: Relay stuck |
| Filter | Alarm | Standard | FiltSupAlarm | | 1x0041 | x.xx | BI35 | x.xx | 0 | 1 | | Filter alarm for supply filter<br>(pressure drop above set limit) |
| Filter | Alarm | Standard | FiltExtAlarm | | 1x0042 | x.xx | BI36 | x.xx | 0 | 1 | | Filter alarm for extract filter (pressure drop above set limit) |
| Heat exchanger | Status | Special | CExcDeIcing | | 1x0043 | x.xx | BI297 | 6.51 | 0 | 1 | | Reduction of cross-flow exchanger due to de-icing; deicing started |
| Heating coil 2, Electric | Status | Standard | ElBat2PowerRed | | 1x0045 | x.xx | BI298 | 6.51 | 0 | 1 | | Electric coil 2 - Output reduction active due to low flow |
| Filter | Alarm | Standard | FiltSup2Alarm | | 1x0048 | 4.18 | BI253 | 4.18 | 0 | 1 | | Filter Alarm for Sup2-Filter (pressure above Limit) |
| Filter | Alarm | Standard | FiltExt2Alarm | | 1x0049 | 4.18 | BI254 | 4.18 | 0 | 1 | | Filter Alarm for Ext2-Filter (pressure above Limit) |
| Temp. Supply | Alarm | Standard | SupTempSensErr | | 1x0050 | x.xx | BI37 | x.xx | 0 | 1 | | Supply temperature sensor – sensor fault |
| Temp. Extract | Alarm | Standard | ExtTempSensErr | | 1x0051 | x.xx | BI38 | x.xx | 0 | 1 | | Extract temperature sensor – sensor fault |
| Temp. Out door | Alarm | Standard | OutDoorSensErr | | 1x0052 | x.xx | BI39 | x.xx | 0 | 1 | | Outdoor temperature sensor – sensor fault |
| Temp. Room | Alarm | Standard | RoomSensErr | | 1x0053 | x.xx | BI40 | x.xx | 0 | 1 | | Room temperature sensor – sensor fault |
| Temp. Exhaust | Alarm | Standard | ExhaustSensErr | | 1x0054 | x.xx | BI41 | x.xx | 0 | 1 | | Exhaust temperature sensor – sensor fault |
| Heating coil 1, Water | Alarm | Standard | HW1SensErr | | 1x0055 | x.xx | BI42 | x.xx | 0 | 1 | | Heating coil temperature sensor – sensor fault |
| Heat exchanger | Alarm | Standard | BattEXC_SensEr | | 1x0056 | x.xx | BI43 | x.xx | 0 | 1 | | Heat recovery coil temperature sensor – sensor fault |
| Heating coil 1, Water | Alarm | Standard | HW1FrostAlr | | 1x0057 | x.xx | BI44 | x.xx | 0 | 1 | | Heating coil frost alarm |

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|---|---|---|---|---|---|---|---|---|---|---|
| Cooling coil | Alarm | Standard | Cool_SumAlarm | 1x0060 | x.xx | BI45 | x.xx | 0 | 1 | Cooling shared alarm |
| Cooling coil | Alarm | Standard | Cool_DI1_Alarm | 1x0061 | x.xx | BI46 | x.xx | 0 | 1 | Cooling digital alarm 1 input |
| Cooling coil | Alarm | Standard | Cool_DI2_Alarm | 1x0062 | x.xx | BI47 | x.xx | 0 | 1 | Cooling digital alarm 2 input |
| Cooling coil | Alarm | Standard | Cool_DI3_Alarm | 1x0063 | x.xx | BI48 | x.xx | 0 | 1 | Cooling digital alarm 3 input |
| Cooling coil | Alarm | Standard | Cool_DI4_Alarm | 1x0064 | x.xx | BI49 | x.xx | 0 | 1 | Cooling digital alarm 4 input |
| Fan, Supply drive | Status | Standard | SupMotorON | 1x0070 | x.xx | BI50 | x.xx | 0 | 1 | Supply motor ON/OFF |
| Fan, Supply drive | Alarm | Standard | SupMotorAlarm | 1x0071 | 4.18 | BI51 | 4.18 | 0 | 1 | Supply Motor Alarm |
| Fan, Supply drive | Alarm | Standard | FCsupMtrAlrVlo | 1x0072 | x.xx | BI52 | x.xx | 0 | 1 | Supply motor low voltage alarm (only with OJ-FC) |
| Fan, Supply drive | Alarm | Standard | FCsupMtrAlrVhi | 1x0073 | x.xx | BI53 | x.xx | 0 | 1 | Supply motor high voltage alarm(only with OJ-FC) |
| Fan, Supply drive | Alarm | Standard | FCsupMtrAlrIhi | 1x0074 | x.xx | BI54 | x.xx | 0 | 1 | Supply motor high current alarm (only with OJ-FC), motor protection |
| Fan, Supply drive | Alarm | Standard | FCsupMtrAlrTmp | 1x0075 | x.xx | BI55 | x.xx | 0 | 1 | Supply motor temperature alarm (only with OJ-FC) |
| Fan, Supply drive | Alarm | Standard | FCsupMtrAlrPhs | 1x0076 | x.xx | BI56 | x.xx | 0 | 1 | Supply motor phase fault alarm (only with OJ-FC) |
| Fan, Supply drive | Alarm | Standard | FCAlrSupOldRip | 1x0077 | x.xx | BI299 | 6.51 | 0 | 1 | Supply motor ripple voltage alarm (only with OJ-FC) |
| Fan, Supply drive | Alarm | Standard | FCsupMtrIhiLim | 1x0078 | x.xx | BI58 | x.xx | 0 | 1 | Supply motor high current limit: short-circuit protection (only with OJ-FC) |
| Fan, Supply drive | Alarm | Standard | FCsupMtrAlrRip | 1x0079 | 4.18 | BI57 | 4.18 | 0 | 1 | SupplyMotor V Ripple Alarm |
| Fan, Extract drive | Status | Standard | ExtMotorON | 1x0080 | x.xx | BI59 | x.xx | 0 | 1 | Extract motor ON/OFF |
| Fan, Extract drive | Alarm | Standard | FCextMtrAlrVlo | 1x0082 | x.xx | BI61 | x.xx | 0 | 1 | Extract motor low voltage alarm |
| Fan, Extract drive | Alarm | Standard | FCextMtrAlrVhi | 1x0083 | x.xx | BI62 | x.xx | 0 | 1 | Extract motor high voltage alarm |
| Fan, Extract drive | Alarm | Standard | FCextMtrAlrIhi | 1x0084 | x.xx | BI63 | x.xx | 0 | 1 | Extract motor high current alarm |
| Fan, Extract drive | Alarm | Standard | FCextMtrAlrTmp | 1x0085 | x.xx | BI64 | x.xx | 0 | 1 | Extract motor temperature alarm (only with OJ-FC) |
| Fan, Extract drive | Alarm | Standard | FCextMtrAlrPhs | 1x0086 | x.xx | BI65 | x.xx | 0 | 1 | Extract motor phase fault alarm |
| Fan, Extract drive | Alarm | Standard | FCAlrExtOldRip | 1x0087 | x.xx | BI300 | 6.51 | 0 | 1 | Extract motor ripple voltage alarm |
| Fan, Extract drive | Alarm | Standard | FCextMtrIhiLim | 1x0088 | x.xx | BI67 | x.xx | 0 | 1 | Extract motor high current limit |
| Fan, Extract drive | Alarm | Standard | FCextMtrAlrRip | 1x0089 | 4.18 | BI66 | 4.18 | 0 | 1 | ExtractMotor V Ripple Alarm |
| Heat exchanger drive | Status | Standard | EXC_ON | 1x0090 | x.xx | BI68 | x.xx | 0 | 1 | Rotary heat exchanger – motor control ON/OFF(only with OJ-RHX2M) |
| Heat exchanger drive | Status | Standard | EXC_Reset | 1x0091 | x.xx | BI69 | x.xx | 0 | 1 | Rotary heat exchanger – reset signal (only with OJ-RHX2M) |
| Heat exchanger drive | Status | Standard | EXC_Direction | 1x0092 | x.xx | BI70 | x.xx | 0 | 1 | Rotary heat exchanger – rotation direction (only with OJ-RHX2M) |
| Heat exchanger drive | Alarm | Standard | EXC_RotAlarm | 1x0093 | x.xx | BI71 | x.xx | 0 | 1 | Rotary heat exchanger – rotation alarm (only with OJ-RHX2M) |
| Heat exchanger drive | Alarm | Standard | EXC_VloAlarm | 1x0094 | x.xx | BI72 | x.xx | 0 | 1 | Rotary heat exchanger – low voltage alarm (only with OJ-RHX2M) |
| Heat exchanger drive | Alarm | Standard | EXC_VhiAlarm | 1x0095 | x.xx | BI73 | x.xx | 0 | 1 | Rotary heat exchanger – high voltage alarm(only with OJ-RHX2M) |
| Heat exchanger drive | Alarm | Standard | EXC_IhiAlarm | 1x0096 | x.xx | BI74 | x.xx | 0 | 1 | Rotary heat exchanger – high current alarm (only with OJ-RHX2M) |
| Heat exchanger drive | Alarm | Standard | EXC_TempAlarm | 1x0097 | x.xx | BI75 | x.xx | 0 | 1 | Rotary heat exchanger – temperature alarm (only with OJ-RHX2M) |
| Heat exchanger drive | Status | Standard | EXC_RotSignal | 1x0098 | x.xx | BI76 | x.xx | 0 | 1 | Rotary heat exchanger – rotation signal (only with OJ-RHX2M) |
| Heat exchanger drive | Alarm | Standard | EXC_Overload | 1x0099 | x.xx | BI77 | x.xx | 0 | 1 | Rotary heat exchanger – torque overload (only with OJ-RHX2M) |
| Preheater coil, electric | Status | Standard | PH_PowReduce | 1x0100 | x.xx | BI93 | x.xx | 0 | 1 | Pre-heating coil - Output reduction, low air volume |
| Preheater coil, water | Status | Standard | PHFrostReqAct | 1x0101 | x.xx | BI89 | x.xx | 0 | 1 | Pre-heating coil - Relay for active heating/cooling |
| Preheater coil | Status | Standard | PHHeatRelay | 1x0102 | x.xx | BI91 | x.xx | 0 | 1 | Pre-heating coil - Frost protection active |
| Preheater coil, water | Alarm | Standard | PHFrzAlrCool | 1x0103 | x.xx | BI301 | 6.51 | 0 | 1 | Pre-heating coil - Frost alarm, cooling |
| Preheater coil, electric | Alarm | Standard | PH_Overheat | 1x0104 | x.xx | BI92 | x.xx | 0 | 1 | Pre-heating coil - Overheating fault |
| Preheater coil, water | Alarm | Standard | PH_HWBSensErr | 1x0105 | x.xx | BI94 | x.xx | 0 | 1 | Pre-heating coil - Return sensor - Sensor fault |
| Preheater coil, water | Alarm | Standard | PHFreezeAlarm | 1x0106 | x.xx | BI88 | x.xx | 0 | 1 | Pre-heating coil - Frost alarm |
| Preheater coil | Status | Standard | PHHeatRelay2 | 1x0107 | x.xx | BI226 | x.xx | 0 | 1 | Preheater - heat relay 2 |
| Preheater coil | Status | Special | PHHeatRelay3 | 1x0108 | x.xx | BI176 | x.xx | 0 | 1 | Pre-heating coil - Heat relay 3 (Heat/Cool) |
| Preheater coil, water | Status | Standard | PHPumpExer | 1x0109 | 4.18 | BI90 | 4.18 | 0 | 1 | Pre-heater Pump exercise active |
| Heat pump | Status | Special | HP_CoolingActv | 1x0110 | x.xx | BI108 | x.xx | 0 | 1 | Changeover relay heatpump active |
| Heat pump | Status | Special | HP_De-icingAct | 1x0111 | x.xx | BI109 | x.xx | 0 | 1 | Status bit: De-icing of heatpump |
| Cooling coil | Status | Special | NO_CStopRTStat | 1x0112 | x.xx | BI107 | x.xx | 0 | 1 | Cooling stopped by room temperature |
| Cooling coil | Status | Special | NO_CRecovStat | 1x0113 | x.xx | BI106 | x.xx | 0 | 1 | Coolrecovery over damper active ("1" = Open damper) |
| Heat exchanger | Alarm | Special | AlrNoREXCali | 1x0114 | x.xx | BI104 | x.xx | 0 | 1 | Alarm - pressure transmitter not calibrated (Ice guard rotor heat exchanger) |
| Heat exchanger | Alarm | Special | AlrSensREXNC | 1x0115 | x.xx | BI105 | x.xx | 0 | 1 | Alarm - pressure transmitter not configered (Ice guard rotor heat exchanger) |
| Heat exchanger | Alarm | Special | AlrRexFrozen | 1x0116 | x.xx | BI110 | x.xx | 0 | 1 | Alarm - rotor heat exchanger blocked by ice (high pressure over rotor wheel) |
| Heat exchanger | Alarm | Special | AlrRexDusty | 1x0117 | x.xx | BI111 | x.xx | 0 | 1 | Alarm - rotor heat exchanger blocked by dirt (high pressure over rotor wheel) |
| Heat exchanger | Alarm | Standard | AlrEXCEffToLow | 1x0118 | 4.18 | BI95 | 4.18 | 0 | 1 | Alarm - Heat recovery efficiency below alarm limit |
| Damper, Fire | Alarm | Standard | AlrFireDmpNCls | NA | NA | BI308 | 6.51 | 0 | 1 | Alarm, Fire damper not closed |
| Damper, Fire | Alarm | Standard | AlrFireDmpNOpn | NA | NA | BI309 | 6.51 | 0 | 1 | Alarm, Fire damper not open |
| Damper, Fire | Status | Standard | FireDmpTstActv | NA | NA | BI310 | 6.51 | 0 | 1 | Fire damper test is ongoing |
| Fan Supply Backup | Alarm | Standard | SupBMotorAlarm | 1x0119 | 6.51 | BI295 | 6.51 | 0 | 1 | Supply Backup Motor Alarm |
| Fan Exhaust Backup | Alarm | Standard | ExhBMotorAlarm | 1x0120 | 6.51 | BI296 | 6.51 | 0 | 1 | Exhaust Backup Motor Alarm |
| Heat pump | Status | Special | HP_TSExtAirErr | 1x0121 | 6.51 | BI311 | 6.51 | 0 | 1 | Temperature sensor extract air after HeatPump - Sensor fault |
| Motor Supply Backup | Alarm | Standard | AlrSupBMtr | 1x0329 | 6.51 | BI292 | 6.51 | 0 | 1 | SupBackupMotor Alarm |
| Motor Exhaust Backup | Alarm | Standard | AlrExhBMtr | 1x0330 | 6.51 | BI293 | 6.51 | 0 | 1 | ExhBackupMotor Alarm |
| AHU controller | Alarm | Special | AggBlkAlr | 1x0331 | 6.54 | BI312 | 6.54 | 0 | 1 | Start of AHU is blocked, if mounted and open |
| Heating Coil #1 or #2 | Fire | Special | FireEHtCoilAlr | 1x0332 | 6.54 | BI313 | 6.54 | 0 | 1 | Firethermostat alarm via Digital Input "Electric heating coil, fire thermostat" |
| Heating Coil Pre-Heater | Fire | Special | FireEPrHeatAlr | 1x0333 | 6.54 | BI314 | 6.54 | 0 | 1 | Firethermostat alarm via Digital Input "El pre-heating coil, fire thermostat" |
| Heating coil 2, Water | Alarm | Standard | HW2SensErr | 1x0150 | x.xx | BI86 | x.xx | 0 | 1 | Heating coil 2 - Return sensor - Sensor fault |
| Heating coil 2, Water | Alarm | Standard | HW2FrostAlr | 1x0151 | x.xx | BI87 | x.xx | 0 | 1 | Heating coil 2 - Frost alarm |
| Heating coil 2, Water | Status | Standard | HW2FrostReq | 1x0152 | x.xx | BI84 | x.xx | 0 | 1 | Heating coil 2 - Frost control active |
| Heating coil 2, Water | Status | Standard | HW2PumpExer | 1x0153 | x.xx | BI85 | x.xx | 0 | 1 | Heating coil 2 - Circulation pump, pump exercising active |
| Heater coil 2 | Status | Standard | Heat_RE2 | 1x0154 | x.xx | BI278 | 4.22 | 0 | 1 | Heating relay 2 (ExtMod-Reserve) |
| Heating coil 2, Electric | Status | Special | Heat_RE21 | 1x0155 | x.xx | BI212 | x.xx | 0 | 1 | Heating relay 21 (ExtMod-Reserve) |
| Heating coil 2, Electric | Status | Special | Heat_RE22 | 1x0156 | x.xx | BI213 | x.xx | 0 | 1 | Heating relay 22 (ExtMod-Reserve) |
| Heating coil 2, Electric | Status | Special | Heat_RE23 | 1x0157 | x.xx | BI214 | x.xx | 0 | 1 | Heating relay 23 (ExtMod-Reserve) |
| Heating coil 2, Electric | Status | Special | Heat_RE24 | 1x0159 | x.xx | BI215 | x.xx | 0 | 1 | Heating relay 24 (ExtMod-Reserve) |
| Heating coil 2, Electric | Status | Special | Heat_RE25 | 1x0160 | x.xx | BI216 | x.xx | 0 | 1 | Heating relay 25 (ExtMod-Reserve) |
| Temp. sensor | Alarm | Special | AddOnTSens1Err | 1x0161 | x.xx | BI79 | x.xx | 0 | 1 | Add on sensor 1 - Sensor fault |
| Temp. sensor | Alarm | Special | AddOnTSens2Err | 1x0162 | x.xx | BI80 | x.xx | 0 | 1 | Add on sensor 2 - Sensor fault |
| Temp. sensor | Alarm | Special | AddOnTSens3Err | 1x0163 | x.xx | BI81 | x.xx | 0 | 1 | Add on sensor 3 - Sensor fault |
| Temp. sensor | Alarm | Special | AddOnTSens4Err | 1x0164 | x.xx | BI82 | x.xx | 0 | 1 | Add on sensor 4 - Sensor fault |
| Heating coil 1, Water | Alarm | Standard | HW_StatLuftAlr | 1x0165 | x.xx | BI302 | 6.51 | 0 | 1 | Status frost thermostat alarm (digital input) |
| Heat exchanger | Alarm | Standard | AlrFrzBattEXC | 1x0166 | x.xx | BI100 | x.xx | 0 | 1 | Frost alarm fluid-coupled coil (CoilEXC) |
| Humidifier | Alarm | Standard | HumidAlrInp | 1x0169 | x.xx | BI303 | 6.51 | 0 | 1 | Humidifier alarm status |
| Combi coil | Alarm | Standard | CombiTSenErr | 1x0170 | x.xx | BI279 | 4.22 | 0 | 1 | Combi coil - Return sensor - Sensor fault |
| Combi coil | Alarm | Standard | CombiFrostAlrH | 1x0171 | x.xx | BI280 | 4.22 | 0 | 1 | Combi coil - Frost alarm |
| Combi coil | Status | Standard | CombiFrostReq | 1x0172 | x.xx | BI281 | 4.22 | 0 | 1 | Combi coil - Frost protection active |
| Combi coil | Status | Standard | CombiPumpExer | 1x0173 | x.xx | BI282 | 4.22 | 0 | 1 | Combi coil - Circulation pump, pump exercising active |
| Combi coil | Status | Standard | CombiCoolRel | 1x0174 | x.xx | BI283 | 4.22 | 0 | 1 | Combi coil; Cooling relay aktive |
| Combi coil | Status | Standard | CombiHeatRel | 1x0175 | x.xx | BI284 | 4.22 | 0 | 1 | Combi coil; Heating relay aktive |
| Heating coil 2 | Status | Special | Ht2DelayStatus | 1x0176 | x.xx | BI113 | x.xx | 0 | 1 | Special customer code: Status timer Heat2 |
| Heating coil 2 | Status | Special | Ht2RecBlkAct | 1x0177 | x.xx | BI115 | x.xx | 0 | 1 | Special customer code: Blokcing Heat2 in recirkulation mode = Aktivated |
| Heating coil 2 | Status | Special | Ht2FlowChgAct | 1x0178 | x.xx | BI112 | x.xx | 0 | 1 | Special customer code: Flow changed caused Heat2 is aktivated |
| Damper, Recirculation | Status | Special | IntRecFlowStat | 1x0179 | x.xx | BI116 | x.xx | 0 | 1 | Special customer code: Status low flow during 100% recirkulation |
| Damper, Recirculation | Status | Special | RecClosDmpAct | 1x0180 | x.xx | BI117 | x.xx | 0 | 1 | Special customer code: Recirkulation damper is closed |
| Heating coil 2 | Status | Special | HT2DelLimBlkNo | 1x0181 | x.xx | BI114 | x.xx | 0 | 1 | Special customer code: Limitting Heat2 is not activated |
| AHU controller | Status | Special | NO_CStopStat | 1x0182 | x.xx | BI304 | 6.51 | 0 | 1 | Special customer code: Outsdoor air cooling: Stop activated |
| Heating coil 1 | Status | Special | HW1RiFaActiv | 1x0183 | x.xx | BI118 | x.xx | 0 | 1 | Max. raise-/fall-time is aktivated |
| Damper, Smoke evac. | Alarm | Special | Alr_FireEvaDmp | 1x0184 | x.xx | BI277 | 4.22 | 0 | 1 | Alarm smoke evacuation damper is activated ("1" = Open damper) |
| Fan, Supply drive 2 | Alarm | Special | EC2supMtAlrVlo | 1x0185 | x.xx | BI120 | x.xx | 0 | 1 | OJ-EC/-DV 2-supply air motor voltage low alarm |
| Fan, Supply drive 2 | Alarm | Special | EC2supMtAlrVhi | 1x0186 | x.xx | BI121 | x.xx | 0 | 1 | OJ-EC/-DV 2-supply air motor voltage high alarm |
| Fan, Supply drive 2 | Alarm | Special | EC2supMtAlrIhi | 1x0187 | x.xx | BI122 | x.xx | 0 | 1 | OJ-EC/-DV 2-supply air motor high current limit alarm |
| Fan, Supply drive 2 | Alarm | Special | EC2supMtAlrTmp | 1x0188 | x.xx | BI123 | x.xx | 0 | 1 | OJ-EC/-DV 2-supply air motor temperature alarm |

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| Fan, Supply drive 2 | Alarm | Special | EC2supMtAlrPhs | 1x0189 | x.xx | BI124 | x.xx | 0 | 1 | | OJ-EC/-DV 2-supply air motor alarm for phase error |
| Fan, Supply drive 2 | Alarm | Special | EC2supRotBlok | 1x0190 | x.xx | BI126 | x.xx | 0 | 1 | | OJ-EC/-DV 2-supply air motor alarm for blocked rotor |
| Fan, Supply drive 2 | Alarm | Special | EC2supMtlhiLim | 1x0191 | x.xx | BI119 | x.xx | 0 | 1 | | OJ-EC/-DV 2-supply/supply air motor high current limit; shortcuit protection |
| Fan, Extract drive 2 | Alarm | Special | EC2extMtAlrVlo | 1x0192 | x.xx | BI128 | x.xx | 0 | 1 | | OJ-EC/-DV 2-extract/exhaust motor voltage low alarm |
| Fan, Extract drive 2 | Alarm | Special | EC2extMtAlrVhi | 1x0193 | x.xx | BI129 | x.xx | 0 | 1 | | OJ-EC/-DV 2-extract/exhaust motor voltage high alarm |
| Fan, Extract drive 2 | Alarm | Special | EC2extMtAlrIhi | 1x0194 | x.xx | BI130 | x.xx | 0 | 1 | | OJ-EC/-DV 2-extract/exhaust motor high current limit alarm |
| Fan, Extract drive 2 | Alarm | Special | EC2extMtAlrTmp | 1x0195 | x.xx | BI131 | x.xx | 0 | 1 | | OJ-EC/-DV 2-extract/exhaust motor temperature alarm |
| Fan, Extract drive 2 | Alarm | Special | EC2extMtAlrPhs | 1x0196 | x.xx | BI132 | x.xx | 0 | 1 | | OJ-EC/-DV 2-extract/exhaust motor alarm for phase error |
| Fan, Extract drive 2 | Alarm | Special | EC2extRotBlok | 1x0197 | x.xx | BI134 | x.xx | 0 | 1 | | OJ-EC/-DV 2-extract/exhaust motor alarm for blocked rotor |
| Fan, Extract drive 2 | Alarm | Special | EC2extMtlhiLim | 1x0198 | x.xx | BI127 | x.xx | 0 | 1 | | OJ-EC/-DV 2-extract/exhaust motor high current limit; shortcuit protection |
| Temp. sensor | Alarm | Standard | AlrTTH6202Com | 1x0199 | x.xx | BI155 | x.xx | 0 | 1 | | TTH-6202 communication error |
| Fan, Supply drive | Alarm | Standard | ECsupMtrAlrVlo | 1x0200 | x.xx | BI138 | x.xx | 0 | 1 | | OJ-EC/-DV-supply air motor voltage low alarm |
| Fan, Supply drive | Alarm | Standard | ECsupMtrAlrVhi | 1x0201 | x.xx | BI139 | x.xx | 0 | 1 | | OJ-EC/-DV-supply air motor voltage high alarm |
| Fan, Supply drive | Alarm | Standard | ECsupMtrAlrIhi | 1x0202 | x.xx | BI140 | x.xx | 0 | 1 | | OJ-EC/-DV-supply air motor high current limit alarm |
| Fan, Supply drive | Alarm | Standard | ECsupMtrAlrTmp | 1x0203 | x.xx | BI141 | x.xx | 0 | 1 | | OJ-EC/-DV-supply air motor temperature alarm |
| Fan, Supply drive | Alarm | Standard | ECsupMtrAlrPhs | 1x0204 | x.xx | BI142 | x.xx | 0 | 1 | | OJ-EC/-DV-supply air motor alarm for phase error |
| Fan, Supply drive | Alarm | Standard | ECsupRotBloked | 1x0205 | x.xx | BI144 | x.xx | 0 | 1 | | OJ-EC/-DV-supply air motor alarm for blocked rotor |
| Fan, Supply drive | Alarm | Standard | ECsupMtrIhiLim | 1x0206 | x.xx | BI137 | x.xx | 0 | 1 | | OJ-EC/-DV-supply air motor high current limit; shortcuit protection |
| Fan, Extract drive | Alarm | Standard | ECextMtrAlrVlo | 1x0207 | x.xx | BI146 | x.xx | 0 | 1 | | OJ-EC/-DV-extract/exhaust motor voltage low alarm |
| Fan, Extract drive | Alarm | Standard | ECextMtrAlrVhi | 1x0208 | x.xx | BI147 | x.xx | 0 | 1 | | OJ-EC/-DV-extract/exhaust motor voltage high alarm |
| Fan, Extract drive | Alarm | Standard | ECextMtrAlrIhi | 1x0209 | x.xx | BI148 | x.xx | 0 | 1 | | OJ-EC/-DV-extract/exhaust motor high current limit alarm |
| Fan, Extract drive | Alarm | Standard | ECextMtrAlrTmp | 1x0210 | x.xx | BI149 | x.xx | 0 | 1 | | OJ-EC/-DV-extract/exhaust motor temperature alarm |
| Fan, Extract drive | Alarm | Standard | ECextMtrAlrPhs | 1x0211 | x.xx | BI150 | x.xx | 0 | 1 | | OJ-EC/-DV-extract/exhaust motor alarm for phase error |
| Fan, Extract drive | Alarm | Standard | ECextRotBloked | 1x0212 | x.xx | BI152 | x.xx | 0 | 1 | | OJ-EC/-DV-extract/exhaust motor alarm for blocked rotor |
| Fan, Extract drive | Alarm | Standard | ECextMtrIhiLim | 1x0213 | x.xx | BI145 | x.xx | 0 | 1 | | OJ-EC/-DV-extract/exhaust motor high current limit; shortcuit protection |
| IO Extension module | Alarm | Standard | AlrExtIO1_Comm | 1x0214 | x.xx | BI158 | x.xx | 0 | 1 | | Extention IO-Modul no. 1 - communication error |
| IO Extension module | Alarm | Standard | AlrExtIO2_Comm | 1x0215 | x.xx | BI159 | x.xx | 0 | 1 | | Extention IO-Modul no. 2 - communication error |
| IO Extension module | Alarm | Standard | AlrExtIO3_Comm | 1x0216 | x.xx | BI160 | x.xx | 0 | 1 | | Extention IO-Modul no. 3 - communication error |
| IO Extension module | Alarm | Standard | AlrExtIO4_Comm | 1x0217 | x.xx | BI161 | x.xx | 0 | 1 | | Extention IO-Modul no. 4 - communication error |
| IO Extension module | Alarm | Standard | AlrExtIO5_Comm | 1x0218 | x.xx | BI162 | x.xx | 0 | 1 | | Extention IO-Modul no. 5 - communication error |
| IO Extension module | Alarm | Standard | AlrExtIO6_Comm | 1x0219 | x.xx | BI163 | x.xx | 0 | 1 | | Extention IO-Modul no. 6 - communication error |
| IO Extension module | Alarm | Standard | AlrExtIO7_Comm | 1x0220 | x.xx | BI164 | x.xx | 0 | 1 | | Extention IO-Modul no. 7 - communication error |
| IO Extension module | Alarm | Standard | AlrExtIO8_Comm | 1x0221 | x.xx | BI165 | x.xx | 0 | 1 | | Externalal IO-Modul no. 8 - communication error |
| Temp. sensor | Alarm | Special | AlrAddOnSens1 | 1x0222 | x.xx | BI167 | x.xx | 0 | 1 | | Addon sensor 1 - Sensor error |
| Temp. sensor | Alarm | Special | AlrAddOnSens2 | 1x0223 | x.xx | BI168 | x.xx | 0 | 1 | | Addon sensor 2 - Sensor error |
| Temp. sensor | Alarm | Special | AlrAddOnSens3 | 1x0224 | x.xx | BI169 | x.xx | 0 | 1 | | Addon sensor 3 - Sensor error |
| Temp. sensor | Alarm | Special | AlrAddOnSens4 | 1x0225 | x.xx | BI170 | x.xx | 0 | 1 | | Addon sensor 4 - Sensor error |
| Cooling, DX | Status | Special | ROHRiFaActiv | 1x0226 | x.xx | BI174 | x.xx | 0 | 1 | | Special customer code functionality |
| Combi coil | Status | Standard | CmbEnCtrlMB | NA | x.xx | BI175 | 4.18 | 0 | 1 | 0 | CombiCoil enable Heat/Cool ctrl via MB |
| Combi coil | Status | Standard | Cmb2CoolRel | 1x0227 | x.xx | BI173 | x.xx | 0 | 1 | | Combi coil; Cooling relay no. 2 aktive |
| Fan, Supply drive | Alarm | Standard | ECsupEEP_Err | 1x0228 | x.xx | BI178 | x.xx | 0 | 1 | | Supply air fan EEprom error |
| Fan, Supply drive 2 | Alarm | Special | EC2supEEP_Err | 1x0229 | x.xx | BI179 | x.xx | 0 | 1 | | Supply air fan 2 EEprom error |
| Fan, Extract drive | Alarm | Standard | ECextEEP_Err | 1x0230 | x.xx | BI180 | x.xx | 0 | 1 | | Exhaust air fan EEprom error |
| Fan, Extract drive 2 | Alarm | Special | EC2extEEP_Err | 1x0231 | x.xx | BI181 | x.xx | 0 | 1 | | Exhaust air fan 2 EEeprom error |
| Temp. sensor | Alarm | Standard | TTH6040ComAlr | 1x0232 | x.xx | BI182 | x.xx | 0 | 1 | | TTH-6040 communikation error |
| Cooling, DX | Alarm | Special | LowOilDXHPAlr | 1x0233 | x.xx | BI183 | x.xx | 0 | 1 | | Low oil level cooling compressor |
| AHU controller | Fire | Standard | AlrFireManStop | 1x0234 | x.xx | BI203 | x.xx | 0 | 1 | | Fire mann stop |
| Damper, Smoke evac. | Smoke | Standard | AlrSmokEvac | 1x0235 | x.xx | BI204 | x.xx | 0 | 1 | | Smoke evacuation activated |
| Temp. Room | Alarm | Standard | BMSRoomTOOR | 1x0236 | x.xx | BI201 | x.xx | 0 | 1 | | BMS room sensor out of range |
| Temp. Out door | Alarm | Standard | BMSOutDTOOR | 1x0237 | x.xx | BI202 | x.xx | 0 | 1 | | BMS outdoor temperature out of range |
| Fan, Smoke evac. | Alarm | Standard | AlrSmokEvaFan | 1x0238 | x.xx | BI205 | x.xx | 0 | 1 | | Smoke evacuation fan alarm |
| | | Standard | TTH6040OutDAlr | 1x0239 | 6.51 | BI294 | 6.51 | 0 | 1 | | Sensor alarm TTH6040 OutDoor no Com (port A) |
| Damper, Fresh air | Status | Standard | StatInleRel | 1x0240 | x.xx | BI206 | x.xx | 0 | 1 | | Output for outdoor air/exhaust air active ("1" = Open damper) |
| Damper, Supply air | Status | Standard | StatSupRel | 1x0241 | x.xx | BI207 | x.xx | 0 | 1 | | Output for supply air damper aktive |
| Damper, Recirculation | Status | Standard | StatRecRel | 1x0242 | x.xx | BI208 | x.xx | 0 | 1 | | Output for recircutation damper aktive ("1" = Open damper) |
| Temp. Out door | Alarm | Standard | ExOutDSensErr | 1x0243 | x.xx | BI209 | x.xx | 0 | 1 | | External outdoor temperature sensor - sensor error |
| Preheater coil, water | Alarm | Standard | PHTempSensErr | 1x0244 | x.xx | BI210 | x.xx | 0 | 1 | | Temperature sensor pre-heater - sensor error |
| Cooling coil | Alarm | Standard | CW_TSensErr | 1x0245 | x.xx | BI211 | x.xx | 0 | 1 | | Cooling water supply temperature - sensor error |
| Heating coil 1, Electric | Status | Standard | Heat_RE26 | 1x0246 | x.xx | BI217 | x.xx | 0 | 1 | | Heating relay26 (ExtMod-Reserve) |
| Combi coil | Status | Standard | Combi_PumpRE | 1x0247 | x.xx | BI218 | x.xx | 0 | 1 | | Pump relay combi coil activated |
| Heating coil 2, Electric | Alarm | Standard | EL2_OverHtBac | 1x0248 | x.xx | BI221 | x.xx | 0 | 1 | | Electric coil 2: High temperature alarm signal |
| Heating coil 2, Electric | Alarm | Standard | AlrBat2Contact | 1x0249 | x.xx | BI222 | x.xx | 0 | 1 | | Electric coil 2: Relay stuck |
| Filter | Alarm | Standard | OutFiltAlrOn | 1x0250 | x.xx | BI223 | x.xx | 0 | 1 | | Alarm - Time is out for filter change supply air filter |
| Filter | Alarm | Standard | ExtFiltAlrOn | 1x0251 | x.xx | BI224 | x.xx | 0 | 1 | | Alarm - Time is out for filter change exhaust air filter |
| Filter | Calibration | Standard | FiltCaliDone | NA | NA | BI227 | x.xx | 0 | 1 | 0 | Filter Calibration done (valid filterpress data) DYNAMICMODE ONLY |
| Fan | Speed | Standard | ExtDrfMePeriod | NA | NA | BI228 | x.xx | 0 | 1 | 0 | Input for forced medium speed |
| Fan, Supply drive | Alarm | Standard | FCAlrSupPoLim | 1x0252 | x.xx | BI229 | x.xx | 0 | 1 | | Alarm - Supply air fan, Power limit |
| Fan, Extract drive | Alarm | Standard | FCAlrExtPoLim | 1x0253 | x.xx | BI230 | x.xx | 0 | 1 | | Alarm - Exhaust air fan, Power limit |
| Fan, Supply drive | Alarm | Standard | FCAlrSupDVRBlk | 1x0254 | x.xx | BI231 | x.xx | 0 | 1 | | Alarm - Supply air fan DV-FC Rotor bloked |
| Fan, Extract drive | Alarm | Standard | FCAlrExtDVRBlk | 1x0255 | x.xx | BI232 | x.xx | 0 | 1 | | Alarm - Exhaust air fan, DV-FC Rotor bloked |
| Fan, Supply drive | Alarm | Standard | DVAlrSuplStop | 1x0256 | x.xx | BI233 | x.xx | 0 | 1 | | Alarm - Supply air fan1, High Current Stop |
| Fan, Supply drive 2 | Alarm | Standard | DV2AlrSuplStop | 1x0257 | x.xx | BI235 | x.xx | 0 | 1 | | Alarm - Supply air fan2, High Current Stop |
| Fan, Extract drive | Alarm | Standard | DVAlrExtIStop | 1x0258 | x.xx | BI234 | x.xx | 0 | 1 | | Alarm - Exhaust air fan1, High Current Stop |
| Fan, Extract drive 2 | Alarm | Standard | DV2AlrExtIStop | 1x0259 | x.xx | BI236 | x.xx | 0 | 1 | | Alarm - Exhaust air fan2, High Current Stop |
| Combi coil | Status | Standard | CmbHeatState | 1x0260 | x.xx | BI237 | x.xx | 0 | 1 | | Status combi coil = Heating |
| Combi coil | Status | Standard | CmbCoolState | 1x0261 | x.xx | BI238 | x.xx | 0 | 1 | | Status combi coil = Heating |
| Preheater coil, electric | Alarm | Standard | Pre_OverHtBac | 1x0262 | x.xx | BI239 | x.xx | 0 | 1 | | Alarm = over heating pre-heater |
| Preheater coil, electric | Alarm | Standard | AlrPrhContact | 1x0263 | x.xx | BI240 | x.xx | 0 | 1 | | Alarm = preheater relay hanging |
| Fan, Supply drive | Alarm | Standard | ECSupHilOAlr | 1x0264 | x.xx | BI241 | x.xx | 0 | 1 | | Alarm OJ-EC/-DV supply air = High IO current |
| Fan, Extract drive | Alarm | Standard | ECExtHilOAlr | 1x0265 | x.xx | BI242 | x.xx | 0 | 1 | | Alarm OJ-EC/-DV extract air = High IO current |
| Fan, Supply drive 2 | Alarm | Special | EC2SupHilOAlr | 1x0266 | x.xx | BI243 | x.xx | 0 | 1 | | Alarm OJ-EC/-DV2 supply air = High IO current |
| Fan, Extract drive 2 | Alarm | Special | EC2ExtHilOAlr | 1x0267 | x.xx | BI244 | x.xx | 0 | 1 | | Alarm OJ-EC/-DV2 extract air = High IO current |
| CVM Mini Meter | Alarm | Standard | AlrCommCVMMini | 1x0268 | 4.21 | BI305 | 6.51 | 0 | 1 | | Communication CVM Mini Meter |
| CVM Mini Meter | Alarm | Standard | AlrCommCVMCool | 1x0269 | 4.21 | BI306 | 6.51 | 0 | 1 | | Communication CVM Mini Cool Meter |
| Fan, supply | Alarm | Standard | AlrSupFanStop | 1x0270 | 4.18 | BI245 | 4.18 | 0 | 1 | | B-Alr SupFan is stopped |
| HMI display | Alarm | Standard | AlrComHMI20 | 1x0271 | 4.18 | BI307 | 6.51 | 0 | 1 | | A-Alr Comm Error HMI20 |
| Damper, Smoke evac. | Alarm | Special | AlrSMEvacDmp | 1x0272 | 4.18 | BI246 | 4.18 | 0 | 1 | | Smoke Evac Damper not in position |
| Damper, Smoke evac. | Alarm | Special | AlrSMBPassDmp | 1x0273 | 4.18 | BI247 | 4.18 | 0 | 1 | | Smoke Bypass Damper not in position |
| Pressure | Alarm | Standard | DPTH_1ComAlr | 1x0274 | 4.18 | BI248 | 4.18 | 0 | 1 | | Communication Alarm DPTH1 |
| Pressure | Alarm | Standard | DPTH_2ComAlr | 1x0275 | 4.18 | BI249 | 4.18 | 0 | 1 | | Communication Alarm DPTH2 |
| Pressure | Alarm | Standard | DPTH_3ComAlr | 1x0276 | 4.18 | BI250 | 4.18 | 0 | 1 | | Communication Alarm DPTH3 |
| Pressure | Alarm | Standard | DPTH_4ComAlr | 1x0277 | 4.18 | BI251 | 4.18 | 0 | 1 | | Communication Alarm DPTH4 |
| Pressure | Alarm | Standard | DPTH_5ComAlr | 1x0278 | 4.18 | BI252 | 4.18 | 0 | 1 | | Communication Alarm DPTH5 |
| Filter | Alarm | Standard | SupFilt2AlrOn | 1x0279 | 4.18 | BI255 | 4.18 | 0 | 1 | | Alarm from Supplyfilter2filtertimer |
| Filter | Alarm | Standard | ExtFilt2AlrOn | 1x0280 | 4.18 | BI256 | 4.18 | 0 | 1 | | Alarm from Extractfilter2timer |
| Heating | Alarm | Standard | AlrFrostLuft | 1x0281 | 4.18 | BI83 | 4.18 | 0 | 1 | | Alarm frost thermostat alarm (digital input) |
| Fan, Supply drive 2 | Alarm | Special | EC2sup_ErrDir | 1x0282 | 4.18 | BI125 | 4.18 | | | | OJ-EC/-DV2-Supply air motor Direction error |
| Fan, Extract drive 2 | Alarm | Special | EC2ext_ErrDir | 1x0283 | 4.18 | BI133 | 4.18 | 0 | 1 | | OJ-EC/-DV-ExtractMotor Direction error |
| Fan, Supply drive 2 | Alarm | Special | AlrEC2SupCom | 1x0284 | 4.18 | BI135 | 4.18 | 0 | 1 | | OJ-EC/-DV2 Supply Comm Alarm |
| Fan, Extract drive 2 | Alarm | Special | AlrEC2ExtCom | 1x0285 | 4.18 | BI136 | 4.18 | 0 | 1 | | OJ-EC/-DV2 Extract Comm Alarm |
| Fan, Supply drive | Alarm | Standard | ECsup_ErrDir | 1x0286 | 4.18 | BI143 | 4.18 | 0 | 1 | | OJ-EC/-DV-SupplyMotor Direction error |
| Fan, Extract drive | Alarm | Standard | ECext_ErrDir | 1x0287 | 4.18 | BI151 | 4.18 | 0 | 1 | | OJ-EC/-DV-ExtractMotor Direction error |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fan, Supply drive | Alarm | Standard | AlrOJ_ECS_Comm | | 1x0288 | 4.18 | BI153 | 4.18 | 0 | 1 | | | OJ-EC/-DV Supply Comm Alarm |
| Fan, Extract drive | Alarm | Standard | AlrOJ_ECE_Comm | | 1x0289 | 4.18 | BI154 | 4.18 | 0 | 1 | | | OJ-EC/-DV Extract Comm Alarm |
| Damper, Smoke evac. | Alarm | Special | AlrBDRes7Com | | 1x0290 | 4.18 | BI156 | 4.18 | 0 | 1 | | | Communication Alarm Belimo ResNo7 Damper |
| Damper, Smoke evac. | Alarm | Special | AlrBDRes7Pos | | 1x0291 | 4.18 | BI157 | 4.18 | 0 | 1 | | | Position Alarm Belimo ResNo7 Damper |
| Temp. sensor | Alarm | Special | AlrSupTemp2 | | 1x0292 | 4.18 | BI166 | 4.18 | 0 | 1 | | | Supplysensor 2 alarm |
| Fan, Supply drive | Alarm | Standard | AlrSupMtr | | 1x0293 | 4.18 | BI171 | 4.18 | 0 | 1 | | | SupMotor Alarm |
| Fan, Extract drive | Alarm | Standard | AlrExtMtr | | 1x0294 | 4.18 | BI172 | 4.18 | 0 | 1 | | | ExtMotor Alarm |
| Fan, ATV drive | Alarm | Special | AlrAtvSupComm | | 1x0295 | 4.18 | BI96 | 4.18 | 0 | 1 | | | Alarm Atv Communication alarm Supply |
| Fan, ATV drive | Alarm | Special | AlrAtvExtComm | | 1x0296 | 4.18 | BI97 | 4.18 | 0 | 1 | | | Alarm Atv Ccommunication alarm Extract |
| Fan, ATV drive | Alarm | Special | AlrAtvSupFC | | 1x0297 | 4.18 | BI98 | 4.18 | 0 | 1 | | | Alarm Atv FC Supply |
| Fan, ATV drive | Alarm | Special | AlrAtvExtFC | | 1x0298 | 4.18 | BI99 | 4.18 | 0 | 1 | | | Alarm Atv FC Extract |
| Preheater coil, electric | Alarm | Special | AlrDelceCont | | 1x0299 | 4.18 | BI101 | 4.18 | 0 | 1 | | | Contact error Delcer El-coil |
| Preheater coil, electric | Alarm | Special | AlrDelceOverh | | 1x0300 | 4.18 | BI102 | 4.18 | 0 | 1 | | | Delcer overheatingsalarm El-coil |
| Preheater coil, electric | Alarm | Special | AlrDelceReduc | | 1x0301 | 4.18 | BI103 | 4.18 | 0 | 1 | | | Delcer power reduction alarm El-coil |
| Fan, Extract drive | Alarm | Standard | ExtMotorAlarm | | 1x0302 | 4.18 | BI60 | 4.18 | 0 | 1 | | | ExtractMotor ON/OFF |
| Zone, PIR | Status | Standard | ZM_PIR | | 1x0303 | 4.19 | BI257 | 4.19 | 0 | 1 | | | ZoneControl PIR Active |
| Zone 1 | Status | Standard | ZM1_WinFrost | | 1x0304 | 4.19 | BI258 | 4.19 | 0 | 1 | | | ZoneModule 1 - WindowFrost Value |
| Zone 1 | Status | Standard | ZM1_PIR | | 1x0305 | 4.19 | BI259 | 4.19 | 0 | 1 | | | ZoneModule 1 - PIR Active |
| Zone 1 | Status | Standard | ZM1_RoomTmpErr | | 1x0306 | 4.19 | BI260 | 4.19 | 0 | 1 | | | ZoneModule 1 - Room Temp Sensor Error |
| Zone 1 | Status | Standard | ZM1_SupTempErr | | 1x0307 | 4.19 | BI261 | 4.19 | 0 | 1 | | | ZoneModule 1 - Supply Temp Sensor Error |
| Zone 2 | Status | Standard | ZM2_WinFrost | | 1x0308 | 4.19 | BI262 | 4.19 | 0 | 1 | | | ZoneModule 2 - WindowFrost Value |
| Zone 2 | Status | Standard | ZM2_PIR | | 1x0309 | 4.19 | BI263 | 4.19 | 0 | 1 | | | ZoneModule 2 - PIR Active |
| Zone 2 | Status | Standard | ZM2_RoomTmpErr | | 1x0310 | 4.19 | BI264 | 4.19 | 0 | 1 | | | ZoneModule 2 - Room Temp Sensor Error |
| Zone 2 | Status | Standard | ZM2_SupTempErr | | 1x0311 | 4.19 | BI265 | 4.19 | 0 | 1 | | | ZoneModule 2 - Supply Temp Sensor Error |
| Zone 3 | Status | Standard | ZM3_WinFrost | | 1x0312 | 4.19 | BI266 | 4.19 | 0 | 1 | | | ZoneModule 3 - WindowFrost Value |
| Zone 3 | Status | Standard | ZM3_PIR | | 1x0313 | 4.19 | BI267 | 4.19 | 0 | 1 | | | ZoneModule 3 - PIR Active |
| Zone 3 | Status | Standard | ZM3_RoomTmpErr | | 1x0314 | 4.19 | BI268 | 4.19 | 0 | 1 | | | ZoneModule 3 - Room Temp Sensor Error |
| Zone 3 | Status | Standard | ZM3_SupTempErr | | 1x0315 | 4.19 | BI269 | 4.19 | 0 | 1 | | | ZoneModule 3 - Supply Temp Sensor Error |
| Zone 4 | Status | Standard | ZM4_WinFrost | | 1x0316 | 4.19 | BI270 | 4.19 | 0 | 1 | | | ZoneModule 4 - WindowFrost Value |
| Zone 4 | Status | Standard | ZM4_PIR | | 1x0317 | 4.19 | BI271 | 4.19 | 0 | 1 | | | ZoneModule 4 - PIR Active |
| Zone 4 | Status | Standard | ZM4_RoomTmpErr | | 1x0318 | 4.19 | BI272 | 4.19 | 0 | 1 | | | ZoneModule 4 - Room Temp Sensor Error |
| Zone 4 | Status | Standard | ZM4_SupTempErr | | 1x0319 | 4.19 | BI273 | 4.19 | 0 | 1 | | | ZoneModule 4 - Supply Temp Sensor Error |
| Cooling coil | Status | Standard | Cool_RE2 | | 1x0320 | 4.22 | BI274 | 4.21 | 0 | 1 | | | Cooling Relay 2 |
| Cooling coil | Status | Standard | Cool_RE3 | | 1x0321 | 4.22 | BI275 | 4.21 | 0 | 1 | | | Cooling Relay 3 |
| Cooling coil | Status | Standard | Cool_RE4 | | 1x0322 | 4.22 | BI276 | 4.21 | 0 | 1 | | | Cooling Relay 4 |
| Fan Wall, Supply | Alarm | Standard | SupFanWallAlr | | 1x0323 | 6.30 | BI286 | 6.30 | 0 | 1 | | | Supply Fan wall Alarm (B) |
| Fan Wall, Exhaust | Alarm | Standard | ExtFanWallAlr | | 1x0324 | 6.30 | BI287 | 6.30 | 0 | 1 | | | Extract Fan wall Alarm (B) |
| Damper, Extract air | Status | Standard | ExtDamperSig | | 1x0325 | 6.30 | BI288 | 6.30 | 0 | 1 | | | The extract digital damper output signal ("1" = Open damper) |
| Damper, Exhaust | Status | Standard | ExhDamperSig | | 1x0326 | 6.30 | BI289 | 6.30 | 0 | 1 | | | The exhaust digital damper output signal ("1" = Open damper) |
| Damper, Backup Exhaust | Status | Standard | ExhBDamperSig | | 1x0327 | 6.30 | BI290 | 6.30 | 0 | 1 | | | The exhaust backup digital damper output signal ("1" = Open damper) |
| Damper, Backup Supply | Status | Standard | SupBDamperSig | | 1x0328 | 6.30 | BI291 | 6.30 | 0 | 1 | | | The supply backup digital damper output signal ("1" = Open damper) |
| Fan, supply | Status | Standard | AlrComSupFan | | 1x0500 | x.xx | BI185 | x.xx | 0 | 1 | | | Common Alarm - supply air fan |
| Fan, supply | Alarm | Standard | AlrComSupFlDu | | 1x0501 | x.xx | BI187 | x.xx | 0 | 1 | | | Common Alarm - supply pressure/flow |
| Fan | Alarm | Standard | AlrComExtFan | | 1x0502 | x.xx | BI186 | x.xx | 0 | 1 | | | Common Alarm - extract fan |
| Fan | Alarm | Standard | AlrComExtFlDu | | 1x0503 | x.xx | BI188 | x.xx | 0 | 1 | | | Common Alarm - extract pressure/flow |
| Heating coil, Water | Alarm | Standard | AlrComHWPump | | 1x0504 | x.xx | BI184 | x.xx | 0 | 1 | | | Common Alarm - circulation pump |
| Heat exchanger | Alarm | Standard | AlrComEXC | | 1x0505 | x.xx | BI189 | x.xx | 0 | 1 | | | Common Alarm - heat exchanger |
| Heating coil, Water | Alarm | Standard | AlrComFreeze | | 1x0506 | x.xx | BI190 | x.xx | 0 | 1 | | | Common Alarm - frost |
| Heating coil, Electric | Alarm | Standard | AlrComElHeat | | 1x0507 | x.xx | BI191 | x.xx | 0 | 1 | | | Common Alarm - electric heating coil |
| AHU controller | Alarm | Standard | AlrComTemp | | 1x0508 | x.xx | BI192 | x.xx | 0 | 1 | | | Common Alarm - temperature high/low |
| Filter | Alarm | Standard | AlrComSFilt | | 1x0509 | x.xx | BI193 | x.xx | 0 | 1 | | | Common Alarm - supply filter |
| Filter | Alarm | Standard | AlrComEFilt | | 1x0510 | x.xx | BI194 | x.xx | 0 | 1 | | | Common Alarm - extract filter |
| Temp. sensor | Alarm | Standard | AlrComTmpSens | | 1x0511 | x.xx | BI195 | x.xx | 0 | 1 | | | Common Alarm - temperature sensor |
| Cooling coil | Alarm | Standard | AlrComCool | | 1x0512 | x.xx | BI196 | x.xx | 0 | 1 | | | Common Alarm - cooling |
| Damper, Direct Modbus | Alarm | Standard | AlrComBDamp | | 1x0513 | x.xx | BI197 | x.xx | 0 | 1 | | | Common Alarm Belimo damper ("1" = Open damper) |
| AHU controller | Alarm | Standard | AlrComIntern | | 1x0514 | x.xx | BI198 | x.xx | 0 | 1 | | | Common Alarm - Internal Modbus error |
| AHU controller | Status | Standard | BMS_InpStat | | 1x0515 | 4.18 | BI199 | 4.18 | 0 | 1 | | | Activate BMS control |
| AHU controller | Status | Standard | ExternLowState | | 1x0522 | x.xx | BI200 | x.xx | 0 | 1 | | | Input external low speed |
| AHU controller | Status | Standard | StartInpState | | 1x0523 | x.xx | BI177 | x.xx | 0 | 1 | | | Status external start input |
| **1. Info** | **1. Info** | **1. Info** | **1. Info** | | **Input register (R)** | | **Analog input (R)** | **1. Info** | **1. Info** | **1. Info** | **1. Info** | | **1. Info** |
| AHU controller | Control | Standard | DriftMode | | 3x0001 | x.xx | AI0 | x.xx | 0 | 500 | | | Actual operating mode<br>000-099: Unit stopped<br>100-199: Unit in low speed mode<br>200-299: Unit in high speed mode<br>300-399: Unit in spec. control mode<br>410-414: Unit in medium speed mode |
| Pressure | Current value | Standard | SupDuctPa | Pa | 3x0003 | x.xx | AI1 | x.xx | 0 | 5000 | | | Actual supply duct pressure [Pa] |
| Pressure | Set point | Standard | SupDuctPaRgSet | Pa | 3x0004 | x.xx | AI2 | x.xx | 0 | 2000 | | | Setpoint for supply duct pressure controller [Pa] |
| Pressure | Current value | Standard | ExtDuctPa | Pa | 3x0005 | x.xx | AI3 | x.xx | 0 | 5000 | | | Actual extract duct pressure [Pa] |
| Pressure | Set point | Standard | ExtDuctPaRqSet | Pa | 3x0006 | x.xx | AI4 | x.xx | 0 | 2000 | | | Setpoint for extract duct pressure controller [Pa] |
| Fan | Current value | Standard | SupFlow | l/s | 3x0007 | x.xx | AI5 | x.xx | 0 | 30000 | | | Actual supply flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | Standard | SupFlowRegSet | l/s | 3x0008 | x.xx | AI6 | x.xx | 0 | 30000 | | | Setpoint for supply flow controller [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Current value | Standard | ExtFlow | l/s | 3x0009 | x.xx | AI7 | x.xx | 0 | 30000 | | | Actual extract flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | Standard | ExtFlowRegSet | l/s | 3x0010 | x.xx | AI8 | x.xx | 0 | 30000 | | | Setpoint for extract flow controller [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| CO2 sensor | Current value | Standard | CO2_ppmMeas | ppm | 3x0011 | x.xx | AI9 | x.xx | 0 | 10000 | | | CO2 concentration recorded by CO2 sensor [ppm] |
| Fan | Current value | Standard | MtrFanSupVin | % | 3x0012 | x.xx | AI10 | x.xx | 0 | 10000 | | | 0-10 V DC signal to supply motor |
| Fan | Current value | Standard | MtrFanExtVin | % | 3x0013 | x.xx | AI11 | x.xx | 0 | 10000 | | | 0-10 V DC signal to extract motor |
| Fan optimizer | Current value | Standard | FAN_SupPrcMeas | % | 3x0014 | x.xx | AI12 | x.xx | 0 | 10000 | | | Voltage on fan optimizer input: supply signal [1/100%] |
| Fan optimizer | Current value | Standard | FAN_ExtPrcMeas | % | 3x0015 | x.xx | AI13 | x.xx | 0 | 10000 | | | Voltage on fan optimizer input: extract signal [1/100%] |
| Fan | Set point | Standard | SupFC_MaxFlow | l/s | 3x0016 | x.xx | AI14 | x.xx | 100 | 30000 | 10000 | | Supply FC max. flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | Standard | ExtFC_MaxFlow | l/s | 3x0017 | x.xx | AI15 | x.xx | 100 | 30000 | 10000 | | Extract FC max. flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Temp. Supply | Current value | Standard | SupTemp | °C | 3x0020 | x.xx | AI16 | x.xx | -4000 | 10000 | | | Actual supply temperature [1/100°C] |
| Temp. Supply | Set point | Standard | SupTempRegSet | °C | 3x0021 | x.xx | AI17 | x.xx | 0 | 4000 | | | Setpoint for supply temperature controller [1/100°C] |
| Temp. Extract | Current value | Standard | ExtTemp | °C | 3x0022 | x.xx | AI18 | x.xx | -4000 | 10000 | | | Actual extract temperature [1/100°C] |
| Temp. Extract | Set point | Standard | ExtTempRegSet | °C | 3x0023 | x.xx | AI19 | x.xx | 10 | 4000 | | | Setpoint for extract temperature controller [1/100°C] |
| Temp. out door | Current value | Standard | OutDoorTemp | °C | 3x0024 | x.xx | AI20 | x.xx | -6000 | 10000 | | | Actual outdoor temperature [1/100°C] OBS! Only valid when no external outdoor sensor configured - alternative use AI233 (3x0024) |
| Temp. room | Current value | Standard | RoomTemp | °C | 3x0025 | x.xx | AI21 | x.xx | -4000 | 10000 | | | Actual room temperature [1/100°C] |
| Temp. Exhaust | Current value | Standard | ExhaustTemp | °C | 3x0026 | x.xx | AI22 | x.xx | -4000 | 10000 | | | Actual exhaust temperature [1/100°C] |
| AHU controller | Current value | Standard | TempRegMeas | °C | 3x0027 | x.xx | AI23 | x.xx | -4000 | 10000 | | | Temp. recorded by actual temperature controller [1/100°C] |
| AHU controller | Set point | Standard | TempRegVal | °C | 3x0028 | x.xx | AI24 | x.xx | 0 | 4000 | | | Control value for actual temperature controller [1/100°C] |
| Temp. after heat recovery | Current value | Standard | BattEXC_Temp | °C | 3x0029 | x.xx | AI25 | x.xx | -4000 | 10000 | | | Water coil temperature downstream from heat exchanger [1/100°C] |
| Heating coil 1, Water | Current value | Standard | HW1BattTemp | °C | 3x0030 | x.xx | AI26 | x.xx | -4000 | 10000 | | | Actual heating coil temperature [1/100°C] |
| Filter | Current value | Standard | SupFiltPaAvr | Pa | 3x0031 | x.xx | AI27 | x.xx | 0 | 5000 | | | Supply filter pressure [Pa] |
| Filter | Current value | Standard | ExtFiltPaAvr | Pa | 3x0032 | x.xx | AI28 | x.xx | 0 | 5000 | | | Extract filter pressure [Pa] |
| Filter | Average value | Standard | FiltSupFlowAvr | Pa | 3x0033 | x.xx | AI266 | 6.41 | 0 | 2000 | | | Average filter supply flow - for internal use only in connection to dynamic filter suveilance [Pa] |
| Fan | Set point | Standard | SupMotorSet | % | 3x0034 | x.xx | AI29 | x.xx | 0 | 10000 | | | supply motor signal setpoint [1/100%] |
| Filter | Average value | Standard | FiltExtFlowAvr | Pa | 3x0035 | x.xx | AI267 | 6.41 | 0 | 2000 | | | Average filter exhaust flow - for internal use only in connection to dynamic filter suveilance [Pa] |
| Fan | Set point | Standard | ExtMotorSet | % | 3x0036 | x.xx | AI30 | x.xx | 0 | 10000 | | | Extract motor signal setpoint [%] |
| Filter | Average value | Standard | FiltSupPaAvr | Pa | 3x0037 | x.xx | AI268 | 6.41 | 0 | 3000 | | | Average supfilter-pressure [Pa/30] |
| Filter | Average value | Standard | FiltExtPaAvr | Pa | 3x0038 | x.xx | AI269 | 6.41 | 0 | 3000 | | | Average extfilter-pressure [Pa/30] |

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| Filter | Set point | Standard | FiltSupAlrPa | Pa | 3x0039 | x.xx | AI31 | x.xx | 0 | 100 | supply filter monitor max. alarm limit [Pa]<br>ONLY IN DYNAMIC MODE ("0" IS STATIC MODE) |
| Filter | Set point | Standard | EfficiencyTemp | Pa | 3x0040 | 5.07 | AI232 | 5.07 | 0 | 100 | Current EfficiencyTemp [1/100C] |
| Temp. heat pump | Current value | Special | HP_OutdCoilTmp | °C | 3x0041 | x.xx | AI270 | 6.41 | -6000 | 10000 | Actual outdoor temperature near outdoor heat pump parts [1/100°C] |
| Heat exchanger | Current value | Standard | EXCActualEff | % | 3x0042 | x.xx | AI108 | x.xx | 0 | 10000 | Heat exchanger efficiency [1/100%] |
| Fan, ATV drive | Alarm | Special | AtvSupFCType | | 3x0043 | x.xx | AI106 | x.xx | 0 | 30000 | Supply ATV frequency converter - Actual FC type |
| Fan, ATV drive | Alarm | Special | AtvExtFCType | | 3x0044 | x.xx | AI107 | x.xx | 0 | 30000 | Exhaust ATV frequency converter - Actual FC type |
| Filter | Set point | Standard | FiltSup2AlrPa | Pa | 3x0045 | 4.18 | AI271 | 6.41 | 0 | 100 | Filter pressure for alarm-limit at actual flow [Pa]<br>DYNAMICMODE ONLY (zero in staticmode) |
| Filter | Set point | Standard | FiltExt2AlrPa | Pa | 3x0046 | 4.18 | AI272 | 6.41 | 0 | 100 | Filter pressure for alarm-limit at actual flow [Pa]<br>DYNAMICMODE ONLY (zero in staticmode) |
| Filter | Average value | Standard | ExtFilt2PaAvr | Pa | 3x0047 | 4.18 | AI130 | 4.18 | 0 | 5000 | Extract 2 FlowPressure (Avr-Meas) [Pa] |
| | | Standard | FiltExtAlrPa | Pa | 3x0048 | 5.07 | AI32 | 5.07 | 0 | 100 | Extract filter monitor max. alarm limit [Pa]<br>ONLY IN DYNAMIC MODE ("0" IS STATIC MODE) |
| Filter | Average value | Standard | SupFilt2PaAvr | Pa | 3x0049 | 4.18 | AI131 | 4.18 | 0 | 5000 | Supply 2 FilterPressure (Avr-Meas) [Pa] |
| AHU controller | Set point | Standard | FlwTmpCmpOut | % | 3x0050 | x.xx | AI33 | x.xx | 0 | 10000 | Temp. compensated flow setpoint percentage [1/100%] |
| AHU controller | Summer/Winter comp. | Standard | SWTC_ActSetOfs | C | 3x0051 | x.xx | AI34 | x.xx | -1000 | 1000 | Summer/winter temp. compensation of actual setpoint offset [1/100°C] |
| AHU controller | Summer Night Cooling | Standard | SN_HeatTime | Sec | 3x0052 | x.xx | AI273 | 6.41 | 0 | 30000 | SummerNight Time with Heat Demand [sec] |
| Heat exchanger | Set point | Standard | HeatEXCPower | % | 3x0053 | x.xx | AI35 | x.xx | 0 | 10000 | Heat exchange controller heating power [1/100%] |
| Heating | Set point | Standard | HeatPower | % | 3x0054 | x.xx | AI36 | x.xx | 0 | 10000 | Actual heating power [1/100%] |
| Cooling coil | Set point | Standard | CoolPower | % | 3x0055 | x.xx | AI37 | x.xx | 0 | 10000 | Cooling controller power [1/100%] |
| Cooling coil | Set point | Standard | CoolActPower | % | 3x0056 | x.xx | AI38 | x.xx | 0 | 10000 | Actual cooling power [1/100%] |
| Cooling coil | Set point | Standard | CoolFlwForcePw | % | 3x0057 | x.xx | AI39 | x.xx | 0 | 10000 | Cooling forced flow power [1/100%] |
| Cooling, DX | Current value | Standard | CoolVin1Alarm | % | 3x0058 | x.xx | AI40 | x.xx | 0 | 10000 | Cooling alarm 1 transducer signal [1/100%] |
| Cooling, DX | Current value | Standard | CoolVin2Alarm | % | 3x0059 | x.xx | AI41 | x.xx | 0 | 10000 | Cooling alarm 2 transducer signal [1/100%] |
| Cooling, DX | Current value | Standard | CoolVin3Alarm | % | 3x0060 | x.xx | AI42 | x.xx | 0 | 10000 | Cooling alarm 3 transducer signal [1/100%] |
| Cooling, DX | Current value | Standard | CoolVin4Alarm | % | 3x0061 | x.xx | AI43 | x.xx | 0 | 10000 | Cooling alarm 4 transducer signal [1/100%] |
| Cooling, DX | Current value | Standard | C_LoPress1Bar | Bar | 3x0062 | x.xx | AI44 | x.xx | 0 | 10000 | Actual low pressure sensor 1 [1/100 bar] |
| Cooling, DX | Current value | Standard | C_HiPress1Bar | Bar | 3x0063 | x.xx | AI45 | x.xx | 0 | 10000 | Actual high pressure sensor 1 [1/100 bar] |
| Cooling, DX | Current value | Standard | C_LoPress2Bar | Bar | 3x0064 | x.xx | AI46 | x.xx | 0 | 10000 | Actual low pressure sensor 2 [1/100 bar] |
| Cooling, DX | Current value | Standard | C_HiPress2Bar | Bar | 3x0065 | x.xx | AI47 | x.xx | 0 | 10000 | Actual high pressure sensor 2 [1/100 bar] |
| Heater coil 2 | Set point | Standard | Heat2Power | % | 3x0066 | x.xx | AI103 | x.xx | 0 | 10000 | Heating 2 - Regulator power [1/100%] |
| Fan, Supply drive | Current value | Standard | FCsupMtrType | | 3x0070 | x.xx | AI48 | x.xx | 0 | 256 | Supply motor type (only with OJ-FC) |
| Fan, Supply drive | SW version | Standard | FCsupMtrFC_SW | | 3x0071 | x.xx | AI49 | x.xx | 0 | 1000 | Supply motor software version [1/100] (only with OJ-FC) |
| Fan, Supply drive | SW version | Standard | FCsupMtrIO_SW | | 3x0072 | x.xx | AI50 | x.xx | 0 | 1000 | Supply motor IO card software version [1/100] (only with OJ-FC) |
| Fan, Supply drive | Current value | Standard | FCsupMtrPrcOut | % | 3x0073 | x.xx | AI51 | x.xx | 0 | 10000 | Supply motor output percentage [1/100%] (only with OJ-FC) |
| Fan, Supply drive | Current value | Standard | FCsupMtrHzOut | Hz | 3x0074 | x.xx | AI52 | x.xx | 0 | 10000 | Supply motor frequency output [1/100 Hz] (only with OJ-FC) |
| Fan, Supply drive | Current value | Standard | FCsupMtrIout | mA | 3x0075 | x.xx | AI53 | x.xx | 0 | 30000 | Supply motor actual current output [mA] (only with OJ-FC) |
| Fan, Supply drive | Current value | Standard | FCsupMtrPowOut | W | 3x0076 | x.xx | AI54 | x.xx | 0 | 6000 | Supply motor actual power output [Watt] (only with OJ-FC) |
| Fan, Supply drive | Set point | Standard | FCsupMtrPrcSet | % | 3x0077 | x.xx | AI55 | x.xx | 0 | 10000 | Supply motor setpoint [%] |
| Fan, Supply drive | Current value | Standard | SupSFP | J/m | 3x0078 | x.xx | AI56 | x.xx | 0 | 10000 | Specific fan power (SFP), supply [W·s/m3 = J/m3] (only with OJ-FC) |
| | | Standard | SupSFPII | J/m | 3x0079 | 5.07 | AI251 | 5.07 | 0 | 10000 | Supply SFP EC-2 [Ws/m3 same as J/m3] |
| Fan, Extract drive | Current value | Standard | FCextMtrType | | 3x0080 | x.xx | AI57 | x.xx | 0 | 256 | Extract motor type (only with OJ-FC) |
| Fan, Extract drive | SW version | Standard | FCextMtrFC_SW | | 3x0081 | x.xx | AI58 | x.xx | 0 | 1000 | Extract motor software version [1/100] (only with OJ-FC) |
| Fan, Extract drive | SW version | Standard | FCextMtrIO_SW | | 3x0082 | x.xx | AI59 | x.xx | 0 | 1000 | Extract motor IO card software version [1/100] (only with OJ-FC) |
| Fan, Extract drive | Current value | Standard | FCextMtrPrcOut | % | 3x0083 | x.xx | AI60 | x.xx | 0 | 10000 | Extract motor output percentage [1/100%] (only with OJ-FC) |
| Fan, Extract drive | Current value | Standard | FCextMtrHzOut | Hz | 3x0084 | x.xx | AI61 | x.xx | 0 | 10000 | Extract motor frequency output [1/100 Hz] (only with OJ-FC) |
| Fan, Extract drive | Current value | Standard | FCextMtrIout | mA | 3x0085 | x.xx | AI62 | x.xx | 0 | 30000 | Extract motor actual current output [mA] (only with OJ-FC) |
| Fan, Extract drive | Current value | Standard | FCextMtrPowOut | W | 3x0086 | x.xx | AI63 | x.xx | 0 | 6000 | Extract motor actual power output [Watt] (only with OJ-FC) |
| Fan, Extract drive | Set point | Standard | FCextMtrPrcSet | % | 3x0087 | x.xx | AI64 | x.xx | 0 | 10000 | Extract motor output setpoint [1/100%] |
| Fan, Extract drive | Current value | Standard | ExtSFP | J/m | 3x0088 | x.xx | AI65 | x.xx | 0 | 10000 | Specific fan power (SFP), extract [W·s/m3 = J/m3] (only with OJ-FC) |
| | | Standard | ExtSFPII | J/m | 3x0089 | 5.07 | AI252 | 5.07 | 0 | 10000 | Extract SFP EC-2 [Ws/m3 same as J/m3] |
| Heat exchanger drive | Current value | Standard | EXC_Type | | 3x0090 | x.xx | AI66 | x.xx | 0 | 3 | Rotary heat exchanger – motor type (only with OJ RHX2M) |
| Heat exchanger drive | SW version | Standard | EXC_Software | | 3x0091 | x.xx | AI67 | x.xx | 0 | 10000 | Rotary heat exchanger – software version [1/100] (only with OJ RHX2M) |
| Heat exchanger drive | Current value | Standard | EXC_PrcOut | % | 3x0092 | x.xx | AI68 | x.xx | 0 | 10000 | Rotary heat exchanger – percentage [1/100%] |
| Heat exchanger drive | Current value | Standard | EXC_RpmOut | rpm | 3x0093 | x.xx | AI69 | x.xx | 0 | 20000 | Rotary heat exchanger – speed output [1/100 rpm] |
| Heat exchanger drive | Current value | Standard | EXC_Iout | mA | 3x0094 | x.xx | AI70 | x.xx | 0 | 10000 | Rotary heat exchanger – actual output [mA] (only with OJ RHX2M) |
| Heat exchanger drive | Current value | Standard | EXC_Power | W | 3x0095 | x.xx | AI71 | x.xx | 0 | 100 | Rotary heat exchanger – output power [W] (only with OJ RHX2M) |
| Heat exchanger drive | Current value | Standard | EXC_DriftDays | Day | 3x0096 | x.xx | AI72 | x.xx | 0 | 32000 | Rotary heat exchanger – days of operation (only with OJ RHX2M) |
| Heat exchanger drive | Set point | Standard | EXC_PrcSet | % | 3x0097 | x.xx | AI73 | x.xx | 0 | 10000 | Rotary heat exchanger – percentage setpoint [1/100%] (only with OJ RHX2M) |
| | | Standard | FullSFPHigh | J/m | 3x0098 | 5.07 | AI253 | 5.07 | 0 | 10000 | Combined SFP [Ws/m3 same as J/m3] |
| | | Standard | FullSFPLow | J/m | 3x0099 | 5.07 | AI254 | 5.07 | 0 | 10000 | Combined SFP [Ws/m3 same as J/m3] |
| IO Extension module | SW version | Standard | EXTM1_SW_Ver | | 3x0100 | x.xx | AI74 | x.xx | 0 | 10000 | Extension module 1 software version [1/100] |
| IO Extension module | SW version | Standard | EXTM2_SW_Ver | | 3x0101 | x.xx | AI75 | x.xx | 0 | 10000 | Extension module 2 software version [1/100] |
| Preheater coil | Current value | Standard | PHWMTemp | °C | 3x0102 | x.xx | AI105 | x.xx | -4000 | 10000 | Actual temperature of pre-heating coil [1/100°C] |
| Preheater coil | Set point | Standard | PH_HeatPower | % | 3x0103 | x.xx | AI104 | x.xx | 0 | 10000 | Actual output of pre-heating coil [1/100%] |
| AHU controller | Time | Standard | TimeSw-WeekDay | | 3x0110 | x.xx | AI76 | x.xx | 0 | 6 | Actual day of the week (0=Mon..6=Sun) |
| AHU controller | Status | Standard | ExtDrfDaysLeft | | 3x0111 | x.xx | AI77 | x.xx | 0 | 6 | Extended operation, remaining number of days |
| AHU controller | Status | Standard | ExtDrfMinLeft | Min | 3x0112 | x.xx | AI78 | x.xx | 0 | 1439 | Extended operation, remaining number of minutes |
| Heat pump | Status | Special | HP_ExtAirTemp | °C | 3x0113 | 6.51 | AI338 | 6.51 | -5000 | 10000 | Actual temperature extract air after HeatPump [1/100°C] |
| Heat pump | Current value | Special | HP_CoilPaMeas | Pa | 3x0115 | x.xx | AI110 | x.xx | 0 | 5000 | Actual pressure at the heat pump outdoor coil. |
| AHU controller | Alarm | Standard | Alr_Released00 | | 3x0120 | x.xx | AI79 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released01 | | 3x0121 | x.xx | AI80 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released02 | | 3x0122 | x.xx | AI81 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released03 | | 3x0123 | x.xx | AI82 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released04 | | 3x0124 | x.xx | AI83 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released05 | | 3x0125 | x.xx | AI84 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released06 | | 3x0126 | x.xx | AI85 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released07 | | 3x0127 | x.xx | AI86 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released08 | | 3x0128 | x.xx | AI87 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released09 | | 3x0129 | x.xx | AI88 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released10 | | 3x0130 | x.xx | AI89 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released11 | | 3x0131 | x.xx | AI90 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released12 | | 3x0132 | x.xx | AI91 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released13 | | 3x0133 | x.xx | AI92 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released14 | | 3x0134 | x.xx | AI93 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| AHU controller | Alarm | Standard | Alr_Released15 | | 3x0135 | x.xx | AI94 | x.xx | 0 | 100 | Stack for active alarms (0 indicates end of stack) |
| Humidity | Current value | Standard | Humid_ActRHOut | | 3x0138 | 6.10 | AI263 | 6.10 | 0 | 100 | Actual % rel. Huminity Outdoor |
| Humidity | Current value | Standard | Humid_ActRHExh | | 3x0139 | 6.10 | AI264 | 6.10 | 0 | 100 | Actual % rel. Huminity Exthaust |
| AHU controller | SW version | Standard | MasterSW_Ver | | 3x0140 | x.xx | AI95 | x.xx | 0 | 30000 | Master software version [1/100] |
| HMI display | SW version | Standard | DisplaySW_Ver | | 3x0141 | x.xx | AI96 | x.xx | 0 | 30000 | Display software version [1/100] |
| Damper, Fire | Alarm | Standard | AlrFireDmpNCls | | 3x0142 | x.xx | NA | NA | 0 | 1 | Alarm, Fire damper not closed |
| Damper, Fire | Alarm | Standard | AlrFireDmpNOpn | | 3x0143 | x.xx | NA | NA | 0 | 1 | Alarm, Fire damper not open |
| Damper, Fire | Status | Standard | FireDmpTstActv | | 3x0144 | x.xx | NA | NA | 0 | 1 | Fire damper test is ongoing |
| Cooling, DX | Status | Standard | DX_OnTimerRE1 | Sec | 3x0145 | x.xx | AI274 | 6.41 | 0 | 600 | Timer for DX-Cool RE-1 ON-Periode [sec] (ExtMod-Reserve) |
| Cooling, DX | Status | Standard | DX_OnTimerRE2 | Sec | 3x0146 | x.xx | AI275 | 6.41 | 0 | 600 | Timer for DX-Cool RE-2 ON-Periode [sec] (ExtMod-Reserve) |
| Cooling, DX | Status | Standard | DX_OnTimerRE3 | Sec | 3x0147 | x.xx | AI276 | 6.41 | 0 | 600 | Timer for DX-Cool RE-3 ON-Periode [sec] (ExtMod-Reserve) |
| Cooling, DX | Status | Standard | DX_OnTimerRE4 | Sec | 3x0148 | x.xx | AI277 | 6.41 | 0 | 600 | Timer for DX-Cool RE-4 ON-Periode [sec] (ExtMod-Reserve) |
| Cooling, DX | Status | Standard | DX_RestartCnt1 | | 3x0149 | x.xx | AI278 | 6.41 | 0 | 60 | Counter for DX-Cool RE-1 starts per hour (ExtMod-Reserve) |
| Heating coil 2, Water | Current value | Standard | HW2BattTemp | °C | 3x0150 | x.xx | AI279 | 6.41 | -4000 | 10000 | Heating 2 - Hydronic coil return temperature [1/100°C] |
| Cooling, DX | Status | Standard | DX_RestartCnt3 | | 3x0151 | x.xx | AI280 | 6.41 | 0 | 60 | Counter for DX-Cool RE-3 starts per hour (ExtMod-Reserve) |

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| Cooling, DX | Status | Standard | DX_RestartCnt4 | | 3x0152 | x.xx | AI281 | 6.41 | 0 | 60 | Counter for DX-Cool RE-4 starts per hour (ExtMod-Reserve) |
| Cooling, DX | Status | Standard | DX_RestartTim1 | Sec | 3x0153 | x.xx | AI282 | 6.41 | 0 | 3600 | Timer 1 for min. restart period [sec] |
| Cooling, DX | Status | Standard | DX_RestartTim2 | Sec | 3x0154 | x.xx | AI283 | 6.41 | 0 | 3600 | Timer 2 for min. restart period [sec] |
| Cooling, DX | Status | Standard | DX_RestartTim3 | Sec | 3x0155 | x.xx | AI284 | 6.41 | 0 | 3600 | Timer 3 for min. restart period [sec] |
| Cooling, DX | Status | Standard | DX_RestartTim4 | Sec | 3x0156 | x.xx | AI285 | 6.41 | 0 | 3600 | Timer 4 for min. restart period [sec] |
| Filter | Current value | Standard | FiltSupPrcStat | % | 3x0157 | x.xx | AI286 | 6.41 | 0 | 10000 | Filter actual alarmstatus for sup-filter [1/100%] |
| Filter | Current value | Standard | FiltExtPrcStat | % | 3x0158 | x.xx | AI287 | 6.41 | 0 | 10000 | Filter actual alarmstatus for ext-filter [1/100%] |
| Filter | Current value | Standard | FiltSupNewPa | Pa | 3x0159 | x.xx | AI288 | 6.41 | 0 | 100 | Filter pressure for new-filter at actual flow [Pa] |
| Filter | Current value | Standard | FiltExtNewPa | Pa | 3x0160 | x.xx | AI289 | 6.41 | 0 | 100 | Filter pressure for new-filter at actual flow [Pa] |
| Temp. sensor | Current value | Special | AddOnTSensor1 | °C | 3x0161 | x.xx | AI97 | x.xx | -4000 | 10000 | Add on sensor 1 [1/100°C] |
| Temp. sensor | Current value | Special | AddOnTSensor2 | °C | 3x0162 | x.xx | AI98 | x.xx | -4000 | 10000 | Add on sensor 2 [1/100°C] |
| Temp. sensor | Current value | Special | AddOnTSensor3 | °C | 3x0163 | x.xx | AI99 | x.xx | -4000 | 10000 | Add on sensor 3 [1/100°C] |
| Temp. sensor | Current value | Special | AddOnTSensor4 | °C | 3x0164 | x.xx | AI100 | x.xx | -4000 | 10000 | Add on sensor 4 [1/100°C] |
| Fan | Current value | Standard | MtrFanSupVin | % | NA | x.xx | AI101 | x.xx | 0 | 10000 | 0-10 V DC signal to supply motor |
| Fan | Current value | Standard | MtrFanExtVin | % | NA | x.xx | AI102 | x.xx | 0 | 10000 | 0-10 V DC signal to extract motor |
| Cooling, DX | Set point | Special | ROHCondPower | % | 3x0165 | x.xx | AI290 | 6.41 | 0 | 10000 | Only special customer code: Step-up valve - Output [1/100%] |
| Cooling, DX | Set point | Special | ROHCondOutVDC | V | 3x0166 | x.xx | AI291 | 6.41 | 0 | 10000 | Only special customer code: Step-up valve - Voltage [1/1000 V] |
| Cooling, DX | Set point | Special | ROHShuntPower | % | 3x0167 | x.xx | AI292 | 6.41 | 0 | 10000 | Only special customer code: Condenser coil - Output [1/100%] |
| Cooling, DX | Set point | Special | ROHShuntOutVDC | V | 3x0168 | x.xx | AI293 | 6.41 | 0 | 10000 | Only special customer code: Shunt valve - Voltage [1/1000 V] |
| Humidifier | Set point | Standard | Humid_OutVDC | V | 3x0169 | x.xx | AI294 | 6.41 | 0 | 10000 | Output to Steam Humidifier [1/1000 V] |
| Humidity | Current value | Standard | Humid_ActRHSup | % | 3x0170 | x.xx | AI128 | x.xx | 0 | 10000 | Actual % rel. Humidity Supply duct [1/100%rh] |
| Humidity | Current value | Standard | Humid_ActRHExt | % | 3x0171 | x.xx | AI127 | x.xx | 0 | 10000 | Actual % rel. Humidity Extract duct [1/100%rh] |
| Heating coil 12 | Set point | Special | HW12_VDCOut | mV | NA | x.xx | AI109 | x.xx | 0 | 10000 | Only special customer code: Heat coil 1, step2 output (1,2) VDC out |
| Damper, Recirculation | Status | Special | RecAltFlowAct | | 3x0172 | x.xx | AI111 | x.xx | 0 | 2 | Only special customer code: Actual status change flow recirc. - 0=No change; 1=Low to high; 2=High to low |
| Damper, Recirculation | Status | Special | RecClosTimer | Sec | 3x0173 | x.xx | AI112 | x.xx | 0 | 7200 | Only special customer code: Actual status timer for lukket recirkulering [Sec] |
| Heating coil 2 | Status | Special | HtlDelayTimer | Sec | 3x0174 | x.xx | AI295 | 6.41 | 0 | 7200 | Only special customer code: Timer delayed Heat2 [Sec] |
| Heat exchanger | Current value | Special | REXCPressAvg | | 3x0175 | x.xx | AI296 | 6.41 | 0 | 2000 | Only special customer code: Actual press. drop over rotary exch. in exhaust air [Pa] |
| Combi coil | Set point | Standard | CombiVDC_Out | V | 3x0176 | x.xx | AI113 | x.xx | 0 | 10000 | Combi coil VDC-Signal [1/1000 V] |
| Combi coil | Set point | Standard | CombiHeatPow | % | 3x0177 | x.xx | AI114 | x.xx | 0 | 10000 | Combi coil %-Signal heating [1/100 %] |
| Combi coil | Set point | Standard | CombiCoolPow | % | NA | x.xx | AI115 | x.xx | 0 | 10000 | Combi coil %-Signal Cooling [1/100 %] |
| Combi coil | Current value | Special | HeatPmpHeatPow | % | 3x0178 | x.xx | AI297 | 6.41 | 0 | 10000 | Heat pump efficiency in heat demand. Else CoolPower [1/100 %] |
| Fan, Supply drive 2 | Current value | Special | EC2supMtType | | 3x0179 | x.xx | AI298 | 6.41 | 0 | 256 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor Type |
| Fan, Supply drive 2 | SW version | Special | EC2supMtEC_SW | | 3x0180 | x.xx | AI299 | 6.41 | 0 | 1000 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor Software Ver [1/100] |
| Fan, Supply drive 2 | SW version | Special | EC2supBoot_SW | | 3x0181 | x.xx | AI300 | 6.41 | 0 | 1000 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor Boot Software Ver [1/100] |
| Fan, Supply drive 2 | Current value | Special | EC2supMtPrcOut | % | 3x0182 | x.xx | AI301 | 6.41 | 0 | 10000 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor percent output [1/100%] |
| Fan, Supply drive 2 | Current value | Special | EC2supMtRPMOut | RPM | 3x0183 | x.xx | AI302 | 6.41 | 0 | 10000 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor actual RPM [RPM] |
| Fan, Supply drive 2 | Current value | Special | EC2supMtIout | mA | 3x0184 | x.xx | AI303 | 6.41 | 0 | 30000 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor actual current output [mA] |
| Fan, Supply drive 2 | Current value | Special | EC2supMtPowOut | W | 3x0185 | x.xx | AI304 | 6.41 | 0 | 7000 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor actual power output [Watt] |
| Fan, Supply drive 2 | Current value | Special | EC2supDriftMin | Min | 3x0186 | x.xx | AI305 | 6.41 | 0 | 1440 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor actual running time [minutes] |
| Fan, Supply drive 2 | Current value | Special | EC2supDriftDay | Day | 3x0187 | x.xx | AI306 | 6.41 | 0 | 30000 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor actual running time [days] |
| Fan, Supply drive 2 | Set point | Special | EC2supMtPrcSet | % | 3x0188 | x.xx | AI307 | 6.41 | 0 | 10000 | Only special customer code: OJ-EC/-DV 2-supply/Supply air motor setpoint [1/100%] |
| Fan, Extract drive 2 | Current value | Special | EC2extMtType | | 3x0189 | x.xx | AI308 | 6.41 | 0 | 256 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor Type |
| Fan, Extract drive 2 | SW version | Special | EC2extMtEC_SW | | 3x0190 | x.xx | AI309 | 6.41 | 0 | 1000 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor Software Ver [1/100] |
| Fan, Extract drive 2 | SW version | Special | EC2extBoot_SW | | 3x0191 | x.xx | AI310 | 6.41 | 0 | 1000 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor Boot Software Ver [1/100] |
| Fan, Extract drive 2 | Current value | Special | EC2extMtPrcOut | % | 3x0192 | x.xx | AI311 | 6.41 | 0 | 10000 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor percent output [1/100%] |
| Fan, Extract drive 2 | Current value | Special | EC2extMtRPMOut | RPM | 3x0193 | x.xx | AI312 | 6.41 | 0 | 10000 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor actual RPM [RPM] |
| Fan, Extract drive 2 | Current value | Special | EC2extMtIout | mA | 3x0194 | x.xx | AI313 | 6.41 | 0 | 30000 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor actual current output [mA] |
| Fan, Extract drive 2 | Current value | Special | EC2extMtPowOut | W | 3x0195 | x.xx | AI314 | 6.41 | 0 | 7000 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor actual power output [Watt] |
| Fan, Extract drive 2 | Current value | Special | EC2extDriftMin | Min | 3x0196 | x.xx | AI315 | 6.41 | 0 | 1440 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor actual running time [minutes] |
| Fan, Extract drive 2 | Current value | **Special** | EC2extDriftDay | Day | 3x0197 | x.xx | AI316 | 6.41 | 0 | 30000 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor actual running time [days] |
| Fan, Extract drive 2 | Set point | Special | EC2extMtPrcSet | % | 3x0198 | x.xx | AI317 | 6.41 | 0 | 10000 | Only special customer code: OJ-EC/-DV 2-Extract/Exhaust air motor setpoint [1/100%] |
| Fan, Supply drive | Current value | Standard | ECsupMtrType | | 3x0200 | x.xx | AI318 | 6.41 | 0 | 256 | OJ-EC/-DV-supply/Supply air motor Type |
| Fan, Supply drive | SW version | Standard | ECsupMtrFC_SW | | 3x0201 | x.xx | AI319 | 6.41 | 0 | 1000 | OJ-EC/-DV-supply/Supply air motor Software Ver [1/100] |
| Fan, Supply drive | SW version | Standard | ECsupBoot_SW | | 3x0202 | x.xx | AI320 | 6.41 | 0 | 1000 | OJ-EC/-DV-supply/Supply air motor Boot Software Ver [1/100] |
| Fan, Supply drive | Current value | Standard | ECsupMtrPrcOut | % | 3x0203 | x.xx | AI321 | 6.41 | 0 | 10000 | OJ-EC/-DV-supply/Supply air motor procent udgang [1/100%] |
| Fan, Supply drive | Current value | Standard | ECsupMtrRPMOut | RPM | 3x0204 | x.xx | AI322 | 6.41 | 0 | 10000 | OJ-EC/-DV-supply/Supply air motor actual RPM [RPM] |
| Fan, Supply drive | Current value | Standard | ECsupMtrIout | mA | 3x0205 | x.xx | AI323 | 6.41 | 0 | 30000 | OJ-EC/-DV-supply/Supply air motor actual current output [1/100mA] |
| Fan, Supply drive | Current value | Standard | ECsupMtrPowOut | W | 3x0206 | x.xx | NA | NA | 0 | 7000 | OJ-EC/-DV-supply/Supply air motor actual power output [Watt] |
| Fan, Supply drive | Current value | Standard | ECsupDriftMin | Min | 3x0207 | x.xx | AI324 | 6.41 | 0 | 1440 | OJ-EC/-DV-supply/Supply air motor actual running time [minutes] |
| Fan, Supply drive | Current value | Standard | ECsupDriftDay | Day | 3x0208 | x.xx | AI325 | 6.41 | 0 | 30000 | OJ-EC/-DV-supply/Supply air motor actual running time [days] |
| Fan, Supply drive | Set point | Standard | ECsupMtrPrcSet | % | 3x0209 | x.xx | AI326 | 6.41 | 0 | 10000 | OJ-EC/-DV-supply/Supply air motor setpoint [1/100%] |
| Fan, Extract drive | SW version | Standard | ECextBoot_SW | | 3x0210 | x.xx | AI327 | 6.41 | 0 | 1000 | OJ-EC/-DV-Extract/Exhaust air motor Boot Software Ver [1/100] |
| Fan, Extract drive | Current value | Standard | ECextMtrPrcOut | % | 3x0211 | x.xx | AI328 | 6.41 | 0 | 10000 | OJ-EC/-DV-Extract/Exhaust air motor procent udgang [1/100%] |
| Fan, Extract drive | Current value | Standard | ECextMtrRPMOut | RPM | 3x0212 | x.xx | AI329 | 6.41 | 0 | 10000 | OJ-EC/-DV-Extract/Exhaust air motor actual RPM [RPM] |
| Fan, Extract drive | Current value | Standard | ECextMtrIout | mA | 3x0213 | x.xx | AI330 | 6.41 | 0 | 30000 | OJ-EC/-DV-Extract/Exhaust air motor actual current output [1/100mA] |
| Fan, Extract drive | Current value | Standard | ECextMtrPowOut | W | 3x0214 | x.xx | NA | NA | 0 | 7000 | OJ-EC/-DV-Extract/Exhaust air motor actual power output [Watt] |
| Fan, Extract drive | Current value | Standard | ECextDriftMin | Min | 3x0215 | x.xx | AI331 | 6.41 | 0 | 1440 | OJ-EC/-DV-Extract/Exhaust air motor actual running time [minutes] |
| Fan, Extract drive | Current value | Standard | ECextDriftDay | Day | 3x0216 | x.xx | AI332 | 6.41 | 0 | 30000 | OJ-EC/-DV-Extract/Exhaust air motor actual running time [days] |
| Fan, Extract drive | Current value | Standard | ECextMtrPrcSet | % | 3x0217 | x.xx | AI333 | 6.41 | 0 | 10000 | OJ-EC/-DV-Extract/Exhaust air motor setpoint [1/100%] |
| Fan, Extract drive | Current value | Standard | ECextMtrType | | 3x0218 | x.xx | AI334 | 6.41 | 0 | 256 | OJ-EC/-DV-Extract/Exhaust air motor Type |
| Fan, Extract drive | SW version | Standard | ECextMtrFC_SW | | 3x0219 | x.xx | AI335 | 6.41 | 0 | 1000 | OJ-EC/-DV-Extract/Exhaust air motor Software Ver [1/100] |
| Temp. Supply 2 | Current value | Standard | SupplyTemp2 | °C | 3x0220 | x.xx | AI234 | 5.07 | -4000 | 10000 | Only special customer code: Actual supply supply temperature2 [1/100°C] |
| Temp. out door | Current value | Standard | ExtOutDTemp | °C | 3x0221 | x.xx | AI118 | x.xx | -6000 | 10000 | External outdoor temperature sensor [1/100°C] |
| Preheater coil | Current value | Standard | PHeatTempAir | °C | 3x0222 | x.xx | AI119 | x.xx | -4000 | 10000 | Temperature after pre-heating coil [1/100 °C] |
| Cooling coil | Current value | Standard | CW_supplyTemp | °C | 3x0223 | x.xx | AI120 | x.xx | -4000 | 10000 | Cold water supply temperature for cooling coil [1/100 °C] |
| Damper, Recirculation | Status | Standard | RecFreshAirDis | % | 3x0224 | x.xx | AI121 | x.xx | 0 | 10000 | Damper position intake/outdoor damper [1/100 %] |
| Damper, Recirculation | Status | Standard | RecDampPrcDis | % | 3x0225 | x.xx | AI122 | x.xx | 0 | 10000 | Damper position recirkulation [1/100 %] |
| Cooling coil | Set point | Standard | CoolVDC_Out2 | V | 3x0226 | x.xx | AI123 | x.xx | 0 | 10000 | Output voltage cooling valve2 (only combi coil) [1/1000 V] |
| Fan, ATV drive | Current value | Special | AtvExtPower | kW | 3x0227 | x.xx | AI116 | x.xx | 0 | 30000 | ATV extract air actual power [1/100 kW] |
| Fan, ATV drive | Current value | Special | AtvSupPower | kW | 3x0228 | x.xx | AI117 | x.xx | 0 | 30000 | ATV supply air actual power [1/100 kW] |
| | | Standard | OutDoorSenTemp | | 3x0229 | 5.07 | AI233 | 5.07 | 0 | 4000 | Current OutDoorTemp [1/100C] |
| Filter | Status | Standard | OutFilRestDay | | 3x0230 | x.xx | AI124 | x.xx | 0 | 366 | Days until timer alarm from the outdoor filter |
| Filter | Status | Standard | ExtFilRestDay | | 3x0231 | x.xx | AI125 | x.xx | 0 | 366 | Days until timer alarm from the extract filter |
| Combi coil | Current value | Standard | CombiBattTemp | °C | NA | x.xx | AI126 | x.xx | -4000 | 10000 | combi coil - Actual return temperature [1/100°C] |
| Humidity | Current value | Standard | RelHumMixed | % | 3x0232 | x.xx | AI129 | x.xx | 0 | 10000 | Actual relative humidity in mixed air [1/100%rh] |
| Filter | Status | Standard | SupFil2RestDay | | 3x0233 | 4.18 | AI336 | 6.41 | 0 | 366 | Supply filter 2: Restime before change filter alarm will be activated |
| Filter | Status | Standard | ExtFil2RestDay | | 3x0234 | 4.18 | AI337 | 6.41 | 0 | 366 | Extract filter 2: Restime before change filter alarm will be activated |
| Zone | Status | Standard | ZM_Count | | 3x0235 | 4.19 | AI132 | 4.19 | 0 | 4 | Number of Detected ZoneModules |
| Zone | Status | Standard | ZM_OpMode | | 3x0236 | 4.19 | AI133 | 4.19 | 0 | 7 | ZoneControl Operation Mode |
| Zone 1 | Status | Standard | ZM1_Status | | 3x0237 | 4.19 | AI134 | 4.19 | 0 | 2 | ZoneModule 1 - Status: 0=No active alarm; 1=A-alarm active; 2=B-alarm active |
| Zone 1 | Status | Standard | ZM1_Sup1Set | | 3x0238 | 4.19 | AI135 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Supply 1 Actuator Setpoint [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_Sup1Flow | | 3x0239 | 4.19 | AI136 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Supply 1 Actuator Flow [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_Sup2Set | | 3x0240 | 4.19 | AI137 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Supply 2 Actuator Setpoint [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_Sup2Flow | | 3x0241 | 4.19 | AI138 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Supply 2 Actuator Flow [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_ExtSet | | 3x0242 | 4.19 | AI139 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Extract Actuator Setpoint [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_ExtFlow | | 3x0243 | 4.19 | AI140 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Extract Actuator Flow [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_HeatSet | | 3x0244 | 4.19 | AI141 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Heating Actuator Setpoint [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_HeatFlow | | 3x0245 | 4.19 | AI142 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Heating Actuator Flow [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_CoolSet | | 3x0246 | 4.19 | AI143 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Cooling Actuator Setpoint [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_CoolFlow | | 3x0247 | 4.19 | AI144 | 4.19 | 0 | 0 | ZoneModule 1 - VAV Heating Actuator Flow [scale depending on the connected actuator] |
| Zone 1 | Status | Standard | ZM1_RoomTemp | | 3x0248 | 4.19 | AI145 | 4.19 | -4000 | 10000 | ZoneModule 1 - Room Temperature Value [1/100°C] |
| Zone 1 | Status | Standard | ZM1_SupTemp | | 3x0249 | 4.19 | AI146 | 4.19 | -4000 | 10000 | ZoneModule 1 - Supply Temperature Value [1/100°C] |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Zone 1 | Status | Standard | ZM1_SetOffset | 3x0250 | 4.19 | AI147 | 4.19 | -4000 | 10000 | ZoneModule 1 - Remote Setpoint Offset [1/100°C] |
| Zone 1 | Status | Standard | ZM1_CO2VOC | 3x0251 | 4.19 | AI148 | 4.19 | 0 | 5000 | ZoneModule 1 - CO2/VOC Value [ppm] |
| Zone 1 | Status | Standard | ZM1_RH | 3x0252 | 4.19 | AI149 | 4.19 | 0 | 10000 | ZoneModule 1 - RH Value [1/100%rh] |
| Zone 2 | Status | Standard | ZM2_Status | 3x0253 | 4.19 | AI150 | 4.19 | 0 | 2 | ZoneModule 2 - Status: 0=No active alarm; 1=A-alarm active; 2=B-alarm active |
| Zone 2 | Status | Standard | ZM2_Sup1Set | 3x0254 | 4.19 | AI151 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Supply 1 Actuator Setpoint [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_Sup1Flow | 3x0255 | 4.19 | AI152 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Supply 1 Actuator Flow [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_Sup2Set | 3x0256 | 4.19 | AI153 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Supply 2 Actuator Setpoint [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_Sup2Flow | 3x0257 | 4.19 | AI154 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Supply 2 Actuator Flow [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_ExtSet | 3x0258 | 4.19 | AI155 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Extract Actuator Setpoint [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_ExtFlow | 3x0259 | 4.19 | AI156 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Extract Actuator Flow [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_HeatSet | 3x0260 | 4.19 | AI157 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Heating Actuator Setpoint [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_HeatFlow | 3x0261 | 4.19 | AI158 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Heating Actuator Flow [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_CoolSet | 3x0262 | 4.19 | AI159 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Cooling Actuator Setpoint [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_CoolFlow | 3x0263 | 4.19 | AI160 | 4.19 | 0 | 0 | ZoneModule 2 - VAV Cooling Actuator Flow [scale depending on the connected actuator] |
| Zone 2 | Status | Standard | ZM2_RoomTemp | 3x0264 | 4.19 | AI161 | 4.19 | -4000 | 10000 | ZoneModule 2 - Room Temperature Value [1/100°C] |
| Zone 2 | Status | Standard | ZM2_SupTemp | 3x0265 | 4.19 | AI162 | 4.19 | -4000 | 10000 | ZoneModule 2 - Supply Temperature Value [1/100°C] |
| Zone 2 | Status | Standard | ZM2_SetOffset | 3x0266 | 4.19 | AI163 | 4.19 | -4000 | 10000 | ZoneModule 2 - Remote Setpoint Offset [1/100°C] |
| Zone 2 | Status | Standard | ZM2_CO2VOC | 3x0267 | 4.19 | AI164 | 4.19 | 0 | 5000 | ZoneModule 2 - CO2/VOC Value [ppm] |
| Zone 2 | Status | Standard | ZM2_RH | 3x0268 | 4.19 | AI165 | 4.19 | 0 | 10000 | ZoneModule 2 - RH Value [1/100%rh] |
| Zone 3 | Status | Standard | ZM3_Status | 3x0269 | 4.19 | AI166 | 4.19 | 0 | 2 | ZoneModule 3 - Status: 0=No active alarm; 1=A-alarm active; 2=B-alarm active |
| Zone 3 | Status | Standard | ZM3_Sup1Set | 3x0270 | 4.19 | AI167 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Supply 1 Actuator Setpoint [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_Sup1Flow | 3x0271 | 4.19 | AI168 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Supply 1 Actuator Flow [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_Sup2Set | 3x0272 | 4.19 | AI169 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Supply 2 Actuator Setpoint [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_Sup2Flow | 3x0273 | 4.19 | AI170 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Supply 2 Actuator Flow [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_ExtSet | 3x0274 | 4.19 | AI171 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Extract Actuator Setpoint [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_ExtFlow | 3x0275 | 4.19 | AI172 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Extract Actuator Flow [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_HeatSet | 3x0276 | 4.19 | AI173 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Heating Actuator Setpoint [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_HeatFlow | 3x0277 | 4.19 | AI174 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Heating Actuator Flow [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_CoolSet | 3x0278 | 4.19 | AI175 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Cooling Actuator Setpoint [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_CoolFlow | 3x0279 | 4.19 | AI176 | 4.19 | 0 | 0 | ZoneModule 3 - VAV Cooling Actuator Flow [scale depending on the connected actuator] |
| Zone 3 | Status | Standard | ZM3_RoomTemp | 3x0280 | 4.19 | AI177 | 4.19 | -4000 | 10000 | ZoneModule 3 - Room Temperature Value [1/100°C] |
| Zone 3 | Status | Standard | ZM3_SupTemp | 3x0281 | 4.19 | AI178 | 4.19 | -4000 | 10000 | ZoneModule 3 - Supply Temperature Value [1/100°C] |
| Zone 3 | Status | Standard | ZM3_SetOffset | 3x0282 | 4.19 | AI179 | 4.19 | -4000 | 10000 | ZoneModule 3 - Remote Setpoint Offset [1/100°C] |
| Zone 3 | Status | Standard | ZM3_CO2VOC | 3x0283 | 4.19 | AI180 | 4.19 | 0 | 5000 | ZoneModule 3 - CO2/VOC Value [ppm] |
| Zone 3 | Status | Standard | ZM3_RH | 3x0284 | 4.19 | AI181 | 4.19 | 0 | 10000 | ZoneModule 3 - RH Value [1/100%rh] |
| Zone 4 | Status | Standard | ZM4_Status | 3x0285 | 4.19 | AI182 | 4.19 | 0 | 2 | ZoneModule 4 - Status: 0=No active alarm; 1=A-alarm active; 2=B-alarm active |
| Zone 4 | Status | Standard | ZM4_Sup1Set | 3x0286 | 4.19 | AI183 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Supply 1 Actuator Setpoint [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_Sup1Flow | 3x0287 | 4.19 | AI184 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Supply 1 Actuator Flow [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_Sup2Set | 3x0288 | 4.19 | AI185 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Supply 2 Actuator Setpoint [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_Sup2Flow | 3x0289 | 4.19 | AI186 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Supply 2 Actuator Flow [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_ExtSet | 3x0290 | 4.19 | AI187 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Extract Actuator Setpoint [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_ExtFlow | 3x0291 | 4.19 | AI188 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Extract Actuator Flow [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_HeatSet | 3x0292 | 4.19 | AI189 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Heating Actuator Setpoint [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_HeatFlow | 3x0293 | 4.19 | AI190 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Heating Actuator Flow [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_CoolSet | 3x0294 | 4.19 | AI191 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Cooling Actuator Setpoint [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_CoolFlow | 3x0295 | 4.19 | AI192 | 4.19 | 0 | 0 | ZoneModule 4 - VAV Cooling Actuator Flow [scale depending on the connected actuator] |
| Zone 4 | Status | Standard | ZM4_RoomTemp | 3x0296 | 4.19 | AI193 | 4.19 | -4000 | 10000 | ZoneModule 4 - Room Temperature Value [1/100°C] |
| Zone 4 | Status | Standard | ZM4_SupTemp | 3x0297 | 4.19 | AI194 | 4.19 | -4000 | 10000 | ZoneModule 4 - Supply Temperature Value [1/100°C] |
| Zone 4 | Status | Standard | ZM4_SetOffset | 3x0298 | 4.19 | AI195 | 4.19 | -4000 | 10000 | ZoneModule 4 - Remote Setpoint Offset [1/100°C] |
| Zone 4 | Status | Standard | ZM4_CO2VOC | 3x0299 | 4.19 | AI196 | 4.19 | 0 | 5000 | ZoneModule 4 - CO2/VOC Value [ppm] |
| Zone 4 | Status | Standard | ZM4_RH | 3x0300 | 4.19 | AI197 | 4.19 | 0 | 10000 | ZoneModule 4 - RH Value [1/100%rh] |
| CVM Meter | Status | Standard | CVMVoltageL1 | 3x0301 | 4.21 | AI198 | 4.21 | 0 | 5200 | CVM Phase L1 to neutral (N) voltage [V] |
| CVM Meter | Status | Standard | CVMCurrentL1 | 3x0302 | 4.21 | AI199 | 4.21 | 0 | 6000 | CVM Current L1 value [A] |
| CVM Meter | Status | Standard | CVMActPowerL1 | 3x0303 | 4.21 | AI200 | 4.21 | 0 | 65535 | CVM Active power [kW] |
| CVM Meter | Status | Standard | CVMVoltageL2 | 3x0304 | 4.21 | AI201 | 4.21 | 0 | 5200 | CVM Phase L2 to neutral (N) voltage [V] |
| CVM Meter | Status | Standard | CVMCurrentL2 | 3x0305 | 4.21 | AI202 | 4.21 | 0 | 6000 | CVM Current L2 value [A] |
| CVM Meter | Status | Standard | CVMActPowerL2 | 3x0306 | 4.21 | AI203 | 4.21 | 0 | 65535 | CVM Active power [kW] |
| CVM Meter | Status | Standard | CVMVoltageL3 | 3x0307 | 4.21 | AI204 | 4.21 | 0 | 5200 | CVM Phase L3 to neutral (N) voltage [V] |
| CVM Meter | Status | Standard | CVMCurrentL3 | 3x0308 | 4.21 | AI205 | 4.21 | 0 | 6000 | CVM Current L3 value [A] |
| CVM Meter | Status | Standard | CVMActPowerL3 | 3x0309 | 4.21 | AI206 | 4.21 | 0 | 65535 | CVM Active power [kW] |
| CVM Meter | Status | Standard | CVMActPowerIII | 3x0310 | 4.21 | AI207 | 4.21 | 0 | 65535 | CVM Active power three phases [W] (Low Byte) |
| CVM Meter | Status | Standard | CVMFrequency | 3x0311 | 4.21 | AI208 | 4.21 | 0 | 600 | CVM Frequency value [Hz] |
| CVM Meter | Status | Standard | CVMVoltageL1L2 | 3x0312 | 4.21 | AI209 | 4.21 | 0 | 5200 | CVM Phase-phase Voltage L1 to L2 [V] |
| CVM Meter | Status | Standard | CVMVoltageL2L3 | 3x0313 | 4.21 | AI210 | 4.21 | 0 | 5200 | CVM Phase-phase Voltage L2 to L3 [V] |
| CVM Meter | Status | Standard | CVMVoltageL3L1 | 3x0314 | 4.21 | AI211 | 4.21 | 0 | 5200 | CVM Phase-phase Voltage L3 to L1 [V] |
| CVM Meter | Status | Standard | CVMActEnergyIII | 3x0315 | 4.26 | AI230 | 5.07 | 0 | 65535 | CVM Active energy three phases [kWh] |
| CVM Meter | Status | Standard | CVMCurrentL1H | 3x0316 | 5.07 | AI235 | 5.07 | 0 | 65535 | CVM Current value [mA] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVMActPowerL1H | 3x0317 | 5.07 | AI236 | 5.07 | 0 | 65535 | CVM Active power [W] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVMCurrentL2H | 3x0318 | 5.07 | AI237 | 5.07 | 0 | 65535 | CVM Current value [mA] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVMActPowerL2H | 3x0319 | 5.07 | AI238 | 5.07 | 0 | 65535 | CVM Active power [W] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVMCurrentL3H | 3x0320 | 5.07 | AI239 | 5.07 | 0 | 65535 | CVM Current value [mA] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVMActPowerL3H | 3x0321 | 5.07 | AI240 | 5.07 | 0 | 65535 | CVM Active power [W] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVMActPowerIIIH | 3x0322 | 5.07 | AI241 | 5.07 | 0 | 65535 | CVM Active power three phases [W] (High Byte) - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVMActEnerIIIH | 3x0323 | 5.07 | AI242 | 5.07 | 0 | 65535 | CVM Active energy three phases [Wh] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVMVoltageL1 | 3x0330 | 4.21 | AI212 | 4.21 | 0 | 5200 | CCVM Cool Phase L1 to neutral (N) voltage [V] |
| CVM Meter | Status | Standard | CCVMCurrentL1 | 3x0331 | 4.21 | AI213 | 4.21 | 0 | 6000 | CCVM Cool Current L1 value [A] |
| CVM Meter | Status | Standard | CCVMActPowerL1 | 3x0332 | 4.21 | AI214 | 4.21 | 0 | 65535 | CCVM Cool Active power [kW] |
| CVM Meter | Status | Standard | CCVMVoltageL2 | 3x0333 | 4.21 | AI215 | 4.21 | 0 | 5200 | CCVM Cool Phase L2 to neutral (N) voltage [V] |
| CVM Meter | Status | Standard | CCVMCurrentL2 | 3x0334 | 4.21 | AI216 | 4.21 | 0 | 6000 | CVM Cool Current L2 value [A] |
| CVM Meter | Status | Standard | CCVMActPowerL2 | 3x0335 | 4.21 | AI217 | 4.21 | 0 | 65535 | CCVM Cool Active power [kW] |
| CVM Meter | Status | Standard | CCVMVoltageL3 | 3x0336 | 4.21 | AI218 | 4.21 | 0 | 5200 | CCVM Cool Phase L3 to neutral (N) voltage [V] |
| CVM Meter | Status | Standard | CCVMCurrentL3 | 3x0337 | 4.21 | AI219 | 4.21 | 0 | 6000 | CCVM Cool Current L3 value [A] |
| CVM Meter | Status | Standard | CCVMActPowerL3 | 3x0338 | 4.21 | AI220 | 4.21 | 0 | 65535 | CCVM Cool Active power [kW] |
| CVM Meter | Status | Standard | CCVMActPowrIII | 3x0339 | 4.21 | AI221 | 4.21 | 0 | 65535 | CCVM Cool Active power three phases [W] (Low Byte) |
| CVM Meter | Status | Standard | CCVMFrequency | 3x0340 | 4.21 | AI222 | 4.21 | 0 | 600 | CCVM Cool Frequency value [Hz] |
| CVM Meter | Status | Standard | CCVMVoltagL1L2 | 3x0341 | 4.21 | AI223 | 4.21 | 0 | 5200 | CCVM Cool Phase-phase Voltage L1 to L2 [V] |
| CVM Meter | Status | Standard | CCVMVoltagL2L3 | 3x0342 | 4.21 | AI224 | 4.21 | 0 | 5200 | CCVM Cool Phase-phase Voltage L2 to L3 [V] |
| CVM Meter | Status | Standard | CCVMVoltagL3L1 | 3x0343 | 4.21 | AI225 | 4.21 | 0 | 5200 | CCVM Cool Phase-phase Voltage L3 to L1 [V] |
| CVM Meter | Status | Standard | CCVMActEnergIII | 3x0344 | 4.26 | AI231 | 4.26 | 0 | 65535 | CCVM Cool Active energy three phases [kWh] |
| CVM Meter | Status | Standard | CCVMCurrentL1H | 3x0345 | 5.07 | AI243 | 5.07 | 0 | 65535 | CCVM Current value [mA] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVMActPoweL1H | 3x0346 | 5.07 | AI244 | 5.07 | 0 | 65535 | CCVM Active power [W] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVMCurrentL2H | 3x0347 | 5.07 | AI245 | 5.07 | 0 | 65535 | CCVM Current value [mA] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVMActPoweL2H | 3x0348 | 5.07 | AI246 | 5.07 | 0 | 65535 | CCVM Active power [W] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVMCurrentL3H | 3x0349 | 5.07 | AI247 | 5.07 | 0 | 65535 | CCVM Current value [mA] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVMActPoweL3H | 3x0350 | 5.07 | AI248 | 5.07 | 0 | 65535 | CCVM Active power [W] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVMActPowIIIH | 3x0351 | 5.07 | AI249 | 5.07 | 0 | 65535 | CCVM Active power three phases [W] (High Byte) - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVMActEnrIIIH | 3x0352 | 5.07 | AI250 | 5.07 | 0 | 65535 | CCVM Active energy three phases [Wh] - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVME3CKActEn3H | 3x0353 | 5.21 | AI255 | 5.21 | 0 | 65535 | CVM E3 Mini Active energy three phases [kWh] High byte - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVME3CKActEn3 | 3x0354 | 5.21 | AI256 | 5.21 | 0 | 65535 | CVM E3 Mini Active energy three phases [kWh] Low byte - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVME3CWActEn3H | 3x0355 | 5.21 | AI257 | 5.21 | 0 | 65535 | CVM E3 Mini Active energy three phases [Wh] High byte - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CVME3CWActEn3 | 3x0356 | 5.21 | AI258 | 5.21 | 0 | 65535 | CVM E3 Mini Active energy three phases [Wh] Low byte - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVME3CKActEn3H | 3x0357 | 5.21 | AI259 | 5.21 | 0 | 65535 | CCVM E3 Mini Active energy three phases [kWh] High byte - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CVM Meter | Status | Standard | CCVME3CKActEn3 | 3x0358 | 5.21 | AI260 | 5.21 | 0 | 65535 | CCVM E3 Mini Active energy three phases [kWh] Low byte - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVME3CWActEn3H | 3x0359 | 5.21 | AI261 | 5.21 | 0 | 65535 | CCVM E3 Mini Active energy three phases [Wh] High byte - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| CVM Meter | Status | Standard | CCVME3CWActEn3 | 3x0360 | 5.21 | AI262 | 5.21 | 0 | 65535 | CCVM E3 Mini Active energy three phases [Wh] Low byte - Note!: Values are calculated as (High byte) x 65536 + (Low byte) - High and low bytes = Integer |
| Heating coil, Electric | Status | Special | ElBattActPow | 3x0104 | 6.41 | AI226 | 4.21 | 0 | 30000 | Actual power (kW) electrical battery 1 |
| Heating coil, Electric | Status | Special | ElBatt2ActPow | 3x0105 | 6.41 | AI227 | 4.21 | 0 | 30000 | Actual power (kW) electrical battery 2 |
| Fan, supply | Status | Special | ECsupMtrPowOut | NA | NA | AI228 | 4.21 | 0 | 30000 | Actual power (kW) Supply fan |
| Fan, extract | Status | Special | ECextMtrPowOut | NA | NA | AI229 | 4.21 | 0 | 30000 | Actual power (kW) Extract fan |

| 1. Info | 1. Info | 1. Info | 1. Info | | Holding register (R/W) | | Analog value (R/W) | 1. Info | 1. Info | 1. Info | 1. Info | 1. Info |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AHU controller | Set point | | ManDriftMode | | 4x0001 | x.xx | AV0 | x.xx | 0 | 7 | 0 | 0=Auto<br>1=Manual stop<br>2=Manual low<br>3=Manual high<br>6=Manual medium<br>7=Calender |
| AHU controller | Set point | | MtrRegMode | | 4x0002 | x.xx | AV1 | x.xx | 0 | 12 | 0 | 0=pressure<br>1=flow<br>2=extract slave<br>3=supply slave<br>4=external V DC setpoint<br>5=fan optimizer supply/extract<br>6=fan optimizer with extract slave<br>7-Green Zone<br>8-Green Zone slave<br>9-Constant speed |
| Pressure | Set point | | SupDuctPaLoSet | Pa | 4x0003 | x.xx | AV2 | x.xx | 0 | 2000 | 50 | Setpoint for duct pressure, low supply [Pa] |
| Pressure | Set point | | SupDuctPaHiSet | Pa | 4x0004 | x.xx | AV3 | x.xx | 0 | 2000 | 200 | Setpoint for duct pressure, high supply [Pa] |
| Fan | Set point | | SupDuctMinFlow | l/s | 4x0005 | x.xx | AV4 | x.xx | 0 | 30000 | 1500 | Min. supply duct flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | | SupDuctMaxFlow | l/s | 4x0006 | x.xx | AV5 | x.xx | 0 | 30000 | 10000 | Max. supply duct flow P322 |
| Pressure | Set point | | ExtDuctPaLoSet | Pa | 4x0007 | x.xx | AV6 | x.xx | 0 | 2000 | 50 | Setpoint for low duct pressure, extract [Pa] |
| Pressure | Set point | | ExtDuctPaHiSet | Pa | 4x0008 | x.xx | AV7 | x.xx | 0 | 2000 | 200 | Setpoint for high duct pressure, extract [Pa] |
| Fan | Set point | | ExtDuctMinFlow | l/s | 4x0009 | x.xx | AV8 | x.xx | 0 | 30000 | 1500 | Min. extract duct flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | | ExtDuctMaxFlow | l/s | 4x0010 | x.xx | AV9 | x.xx | 0 | 30000 | 10000 | Max. extract duct flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | | SupLoSpeedSet | l/s | 4x0011 | x.xx | AV10 | x.xx | 0 | 30000 | 3000 | Setpoint for supply flow, low speed [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | | SupHiSpeedSet | l/s | 4x0012 | x.xx | AV11 | x.xx | 0 | 30000 | 7000 | Setpoint for supply flow, high speed [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | | ExtLoSpeedSet | l/s | 4x0014 | x.xx | AV12 | x.xx | 0 | 30000 | 3000 | Setpoint for extract flow, low speed [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | | ExtHiSpeedSet | l/s | 4x0015 | x.xx | AV13 | x.xx | 0 | 30000 | 7000 | Setpoint for extract flow, high speed [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | | MtrRegOffset | % | 4x0017 | x.xx | AV14 | x.xx | -5000 | 5000 | 0 | Supply/extract motor offset, slave and CO2 control [1/100%] |
| Fan | Set point | | MtrRegOffset | % | NA | NA | AV15 | x.xx | -5000 | 5000 | 0 | Supply/extract motor offset, slave and CO2 control [1/100%] |
| Fan | Set point | | MtrRegOffset | % | NA | NA | AV16 | x.xx | -5000 | 5000 | 0 | Supply/extract motor offset, slave and CO2 control [1/100%] |
| CO2 sensor | Set point | | CO2_UserSetLP | ppm | 4x0020 | x.xx | AV17 | x.xx | 0 | 10000 | 1000 | CO2 control: setpoint for low period (high CO2 value) [ppm] |
| CO2 sensor | Set point | | CO2_UserSetHP | ppm | 4x0021 | x.xx | AV18 | x.xx | 0 | 10000 | 1000 | CO2 control: setpoint for high period (high CO2 value) [ppm] |
| CO2 sensor | Set point | | CO2_MinFlow | l/s | 4x0022 | x.xx | AV19 | x.xx | 0 | 30000 | 3000 | CO2 control: min. flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| CO2 sensor | Set point | | CO2_MaxFlow | l/s | 4x0023 | x.xx | AV20 | x.xx | 0 | 30000 | 7000 | CO2 control: max. flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| CO2 sensor | Set point | | CO2_SupFlwOffs | % | 4x0024 | x.xx | AV21 | x.xx | -5000 | 5000 | 0 | CO2 control: supply flow offset [1/100%] |
| CO2 sensor | Alarm | | CO2_AlrLimit | ppm | 4x0025 | x.xx | AV22 | x.xx | 100 | 10000 | 2000 | CO2 concentration alarm limit setpoint [ppm] |
| CO2 sensor | Control | | CO2_PB | ppm | 4x0026 | x.xx | AV23 | x.xx | 10 | 10000 | 500 | CO2 control: P-band [ppm] |
| CO2 sensor | Control | Standard | CO2_I_Time | sec | 4x0027 | x.xx | AV24 | x.xx | 10 | 30000 | 700 | CO2 control: I-time [sec] |
| Fan optimizer | Set point | | FAN_SupMinFlow | l/s | 4x0028 | x.xx | AV25 | x.xx | 0 | 30000 | 2000 | Fan optimizer supply control: min. flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan optimizer | Set point | | FAN_SupMaxFlow | l/s | 4x0029 | x.xx | AV26 | x.xx | 0 | 30000 | 10000 | Fan optimizer extract control: min. flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan optimizer | Set point | | FAN_ExtMinFlow | l/s | 4x0030 | x.xx | AV27 | x.xx | 0 | 30000 | 2000 | Fan optimizer supply control: max. flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan optimizer | Set point | | FAN_ExtMaxFlow | l/s | 4x0031 | x.xx | AV28 | x.xx | 0 | 30000 | 10000 | Fan optimizer extract control: max. flow [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan optimizer | Set point | | FAN_ExtFlwOffs | % | 4x0032 | x.xx | AV29 | x.xx | -5000 | 5000 | 0 | Fan optimizer extract control: flow offset [1/100%] |
| Fan | Control | Standard | SupMtr_I_Time | sec | 4x0033 | x.xx | AV30 | x.xx | 5 | 1000 | 50 | Supply motor control: I-time setpoint [sec] |
| Fan | Control | Standard | ExtMtr_I_Time | sec | 4x0034 | x.xx | AV31 | x.xx | 5 | 1000 | 50 | Extract motor control: I-time setpoint [sec] |
| Fan | Fire | | SupFlowFireSet | % | 4x0035 | x.xx | AV32 | x.xx | 0 | 10000 | 8000 | Supply motor speed setpoint in case of fire alarm [%] |
| Fan | Fire | | ExtFlowFireSet | % | 4x0036 | x.xx | AV33 | x.xx | 0 | 10000 | 8000 | Extract motor speed setpoint in case of fire alarm [%] |
| Fan | Control | | HS_AfterRunSet | | 4x0037 | x.xx | AV34 | x.xx | 0 | 480 | 0 | Run-on time, high speed [min] |
| Fan | Set point | | FlwTmpCmpSet | % | 4x0040 | x.xx | AV35 | x.xx | 0 | 5000 | 2500 | Reduction of flow / percentage of setpoint [1/100%] |
| Fan | Set point | | FlwTmpCmpStart | °C | 4x0041 | x.xx | AV36 | x.xx | -1000 | 1500 | 500 | Reduction of flow / start temp. setpoint [1/100°C] |
| Fan | Set point | | FlwTmpCmpStop | °C | 4x0042 | x.xx | AV37 | x.xx | -3000 | -1000 | -2000 | Reduction of flow / stop temp. setpoint [1/100°C] |
| Cooling, DX | Set point | Special | DXOutTempMin1 | °C | 4x0043 | x.xx | AV211 | x.xx | 0 | 4000 | 1600 | Min. outdoor temperature for activating DX relay no. 1 |
| Cooling, DX | Set point | Special | DXOutTempMin2 | °C | 4x0044 | x.xx | AV212 | x.xx | 0 | 4000 | 1600 | Min. outdoor temperature for activating DX relay no. 2 |
| Cooling, DX | Set point | Special | DXOutTempMin3 | °C | 4x0045 | x.xx | AV213 | x.xx | 0 | 4000 | 1600 | Min. outdoor temperature for activating DX relay no. 3 |
| Cooling, DX | Set point | Special | DXOutTempMin4 | °C | 4x0046 | x.xx | AV214 | x.xx | 0 | 4000 | 1600 | Min. outdoor temperature for activating DX relay no. 4 |
| AHU controller | Time | Standard | TimeSw-Year | | 4x0050 | x.xx | AV38 | x.xx | 2000 | 2099 | | Actual year |
| AHU controller | Time | Standard | TimeSw-Month | | 4x0051 | x.xx | AV39 | x.xx | 1 | 12 | | Actual month |
| AHU controller | Time | Standard | TimeSw-Date | | 4x0052 | x.xx | AV40 | x.xx | 1 | 31 | | Actual date |
| AHU controller | Time | Standard | TimeSw-Hour | h | 4x0053 | x.xx | AV41 | x.xx | 0 | 23 | | Actual hour |
| AHU controller | Time | Standard | TimeSw-Minute | Min | 4x0054 | x.xx | AV42 | x.xx | 0 | 59 | | Actual minutes |
| AHU controller | Time | Standard | TimeSw-Second | Sec | 4x0055 | x.xx | AV43 | x.xx | 0 | 59 | | Actual seconds |
| AHU controller | Control | | ExtDrfStartDay | | 4x0056 | x.xx | AV44 | x.xx | 0 | 6 | 0 | Extended operation start – day (0=Mon..6=Sun) |
| AHU controller | Control | | ExtDrfStartMin | Min | 4x0057 | x.xx | AV45 | x.xx | 0 | 1439 | 0 | Extended operation start – time (hours times 60 plus minutes) |
| AHU controller | Control | | ExtDrfStopDay | | 4x0058 | x.xx | AV46 | x.xx | 0 | 6 | 0 | Extended operation stop – day (0=Mon..6=Sun) |
| AHU controller | Control | | ExtDrfStopMin | Min | 4x0059 | x.xx | AV47 | x.xx | 0 | 1439 | 0 | Extended operation stop – time (hours times 60 plus minutes) |
| AHU controller | Week Schedule | Standard | TimeSw-DayMode | | 4x0060 | x.xx | AV48 | x.xx | 0 | 2 | 0 | Timer program type (0..2)0=Mon..Sun, 1=Mon..Fri+weekend, 2=all week |
| AHU controller | Week Schedule | Standard | TimeSw-Start00 | Min | 4x0061 | x.xx | AV49 | x.xx | 0 | 1439 | 480 | Monday: First period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start01 | Min | 4x0062 | x.xx | AV50 | x.xx | 0 | 1439 | 960 | Tuesday: First period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start02 | Min | 4x0063 | x.xx | AV51 | x.xx | 0 | 1439 | 360 | Wednesday: First period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start03 | Min | 4x0064 | x.xx | AV52 | x.xx | 0 | 1439 | 0 | Thursday: First period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start04 | Min | 4x0065 | x.xx | AV53 | x.xx | 0 | 1439 | 480 | Friday: First period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start05 | Min | 4x0066 | x.xx | AV54 | x.xx | 0 | 1439 | 960 | Saturday: First period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start06 | Min | 4x0067 | x.xx | AV55 | x.xx | 0 | 1439 | 360 | Sunday: First period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start07 | Min | 4x0068 | x.xx | AV56 | x.xx | 0 | 1439 | 0 | Monday: Second period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start08 | Min | 4x0069 | x.xx | AV57 | x.xx | 0 | 1439 | 480 | Tuesday: Second period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start09 | Min | 4x0070 | x.xx | AV58 | x.xx | 0 | 1439 | 960 | Wednesday: Second period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start10 | Min | 4x0071 | x.xx | AV59 | x.xx | 0 | 1439 | 360 | Thursday: Second period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start11 | Min | 4x0072 | x.xx | AV60 | x.xx | 0 | 1439 | 0 | Friday: Second period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start12 | Min | 4x0073 | x.xx | AV61 | x.xx | 0 | 1439 | 480 | Saturday: Second period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start13 | Min | 4x0074 | x.xx | AV62 | x.xx | 0 | 1439 | 960 | Sunday: Second period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start14 | Min | 4x0075 | x.xx | AV63 | x.xx | 0 | 1439 | 360 | Monday: Third period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start15 | Min | 4x0076 | x.xx | AV64 | x.xx | 0 | 1439 | 0 | Tuesday: Third period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start16 | Min | 4x0077 | x.xx | AV65 | x.xx | 0 | 1439 | 480 | Wednesday: Third period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start17 | Min | 4x0078 | x.xx | AV66 | x.xx | 0 | 1439 | 960 | Thursday: Third period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start18 | Min | 4x0079 | x.xx | AV67 | x.xx | 0 | 1439 | 360 | Friday: Third period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start19 | Min | 4x0080 | x.xx | AV68 | x.xx | 0 | 1439 | 0 | Saturday: Third period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start20 | Min | 4x0081 | x.xx | AV69 | x.xx | 0 | 1439 | 480 | Sunday: Third period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start21 | Min | 4x0082 | x.xx | AV70 | x.xx | 0 | 1439 | 960 | Monday: Fourth period start time [minutes after midnight] |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AHU controller | Week Schedule | Standard | TimeSw-Start22 | Min | 4x0083 | x.xx | AV71 | x.xx | 0 | 1439 | 360 | Tuesday: Fourth period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start23 | Min | 4x0084 | x.xx | AV72 | x.xx | 0 | 1439 | 0 | Wednesday: Fourth period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start24 | Min | 4x0085 | x.xx | AV73 | x.xx | 0 | 1439 | 480 | Thursday: Fourth period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start25 | Min | 4x0086 | x.xx | AV74 | x.xx | 0 | 1439 | 960 | Friday: Fourth period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start26 | Min | 4x0087 | x.xx | AV75 | x.xx | 0 | 1439 | 360 | Saturday: Fourth period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Start27 | Min | 4x0088 | x.xx | AV76 | x.xx | 0 | 1439 | 0 | Sunday: Fourth period start time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop00 | Min | 4x0089 | x.xx | AV77 | x.xx | 1 | 1440 | 960 | Monday: First period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop01 | Min | 4x0090 | x.xx | AV78 | x.xx | 1 | 1440 | 1440 | Tuesday: First period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop02 | Min | 4x0091 | x.xx | AV79 | x.xx | 1 | 1440 | 480 | Wednesday: First period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop03 | Min | 4x0092 | x.xx | AV80 | x.xx | 1 | 1440 | 360 | Thursday: First period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop04 | Min | 4x0093 | x.xx | AV81 | x.xx | 1 | 1440 | 960 | Friday: First period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop05 | Min | 4x0094 | x.xx | AV82 | x.xx | 1 | 1440 | 1440 | Saturday: First period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop06 | Min | 4x0095 | x.xx | AV83 | x.xx | 1 | 1440 | 480 | Sunday: First period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop07 | Min | 4x0096 | x.xx | AV84 | x.xx | 1 | 1440 | 360 | Monday: Second period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop08 | Min | 4x0097 | x.xx | AV85 | x.xx | 1 | 1440 | 960 | Tuesday: Second period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop09 | Min | 4x0098 | x.xx | AV86 | x.xx | 1 | 1440 | 1440 | Wednesday: Second period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop10 | Min | 4x0099 | x.xx | AV87 | x.xx | 1 | 1440 | 480 | Thursday: Second period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop11 | Min | 4x0100 | x.xx | AV88 | x.xx | 1 | 1440 | 360 | Friday: Second period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop12 | Min | 4x0101 | x.xx | AV89 | x.xx | 1 | 1440 | 960 | Saturday: Second period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop13 | Min | 4x0102 | x.xx | AV90 | x.xx | 1 | 1440 | 1440 | Sunday: Second period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop14 | Min | 4x0103 | x.xx | AV91 | x.xx | 1 | 1440 | 480 | Monday: Third period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop15 | Min | 4x0104 | x.xx | AV92 | x.xx | 1 | 1440 | 360 | Tuesday: Third period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop16 | Min | 4x0105 | x.xx | AV93 | x.xx | 1 | 1440 | 960 | Wednesday: Third period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop17 | Min | 4x0106 | x.xx | AV94 | x.xx | 1 | 1440 | 1440 | Thursday: Third period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop18 | Min | 4x0107 | x.xx | AV95 | x.xx | 1 | 1440 | 480 | Friday: Third period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop19 | Min | 4x0108 | x.xx | AV96 | x.xx | 1 | 1440 | 360 | Saturday: Third period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop20 | Min | 4x0109 | x.xx | AV97 | x.xx | 1 | 1440 | 960 | Sunday: Third period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop21 | Min | 4x0110 | x.xx | AV98 | x.xx | 1 | 1440 | 1440 | Monday: Fourth period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop22 | Min | 4x0111 | x.xx | AV99 | x.xx | 1 | 1440 | 480 | Tuesday: Fourth period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop23 | Min | 4x0112 | x.xx | AV100 | x.xx | 1 | 1440 | 360 | Wednesday: Fourth period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop24 | Min | 4x0113 | x.xx | AV101 | x.xx | 1 | 1440 | 960 | Thursday: Fourth period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop25 | Min | 4x0114 | x.xx | AV102 | x.xx | 1 | 1440 | 1440 | Friday: Fourth period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop26 | Min | 4x0115 | x.xx | AV103 | x.xx | 1 | 1440 | 480 | Saturday: Fourth period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Stop27 | Min | 4x0116 | x.xx | AV104 | x.xx | 1 | 1440 | 360 | Sunday: Fourth period stop time [minutes after midnight] |
| AHU controller | Week Schedule | Standard | TimeSw-Mode00 | | 4x0117 | x.xx | AV105 | x.xx | 0 | 6 | 2 | Monday: First period operating mode: 0=OFF, 1=low speed, 2=high speed, 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode01 | | 4x0118 | x.xx | AV106 | x.xx | 0 | 6 | 1 | Tuesday: First period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode02 | | 4x0119 | x.xx | AV107 | x.xx | 0 | 6 | 1 | Wednesday: First period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode03 | | 4x0120 | x.xx | AV108 | x.xx | 0 | 6 | 0 | Thursday: First period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode04 | | 4x0121 | x.xx | AV109 | x.xx | 0 | 6 | 2 | Friday: First period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode05 | | 4x0122 | x.xx | AV110 | x.xx | 0 | 6 | 1 | Saturday: First period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode06 | | 4x0123 | x.xx | AV111 | x.xx | 0 | 6 | 1 | Sunday: First period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode07 | | 4x0124 | x.xx | AV112 | x.xx | 0 | 6 | 0 | Monday: Second period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode08 | | 4x0125 | x.xx | AV113 | x.xx | 0 | 6 | 2 | Tuesday: Second period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode09 | | 4x0126 | x.xx | AV114 | x.xx | 0 | 6 | 1 | Wednesday: Second period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode10 | | 4x0127 | x.xx | AV115 | x.xx | 0 | 6 | 1 | Thursday: Second period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode11 | | 4x0128 | x.xx | AV116 | x.xx | 0 | 6 | 0 | Friday: Second period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode12 | | 4x0129 | x.xx | AV117 | x.xx | 0 | 6 | 2 | Saturday: Second period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode13 | | 4x0130 | x.xx | AV118 | x.xx | 0 | 6 | 1 | Sunday: Second period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode14 | | 4x0131 | x.xx | AV119 | x.xx | 0 | 6 | 1 | Monday: Third period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode15 | | 4x0132 | x.xx | AV120 | x.xx | 0 | 6 | 0 | Tuesday: Third period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode16 | | 4x0133 | x.xx | AV121 | x.xx | 0 | 6 | 2 | Wednesday: Third period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode17 | | 4x0134 | x.xx | AV122 | x.xx | 0 | 6 | 1 | Thursday: Third period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode18 | | 4x0135 | x.xx | AV123 | x.xx | 0 | 6 | 1 | Friday: Third period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode19 | | 4x0136 | x.xx | AV124 | x.xx | 0 | 6 | 0 | Saturday: Third period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode20 | | 4x0137 | x.xx | AV125 | x.xx | 0 | 6 | 2 | Sunday: Third period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode21 | | 4x0138 | x.xx | AV126 | x.xx | 0 | 6 | 1 | Monday: Fourth period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode22 | | 4x0139 | x.xx | AV127 | x.xx | 0 | 6 | 1 | Tuesday: Fourth period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode23 | | 4x0140 | x.xx | AV128 | x.xx | 0 | 6 | 0 | Wednesday: Fourth period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode24 | | 4x0141 | x.xx | AV129 | x.xx | 0 | 6 | 2 | Thursday: Fourth period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode25 | | 4x0142 | x.xx | AV130 | x.xx | 0 | 6 | 1 | Friday: Fourth period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode26 | | 4x0143 | x.xx | AV131 | x.xx | 0 | 6 | 1 | Saturday: Fourth period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Week Schedule | Standard | TimeSw-Mode27 | | 4x0144 | x.xx | AV132 | x.xx | 0 | 6 | 0 | Sunday: Fourth period operating mode: 0=OFF, 1=low speed, 2=high speed , 6=medium speed |
| AHU controller | Control | Standard | TempRegMode | | 4x0148 | x.xx | AV133 | x.xx | 0 | 3 | 0 | 0=supply, 1-Extract, 2=Room, 3=supply/extract differential |
| AHU controller | Set point | Standard | TempRegSet | °C | 4x0149 | x.xx | AV134 | x.xx | 0 | 4000 | | Temperature setpoint for actual control type [1/100°C] |
| AHU controller | Set point | Standard | SupTempMinSet | °C | 4x0150 | x.xx | AV135 | x.xx | 0 | 4000 | 1000 | Min. limit supply temperature [1/100°C] |
| AHU controller | Set point | Standard | SupTempMaxSet | °C | 4x0151 | x.xx | AV136 | x.xx | 2000 | 5000 | 3500 | Max. limit supply temperature [1/100°C] |
| AHU controller | Set point | Standard | SupTempDiffSet | °C | 4x0152 | x.xx | AV137 | x.xx | 100 | 1500 | 300 | Setpoint: Temperature differential between supply and extract.<br>Only relevant when TempRegMode is 3 (supply/extract differential)<br>(constant supply/extract - differential temperature control) [1/100°C] |
| AHU controller | Alarm | Standard | SupTempDif2Alr | °C | 4x0155 | x.xx | NA | x.xx | 200 | 1500 | 500 | Alarm limit for temperature differential between supply<br>setpoint and actual value [1/100°C] |
| AHU controller | Alarm | Standard | SupTempDiffAlr | °C | 4x0156 | x.xx | AV138 | x.xx | 200 | 1500 | 500 | Alarm limit for temperature differential between supply<br>setpoint and actual value [1/100°C] |
| Heating | Control | Standard | SupTempHeatPB | °C | 4x0157 | x.xx | AV139 | x.xx | 200 | 10000 | 750 | P-band for supply air temperature control [1/100°C] |
| Cooling coil | Control | Standard | SupTempCool_IT | sec | 4x0158 | x.xx | AV140 | x.xx | 10 | 30000 | 700 | I-time for supply cooling control [sec] |
| Heat exchanger | Control | Standard | SupTempEXC_IT | sec | 4x0159 | x.xx | AV141 | x.xx | 10 | 30000 | 120 | I-time for supply heat exchanger control [sec] |
| Heating | Control | Standard | SupTempHeat_IT | sec | 4x0160 | x.xx | AV142 | x.xx | 10 | 30000 | 300 | I-time for supply heating control [sec] |
| Fan | Control | Standard | SupTempDnRegIt | sec | 4x0161 | x.xx | AV143 | x.xx | 10 | 30000 | 120 | I-time for supply flow reduction in case of low supply temperature [sec] |
| Heater 2 | Control | Standard | SupTempHeat2IT | sec | 4x0162 | x.xx | NA | NA | 10 | 30000 | 300 | I-time for supply heating2 control [sec] |
| Heat pump | Control | Speciel | SupTempHP_IT | sec | 4x0164 | x.xx | NA | NA | 10 | 30000 | 300 | I-time for heat pump[sec] |
| Heating | Alarm | | ExtTempDiffAlr | °C | 4x0165 | x.xx | AV144 | x.xx | 200 | 1500 | 500 | Alarm limit for temperature differential between extract setpoint and actual value [1/100°C] |
| Heating | Control | | ExtTempHeatPB | °C | 4x0166 | x.xx | AV145 | x.xx | 200 | 10000 | 500 | P-band for extract air temperature control [1/100°C] |
| Cooling coil | Control | Standard | ExtTempCool_It | sec | 4x0167 | x.xx | AV146 | x.xx | 10 | 30000 | 1000 | I-time for extract cooling control [sec] |
| Heat exchanger | Control | Standard | ExtTempEXC_It | sec | 4x0168 | x.xx | AV147 | x.xx | 10 | 30000 | 300 | I-time for extract heat exchanger control [sec] |
| Heating | Control | Standard | ExtTempHeat_It | sec | 4x0169 | x.xx | AV148 | x.xx | 10 | 30000 | 600 | I-time for extract heating control [sec] |
| Fan | Control | Standard | ExtTempDnRegIt | sec | 4x0170 | x.xx | AV149 | x.xx | 10 | 30000 | 300 | I-time for extract flow reduction in case of low supply temperature [sec] |
| Heater 2 | Control | Standard | ExtTempHeat2It | sec | 4x0171 | x.xx | NA | NA | 10 | 30000 | 600 | I-time for heating 2 control [sec] |
| Heat pump | Control | Standard | ExtTempHP_IT | sec | 4x0173 | x.xx | NA | NA | 10 | 30000 | 600 | I-time for heat pump control [sec] |
| AHU controller | Summer/Winter comp. | Standard | SWTC_WintX1 | °C | 4x0175 | x.xx | AV150 | x.xx | -3000 | 0 | -1500 | Summer/winter temp. comp.: low outdoor temp. setpoint, winter [1/100°C] |
| AHU controller | Summer/Winter comp. | Standard | SWTC_WintX2 | °C | 4x0176 | x.xx | AV151 | x.xx | -1000 | 1000 | 0 | Summer/winter temp. comp.: high outdoor temp. setpoint, winter [1/100°C] |
| AHU controller | Summer/Winter comp. | Standard | SWTC_SumX1 | °C | 4x0177 | x.xx | AV152 | x.xx | 1000 | 3000 | 2000 | Summer/winter temp. comp.: low outdoor temp. setpoint, summer [1/100°C] |
| AHU controller | Summer/Winter comp. | Standard | SWTC_SumX2 | °C | 4x0178 | x.xx | AV153 | x.xx | 2000 | 4000 | 3000 | Summer/winter temp. comp.: high outdoor temp. setpoint, summer [1/100°C] |
| AHU controller | Summer/Winter comp. | Standard | SWTCWinComVal | °C | 4x0179 | x.xx | AV154 | x.xx | 0 | 1000 | 500 | Summer/winter temp. comp.: winter compensation [1/100°C] |
| AHU controller | Summer/Winter comp. | Standard | SWTCSumComVal | °C | 4x0180 | x.xx | AV155 | x.xx | -1000 | 1000 | -500 | Summer/winter temp. comp.: summer compensation [1/100°C] |
| Cooling coil | Alarm | Standard | C_LoPress1Alr | Bar | 4x0181 | 6.41 | AV315 | 6.41 | 0 | 10000 | 300 | LoPressSens-1 AlarmLimit [1/100 Bar] |
| Cooling coil | Alarm | Standard | C_HiPress1Alr | Bar | 4x0182 | 6.41 | AV316 | 6.41 | 0 | 10000 | 1500 | HiPressSens-1 AlarmLimit [1/100 Bar] |
| Cooling coil | Alarm | Standard | C_LoPress2Alr | Bar | 4x0183 | 6.41 | AV317 | 6.41 | 0 | 10000 | 300 | LoPressSens-2 AlarmLimit [1/100 Bar] |
| Cooling coil | Alarm | Standard | C_HiPress2Alr | Bar | 4x0184 | 6.41 | AV318 | 6.41 | 0 | 10000 | 1500 | HiPressSens-2 AlarmLimit [1/100 Bar] |

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| AHU controller | Summer/Winter comp. | Standard | SW_Mode | | 4x0185 | x.xx | AV156 | x.xx | 0 | 4 | 0 | Summer/winter changeover:<br>0=OFF (no summer/winter changeover)<br>1=Changeover determined by outdoor temperature<br>2=Changeover determined by date<br>3=Manual summer<br>4=Manual winter |
| AHU controller | Summer/Winter comp. | Standard | SW_OutWinterON | °C | 4x0186 | x.xx | AV157 | x.xx | -3000 | 4000 | 0 | Outdoor temperature for start of winter operation (SW_Mode = 1) [1/100°C] |
| AHU controller | Summer/Winter comp. | Standard | SW_OutSummerON | °C | 4x0187 | x.xx | AV158 | x.xx | -3000 | 4000 | 2000 | Outdoor temperature for start of summer operation (SW_Mode = 1) [1/100°C] |
| AHU controller | Summer/Winter comp. | Standard | SW_MonthWintON | | 4x0188 | x.xx | AV159 | x.xx | 7 | 12 | 11 | Month for start of winter operation (SW_Mode = 2) |
| AHU controller | Summer/Winter comp. | Standard | SW_DateWintON | | 4x0189 | x.xx | AV160 | x.xx | 1 | 31 | 1 | Date for start of winter operation (SW_Mode = 2) |
| AHU controller | Summer/Winter comp. | Standard | SW_MonthSumON | | 4x0190 | x.xx | AV161 | x.xx | 1 | 6 | 5 | Month for start of summer operation (SW_Mode = 2) |
| AHU controller | Summer/Winter comp. | Standard | SW_DateSumON | | 4x0191 | x.xx | AV162 | x.xx | 1 | 31 | 1 | Date for start of summer operation (SW_Mode = 2) |
| Damper, Recirculation | Set point | Standard | RecicStartTmp | °C | 4x0195 | x.xx | AV163 | x.xx | 500 | 4000 | 1900 | Startup temperature for recirculation [1/100 °C] |
| Damper, Recirculation | Set point | Standard | RecicStopTmp | °C | 4x0196 | x.xx | AV164 | x.xx | 500 | 4000 | 2100 | Stop temperature for recirculation [1/100 °C] |
| Damper, Recirculation | Set point | Special | RecicStartTmp2 | | 4x0197 | x.xx | AV295 | x.xx | 500 | 4000 | 2100 | Start temperature for recirculation [1/100 °C] |
| Damper, Recirculation | Set point | Special | RecicStopTmp2 | | 4x0198 | x.xx | AV296 | x.xx | 500 | 4000 | 2100 | Stop temperature for recirculation [1/100 °C] |
| Damper, Recirculation | Set point | Special | RecSwitchTmp2 | | 4x0199 | x.xx | AV297 | x.xx | 500 | 4000 | 2100 | Switch temperature for recirculation [1/100 °C] |
| AHU controller | Fire | | SupTempFireAlr | °C | 4x0200 | x.xx | AV165 | x.xx | 5000 | 12000 | 8000 | Setpoint for internal fire alarm in supply duct [1/100°C] |
| AHU controller | Fire | | ExtTempFireAlr | °C | 4x0201 | x.xx | AV166 | x.xx | 3500 | 12000 | 7000 | Setpoint for internal fire alarm in extract duct [1/100°C] |
| Cooling coil | Control | Standard | CoolFlwForcePc | % | 4x0205 | x.xx | AV167 | x.xx | 0 | 10000 | 2500 | Increase in fan speed when cooling is active [%] |
| Cooling coil | Set point | Standard | CoolOutTmpMin | °C | 4x0206 | x.xx | AV168 | x.xx | 0 | 3000 | 1500 | Min. outdoor temperature for start of cooling |
| Cooling coil | Set point | Standard | CoolSupMinTmp | °C | 4x0207 | x.xx | AV169 | x.xx | 0 | 2500 | 1200 | Min. supply temperature when cooling is active (only with room temp. control) |
| AHU controller | Summer Night Cooling | Standard | SN_ExtTmpStart | °C | 4x0210 | x.xx | AV170 | x.xx | 1500 | 4000 | 2300 | Summer night extract/room temp. start [1/100°C] |
| AHU controller | Summer Night Cooling | Standard | SN_ExtTmpStop | °C | 4x0211 | x.xx | AV171 | x.xx | 1000 | 3000 | 2000 | Summer night extract/room temp. stop [1/100°C] |
| AHU controller | Summer Night Cooling | Standard | SN_OutTmpStart | °C | 4x0212 | x.xx | AV172 | x.xx | 500 | 2000 | 1200 | Summer night outdoor temp. start [1/100°C] |
| AHU controller | Summer Night Cooling | Standard | SN_SupTmpSet | °C | 4x0213 | x.xx | AV173 | x.xx | 500 | 2000 | 1000 | Summer night supply temp. control setpoint [1/100°C] |
| AHU controller | Summer Night Cooling | Standard | SN_StartTime | Min | 4x0214 | x.xx | AV174 | x.xx | 0 | 1439 | 1380 | Summer night start [min] |
| AHU controller | Summer Night Cooling | Standard | SN_StopTime | Min | 4x0215 | x.xx | AV175 | x.xx | 0 | 1439 | 360 | Summer night stop [min] |
| Heat exchanger | Set point | Special | CExcDelceTemp | °C | 4x0220 | x.xx | AV176 | x.xx | -500 | 2000 | 500 | Min. exhaust temp setpoint for cross-flow heat exchanger [1/100°C] |
| Heat exchanger | Control | Special | CExcDelceTempP | °C | 4x0221 | x.xx | AV177 | x.xx | 200 | 2000 | 500 | P-band for bypass control of cross-flow heat exchanger [1/100°C] |
| Heat exchanger | Set point | Special | CExcDelcePress | Pa | 4x0222 | x.xx | AV313 | 6.41 | 10 | 5000 | 30 | Setpoint for pressure drop across cross-flow exchanger for start of de-icing [Pa] |
| Heat exchanger | Control | Special | CExcDelceTime | Sec | 4x0223 | x.xx | AV314 | 6.41 | 180 | 1800 | 300 | Setpoint for duration of heat exchanger de-icing [sec] |
| Heat exchanger | Control | Standard | BattEXC_PumpFc | | 4x0225 | x.xx | AV178 | x.xx | 0 | 3 | 1 | Circulation pump mode on heat exchanger coil:<br>0 --> Pump runs constantly<br>1 --> Pump runs if heat recovery demand is > 0 (AutoMode)<br>2 --> Pump runs if outdoor temp. is < temp. setpoint for pump start |
| Heat exchanger | Control | Standard | BattEXC_PumpSt | °C | 4x0226 | x.xx | AV179 | x.xx | 0 | 4000 | 1500 | Startup temp. setpoint for circulation pump on heat exchanger coil<br>ONLY used if CoilEXC_PumpFunc (Address 224) = 2.<br>Pump runs if outdoor temp. is < temp. setpoint for pump start |
| Heat exchanger | Alarm | Standard | BattEXC_AlrSet | °C | 4x0227 | x.xx | AV180 | x.xx | -1000 | 2000 | 800 | Temp. differential alarm setpoint for heat exchanger coil<br>Alarm activated if temperature differential (in relation to outdoor temp.)<br>downstream from heat exchanger coil operating at 50% power (or more) is lower than the alarm setpoint |
| Humidity | Set point | Standard | Humid_SupSet | % | 4x0228 | x.xx | AV304 | 6.12 | 0 | 10000 | 2000 | Humidity setpoint for selected control type (supply/exhaust) [1/100%] RH |
| Heating coil 1, Water | Set point | Standard | HW1UpStartPow | % | 4x0230 | x.xx | AV181 | x.xx | 0 | 10000 | 5000 | Heating coil: Startup power setpoint [1/100%] |
| Heating coil 1, Water | Control | Standard | HW1PumpFunc | | 4x0231 | x.xx | AV182 | x.xx | 0 | 3 | 1 | Circulation pump mode on heating coil:<br>0 --> Pump runs constantly<br>1 --> Pump runs if heat demand is > 0 (AutoMode)<br>2 --> Pump runs if outdoor temp. is < temp. setpoint for pump start |
| Heating coil 1, Water | Set point | Standard | HW1PmpStartTmp | °C | 4x0232 | x.xx | AV183 | x.xx | 500 | 3000 | 1500 | Startup temp. setpoint for circulation pump on heating coil<br>ONLY used if HW_PumpFunc (Address 230) = 2<br>Pump runs if outdoor temp. is < temp. setpoint for pump start |
| Heating coil 1, Water | Set point | Standard | HW1FrzStopSet | °C | 4x0233 | x.xx | AV184 | x.xx | 500 | 4000 | 2500 | Setpoint for frost protection control when unit is in STOP mode [1/100°C] |
| Heating coil 1, Water | Set point | Standard | HW1FrzDriftSet | °C | 4x0234 | x.xx | AV185 | x.xx | 200 | 2000 | 500 | Setpoint for frost prot. control when unit is in OPERATING mode [1/100°C] |
| Heating coil 1, Water | Control | Standard | HW1FreezePB | °C | 4x0235 | x.xx | AV186 | x.xx | 200 | 2000 | 500 | P-band for frost protection control [1/100°C] |
| Heating coil 1, Water | Set point | Standard | HW1FrzAlrTpSet | °C | 4x0236 | x.xx | AV187 | x.xx | 200 | 2000 | 200 | Setpoint for frost protection temp. alarm [1/100°C] |
| Heating coil 1, Water | Set point | Standard | HW1PmpStartPrc | % | 4x0237 | x.xx | AV312 | 6.41 | 0 | 10000 | 300 | Heating coil 1<br>Start circulation pump with %-open valve [1/100%]<br>ONLY used if HW1_PumpFunc (Address 230) = 1<br>The pump starts when the value is exceeded. |
| Cooling coil | Control | Standard | CW_PumpFunc | | 4x0240 | x.xx | AV188 | x.xx | 0 | 3 | 0 | Cooling water pump mode:<br>0 --> Pump runs constantly<br>1 --> Pump runs if cooling power is > 0 (AutoMode)<br>2 --> Pump runs if outdoor temp. > temp. setpoint for pump start |
| Cooling coil | Set point | Standard | CW_PmpStartTmp | °C | 4x0241 | x.xx | AV189 | x.xx | 500 | 4000 | 2100 | Temp. setpoint for start of cooling coil pump<br>ONLY used if CW_PumpFunc (Address 239) = 2<br>Pump runs if outdoor temp. is > temp. setpoint for pump start |
| GreenZone | Set point | Standard | FanOptSupExtIn | % | 4x0242 | x.xx | AV223 | x.xx | 0 | 10000 | | External signal GreenZone, supply [1/100%] |
| GreenZone | Set point | Standard | FanOptExtExtIn | % | 4x0243 | x.xx | AV224 | x.xx | 0 | 10000 | | External signal GreenZone, exhaust [1/100%] |
| Filter | Alarm | Standard | FiltSupStatAlr | Pa | 4x0245 | x.xx | AV190 | x.xx | 10 | 500 | 80 | Alarm limit for pressure drop across intake filter (static mode) |
| Filter | Alarm | Standard | FiltExtStatAlr | Pa | 4x0246 | x.xx | AV191 | x.xx | 10 | 500 | 80 | Alarm limit for pressure drop across exhaust filter (static mode) |
| Filter | Alarm | Standard | FiltSupDynAlr | % | 4x0247 | x.xx | AV192 | x.xx | 1000 | 10000 | 5000 | Alarm limit for pressure drop across intake filter (dynamic mode) |
| Filter | Alarm | Standard | FiltExtDynAlr | % | 4x0248 | x.xx | AV193 | x.xx | 1000 | 10000 | 5000 | Alarm limit for pressure drop across exhaust filter (dynamic mode) |
| Filter | Alarm | Standard | FiltSup2StaAlr | Pa | 4x0249 | 4.18 | AV258 | 4.18 | 10 | 500 | 80 | Filter Pressure Alr Limit for SupFilter2 (static mode) |
| AHU controller | Alarm | Standard | Alr_MailSetup | | 4x0250 | x.xx | AV194 | x.xx | 0 | 3 | 3 | Alarm email setup<br>0 --> Emails not sent<br>1 --> Emails sent for A-alarms<br>2 --> Emails sent for B-alarms<br>3 --> Emails sent for A and B-alarms |
| AHU controller | Alarm | Standard | UserRE_Func | | 4x0251 | x.xx | AV195 | x.xx | 0 | 4 | 0 | User RE (B-Alarm relay) Function:<br>0 --> B-alarm<br>1 --> Low speed indication<br>2 --> High speed indication<br>3 --> Medium speed indication |
| Preheater coil | Set point | Standard | PHStartPrc | % | 4x0252 | x.xx | AV206 | x.xx | 0 | 30000 | 5000 | Pre-heating coil - Start-up output setpoint [1/100%];<br>when system is in start-up sequence<br>Pre-heating coil |
| Preheater coil | Control | Standard | PHPumpMode | | 4x0253 | x.xx | AV210 | x.xx | 0 | 4 | 0 | Circulation pump function:<br>0 --> Pump runs constantly<br>1 --> Pump runs if heat output is > 0 (AutoMode)<br>2 --> Pump runs if outdoor temp. is > temp. setpoint for pump start<br>Pre-heating coil |
| Preheater coil | Set point | Standard | PHPmpStTmpH | °C | 4x0254 | x.xx | AV208 | x.xx | 500 | 3000 | 1000 | Start temperature for circulation pump of pre-heating coil.<br>ONLY used if PHPumpMode (Address 252) = 2<br>Pump runs if outdoor temp. is < temp. setpoint for pump start |
| Preheater coil | Set point | Standard | PHStandbyTmp | °C | 4x0255 | x.xx | AV205 | x.xx | 500 | 4000 | 2500 | Pre-heating coil<br>Setpoint for frost protection control when system is in STOP mode [1/100°C] |
| Preheater coil | Set point | Standard | PHFrzDrSetH | °C | 4x0256 | x.xx | AV209 | x.xx | 200 | 2000 | 500 | Pre-heating coil<br>Setpoint for frost protection control when system is in OPERATING mode [1/100°C] |
| Preheater coil | Control | Standard | PHeatFrzPB | °C | 4x0257 | x.xx | AV207 | x.xx | 200 | 2000 | 500 | Pre-heating coil<br>P-band for frost protection control [1/100°C] |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Preheater coil | Alarm | Standard | PHMinAlrFrz | °C | 4x0258 | x.xx | AV204 | x.xx | -4000 | 10000 | 200 | Pre-heating coil - Frost alarm<br>Setpoint for frost protection temperature alarm [1/100°C] |
| Preheater coil | Set point | Standard | PHeatSet | °C | 4x0259 | x.xx | AV203 | x.xx | -3000 | 2000 | 200 | Pre-heating coil - Setpoint supply duct; just after pre-heating coil |
| Heating coil 2, Water | Set point | Standard | HW2UpStartPow | % | 4x0260 | x.xx | AV196 | x.xx | 0 | 10000 | 5000 | Heating coil 2 - Start-up output setpoint [1/100%] |
| Heating coil 2, Water | Control | Standard | HW2PumpFunc | | 4x0261 | x.xx | AV197 | x.xx | 0 | 3 | 1 | Heating coil 2<br>Circulation pump function:<br>0 –> Pump runs constantly<br>1 -> Pump runs if heating valve %-open is > value set in address = 262<br>2 –> Pump runs if outdoor temp. is > temp. setpoint for pump start (address = 261) |
| Heating coil 2, Water | Set point | Standard | HW2PmpStartTmp | °C | 4x0262 | x.xx | AV198 | x.xx | 500 | 3000 | 1500 | Heating coil 2<br>Start temperature for circulation pump of heating coil 2<br>ONLY used if WaterPumpFunc (Address 260) = 2<br>Pump runs if outdoor temp. is < temp. setpoint for pump start |
| Heating coil 2, Water | Set point | Standard | HW2PmpStartPrc | % | 4x0263 | x.xx | AV311 | 6.41 | 0 | 10000 | 300 | Heating coil 2 - Start circulation pump with %-open valve.<br>ONLY used if HW2_PumpFunc (Address 260) = 1<br>The pump starts when the value is exceeded. |
| Heating coil 2, Water | Set point | Standard | HW2FrzStopSet | °C | 4x0264 | x.xx | AV199 | x.xx | 500 | 4000 | 2500 | Heating coil 2 - Setpoint for frost protection control when unit is in STOP mode [1/100°C] |
| Heating coil 2, Water | Set point | Standard | HW2FrzDriftSet | °C | 4x0265 | x.xx | AV200 | x.xx | 200 | 2000 | 500 | Heating coil 2 - Setpoint for frost protection control when unit is in OPERATING mode [1/100°C] |
| Heating coil 2, Water | Control | Standard | HW2FreezePB | °C | 4x0266 | x.xx | AV201 | x.xx | 200 | 2000 | 500 | Heating coil 2 - P-band for frost protection control [1/100°C] |
| Heating coil 2, Water | Alarm | Standard | HW2FrzAlrTpSet | °C | 4x0267 | x.xx | AV202 | x.xx | 200 | 2000 | 200 | Heating coil 2 - Setpoint for frost protection temperature alarm [1/100°C] |
| Cooling coil | Set point | Standard | CW_PumpStartPr | % | 4x0268 | x.xx | AV310 | 6.41 | 0 | 10000 | 2500 | Cooling coil (hydronic cooling) - Start circulation pump with %-open valve<br>ONLY used if CW_PumpFunc (Address 239) = 1.<br>The pump starts when the value is exceeded. |
| Heat exchanger | Set point | Standard | BattEXCPmpStPr | % | 4x0269 | x.xx | AV309 | 6.41 | 0 | 10000 | 2500 | Heat exchange coil - Start circulation pump with %-open valve.<br>ONLY used if CoilEXC_PumpFc (Address 224) = 1.<br>The pump starts when the value is exceeded. |
| Heat pump | Set point | Special | HP_MinOpTemp1 | °C | 4x0270 | x.xx | AV215 | x.xx | -4000 | 4000 | 1000 | Min. outdoor temperature for activating heat pump relay no. 1 |
| Heat pump | Set point | Special | HP_MinOpTemp2 | °C | 4x0271 | x.xx | AV216 | x.xx | -4000 | 4000 | 1000 | Min. outdoor temperature for activating heat pump relay no. 2 |
| Heat pump | Set point | Special | HP_MinOpTemp3 | °C | 4x0272 | x.xx | AV217 | x.xx | -4000 | 4000 | 1000 | Min. outdoor temperature for activating heat pump relay no. 3 |
| Heat pump | Set point | Special | HP_MinOpTemp4 | °C | 4x0273 | x.xx | AV218 | x.xx | -4000 | 4000 | 1000 | Min. outdoor temperature for activating heat pump relay no. 4 |
| Combi coil | Set point | Standard | CombiUpStPow | % | 4x0275 | x.xx | AV286 | 4.22 | 0 | 10000 | 5000 | Combi coil - Start-up output setpoint [1/100%] |
| Combi coil | Control | Standard | CombiPumpFunc | | 4x0276 | x.xx | AV287 | 4.22 | 0 | 3 | 1 | Combi coil<br>Circulation pump function:<br>0 –> Pump runs constantly<br>1 -> Pump runs if valve %-open is > value set in address = 277<br>2 –> Pump runs if outdoor temp. is > temp. setpoint for pump start (address = 276) |
| Combi coil | Set point | Standard | CombiPmpStTmpH | °C | 4x0277 | x.xx | AV288 | 4.22 | 500 | 3000 | 1000 | Combi coil<br>Start temperature for circulation pump of Combi coil<br>ONLY used if CombiPumpFunc (Address 275) = 2<br>Pump runs if outdoor temp. is < temp. setpoint for pump start |
| Combi coil | Set point | Standard | CombiPmpStPrc | % | 4x0278 | x.xx | AV289 | 4.22 | 0 | 10000 | 300 | Combi coil - Start circulation pump with %-open valve<br>ONLY used if CombiPumpFunc (Address 275) = 1 The pump starts when the value is exceeded. |
| Combi coil | Set point | | CombFrzStopSet | °C | 4x0279 | x.xx | AV290 | 4.22 | 500 | 4000 | 2500 | Combi coil - Setpoint for frost protection control when system is in Stop mode [1/100°C] |
| Combi coil | Set point | | CombFrzDrSetH | °C | 4x0280 | x.xx | AV291 | 4.22 | 200 | 2000 | 500 | Combi coil - Setpoint for frost protection control when system is in Operating mode [1/100°C] |
| Combi coil | Control | Standard | CombiFrzPB | °C | 4x0281 | x.xx | AV292 | 4.22 | 200 | 2000 | 500 | Combi coil - P-band for frost protection control [1/100°C] |
| Combi coil | Set point | Standard | CombiFrzAlHSet | °C | 4x0282 | x.xx | AV293 | 4.22 | 200 | 2000 | 200 | Combi coil - Setpoint for frost protection temperature alarm [1/100°C] |
| Heat exchanger | Set point | Standard | BattEXCFrzStop | °C | 4x0283 | x.xx | AV219 | x.xx | -1000 | 4000 | 2500 | Fluid-coupled coil - Setpoint for frost protection control when unit is in STOP mode [1/100°C] |
| Heat exchanger | Set point | Standard | BattEXCFrzDrf | °C | 4x0284 | x.xx | AV220 | x.xx | -1000 | 2000 | 500 | Fluid-coupled coil - Setpoint for frost protection control when unit is in OPERATING mode [1/100°C] |
| Heat exchanger | Control | Standard | BattEXCFrzePB | °C | 4x0285 | x.xx | AV221 | x.xx | 200 | 2000 | 500 | Fluid-coupled coil - P-band for frost protection control [1/100°C] |
| Heat exchanger | Set point | Standard | BattEXCFrzASet | °C | 4x0286 | x.xx | AV222 | x.xx | -1000 | 2000 | 200 | Fluid-coupled coil - Setpoint for frost protection temperature alarm [1/100°C] |
| Combi coil | Current value | Standard | CombiBattTemp | °C | 4x0287 | x.xx | NA | NA | -4000 | 10000 | | Combi coil - Actual return temperature [1/100°C] |
| Heating coil, Water | Control | Special | HW12VDCOutFunc | | 4x0288 | x.xx | AV225 | x.xx | 0 | 1 | 0 | Only special customer code: Heat coil 1, step2 output (Out 1,2): Valve actuator type 0->0-10V, 1->2-10V |
| Heating coil 12 | Set point | Special | HW12_VDCOut | mV | 4x0289 | x.xx | NA | NA | 0 | 10000 | | Only special customer code: Heat coil 1, step2 output (1,2) VDC out |
| Heating coil 12 | Set point | Special | Ht2LimitTyp | | 4x0290 | x.xx | AV229 | x.xx | 0 | 2 | 0 | Only special customer code: Heat2 limiting type 1Room, 2 Outdoor |
| Heating coil 12 | Set point | Special | Ht2StLimRTemp | °C | 4x0291 | x.xx | AV230 | x.xx | -500 | 0 | -200 | Only special customer code: Startdifference temperature [1/100°C] |
| Heating coil 12 | Set point | Special | Ht2StLimRPer | % | 4x0292 | x.xx | AV231 | x.xx | 1000 | 10000 | 2000 | Only special customer code: Stepsize limiting roomtemp [1/100%] |
| Heating coil 12 | Set point | Special | Ht2StLimOTemp | °C | 4x0293 | x.xx | AV232 | x.xx | -2000 | 2000 | -500 | Only special customer code: Blocking of Heat2 Outdoortemp [1/100°C] |
| Heating coil 12 | Set point | Special | Ht2SetDelTime | Sec | 4x0294 | x.xx | AV234 | x.xx | 0 | 7200 | 3600 | Only special customer code: Timeset delayed Heat 2 [Sec] |
| Heating coil 12 | Set point | Special | Ht2FlowOffset | % | 4x0295 | x.xx | AV233 | x.xx | -5000 | 5000 | 5000 | Only special customer code: in % of Flow if Heat2 is on [1/100%] |
| Cooling coil | Set point | Special | NO_CStopRTemp | °C | 4x0296 | x.xx | AV228 | x.xx | 0 | 3000 | 2300 | Only special customer code: Stop cooling over roomtemperature [1/100°C] |
| Cooling coil | Set point | Special | REXDelcePerc | | 4x0297 | x.xx | AV226 | x.xx | 3000 | 10000 | 5000 | Only special customer code: Pressure percent over calibration |
| Cooling coil | Set point | Special | NO_FAirCoolBlk | °C | 4x0298 | x.xx | AV227 | x.xx | -4000 | 2000 | 1000 | Only special customer code: Stop temperature freshair cooling [1/100°C] |
| Humidity | Set point | Standard | DehumSet_RH | | 4x0299 | x.xx | AV250 | x.xx | 1000 | 10000 | 7000 | Set point %rH dehumification [1/100%] |
| Damper, Recirculation | Control | Special | RecFlowShift | | 4x0300 | x.xx | AV235 | x.xx | 0 | 2 | 0 | Only special customer code: Set Change Airflow Recirce |
| Damper, Recirculation | Set point | Special | RecClosDStTemp | °C | 4x0301 | x.xx | AV236 | x.xx | -1000 | 2000 | 0 | Only special customer code: Temperature for start with open damper [1/100°C] |
| Damper, Recirculation | Alarm | Special | REXAlrLPrcFrz | % | 4x0302 | x.xx | AV308 | 6.41 | 0 | 20000 | 12000 | Only special customer code: Alarmlevel in percent if froozen [1/100%] |
| Damper, Recirculation | Alarm | Special | REXAlrLPrcDus | % | 4x0303 | x.xx | AV307 | 6.41 | 0 | 10000 | 2000 | Only special customer code: Alarmlevel in percent, if dusty[1/100%] |
| AHU controller | Set point | Special | NightSetBack | °C | 4x0013 | 6.51 | AV306 | 6.41 | 0 | 2000 | 0 | Only special customer code: Night setback [1/100°C] |
| Heating coil, Water | Control | Special | HW1RiseT100 | Sec | 4x0304 | x.xx | AV305 | NA | 120 | 7200 | 3600 | Only special customer code: Risetime 0..100%, in sec [Sec] |
| Cooling, DX | Set point | Special | ROHRiseT100 | Sec | 4x0305 | x.xx | AV237 | x.xx | 120 | 7200 | 3600 | Only special customer code: Timeset for CO2 DX-Cooling-Aggregate from 0 ..100% [Sec] |
| AHU controller | Summer Night Cooling | Standard | SNSupCoolFlw | l/s | 4x0306 | x.xx | AV238 | x.xx | 0 | 32000 | 2000 | Setpoint supply air volume sommernight cooling |
| AHU controller | Summer Night Cooling | Standard | SNExtCoolFlw | l/s | 4x0307 | x.xx | AV239 | x.xx | 0 | 32000 | 2000 | Setpoint extract air volume sommernight cooling [m3/h] |
| AHU controller | Summer Night Cooling | Standard | SNSupCoolPa | Pa | 4x0308 | x.xx | AV240 | x.xx | 0 | 5000 | 50 | Setpoint supply air pressure sommernight cooling [Pa] |
| AHU controller | Summer Night Cooling | Standard | SNExtCoolPa | Pa | 4x0309 | x.xx | AV241 | x.xx | 0 | 5000 | 50 | Setpoint extract air pressure sommernight cooling [Pa] |
| AHU controller | Summer Night Cooling | Standard | SNSupCoolPrc | % | 4x0310 | x.xx | AV242 | x.xx | 0 | 10000 | 2000 | Setpoint supply air constant speed sommernight cooling [1/100%] |
| AHU controller | Summer Night Cooling | Standard | SNExtCoolPrc | % | 4x0311 | x.xx | AV243 | x.xx | 0 | 10000 | 2000 | Setpoint extract air constant speed sommernight cooling [1/100%] |
| AHU controller | Summer Night Cooling | Standard | SNSlvOffsPrc | % | 4x0312 | x.xx | AV247 | x.xx | -5000 | 5000 | 0 | Sommernight cooling slave offset [1/100%] |
| | | Standard | DewCoolPower | % | 4x0313 | 5.07 | AV294 | 5.07 | 0 | 10000 | | Max % CoolPower for Dehumidity without DewPointSensor |
| CO2 sensor | Set point | Special | CO2_MaxModRec | ppm | 4x0314 | x.xx | AV248 | x.xx | 0 | 10000 | 1000 | Only special customer code: Max CO2 (Store mode) [ppm] |
| CO2 sensor | Set point | Special | CO2_MinModRec | ppm | 4x0315 | x.xx | AV249 | x.xx | 0 | 10000 | 1000 | Only special customer code: Min CO2 (Store mode) [ppm] |
| Fan | Set point | Standard | SupMedSpeedSet | l/s | 4x0320 | x.xx | AV251 | x.xx | 0 | 30000 | 5000 | Setpoint supply air flow - medium speed [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Fan | Set point | Standard | ExtMedSpeedSet | l/s | 4x0321 | x.xx | AV254 | x.xx | 0 | 30000 | 5000 | Setpoint exhaust air flow - medium speed [l/s] or [m3/h] or [CFM] (Depending on the unit selection in the OJ-Air2Master) |
| Pressure | Set point | Standard | SupDuctPaMeSet | Pa | 4x0322 | x.xx | AV252 | x.xx | 0 | 5000 | 120 | Setpoint supply air duct pressure medium speed [Pa] |
| Pressure | Set point | Standard | ExtDuctPaMeSet | Pa | 4x0323 | x.xx | AV255 | x.xx | 0 | 5000 | 120 | Setpoint exhaust air duct pressure medium speed [Pa] |
| CO2 sensor | Set point | Standard | CO2_UserSetMP | ppm | 4x0324 | x.xx | AV256 | x.xx | 0 | 10000 | 1000 | CO2 controller setpoint medium speed (HI CO2 Val) [ppm] |
| Damper, Recirculation | Set point | Standard | RecMinFresh | % | 4x0325 | x.xx | AV257 | x.xx | 0 | 10000 | 1000 | Setpoint minimum fresh air; Only if modulated recirculation is selected [1/100%] |
| Filter | Alarm | Standard | FiltExt2StaAlr | Pa | 4x0326 | 4.18 | AV259 | 4.18 | 10 | 500 | 80 | Filter Pressure Alr Limit for ExtFilter2 (static mode) |
| Filter | Alarm | Standard | FiltSup2DynAlr | % | 4x0327 | 4.18 | AV260 | 4.18 | 1000 | 10000 | 5000 | Filter Pressure Alr Limit for SupFilter (dynamic mode) |
| Filter | Alarm | Standard | FiltExt2DynAlr | % | 4x0328 | 4.18 | AV261 | 4.18 | 1000 | 10000 | 5000 | Filter Pressure Alr Limit for ExtFilter (dynamic mode) |
| Zone 1 | Set point | Standard | ZM1_RoomTmpSet | | 4x0329 | 4.19 | AV262 | 4.19 | -4000 | 10000 | | ZoneModule 1 - Room Temperature Setpoint |
| Zone 1 | Set point | Standard | ZM1_MinSupTemp | | 4x0330 | 4.19 | AV263 | 4.19 | -4000 | 10000 | | ZoneModule 1 - Minimum Supply Temperature |
| Zone 1 | Set point | Standard | ZM1_MaxSupTemp | | 4x0331 | 4.19 | AV264 | 4.19 | -4000 | 10000 | | ZoneModule 1 - Maximum Supply Temperature |
| Zone 1 | Set point | Standard | ZM1_CO2Set | | 4x0332 | 4.19 | AV265 | 4.19 | 0 | 5000 | | ZoneModule 1 - Room CO2 Setpoint |
| Zone 1 | Set point | Standard | ZM1_RHSet | | 4x0333 | 4.19 | AV266 | 4.19 | 0 | 10000 | | ZoneModule 1 - Room RH Setpoint |
| Zone 1 | Set point | Standard | ZM1_PIRMinFlow | | 4x0334 | 4.19 | AV267 | 4.19 | 0 | 0 | | ZoneModule 1 - VAV Supply PIR Min Air Flow |
| Zone 2 | Set point | Standard | ZM2_RoomTmpSet | | 4x0335 | 4.19 | AV268 | 4.19 | -4000 | 10000 | | ZoneModule 2 - Room Temperature Setpoint |
| Zone 2 | Set point | Standard | ZM2_MinSupTemp | | 4x0336 | 4.19 | AV269 | 4.19 | -4000 | 10000 | | ZoneModule 2 - Minimum Supply Temperature |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zone 2 | Set point | Standard | ZM2_MaxSupTemp | | 4x0337 | 4.19 | AV270 | 4.19 | -4000 | 10000 | | ZoneModule 2 - Maximum Supply Temperature |
| Zone 2 | Set point | Standard | ZM2_CO2Set | | 4x0338 | 4.19 | AV271 | 4.19 | 0 | 5000 | | ZoneModule 2 - Room CO2 Setpoint |
| Zone 2 | Set point | Standard | ZM2_RHSet | | 4x0339 | 4.19 | AV272 | 4.19 | 0 | 10000 | | ZoneModule 2 - Room RH Setpoint |
| Zone 2 | Set point | Standard | ZM2_PIRMinFlow | | 4x0340 | 4.19 | AV273 | 4.19 | 0 | 0 | | ZoneModule 2 - VAV Supply PIR Min Air Flow |
| Zone 3 | Set point | Standard | ZM3_RoomTmpSet | | 4x0341 | 4.19 | AV274 | 4.19 | -4000 | 10000 | | ZoneModule 3 - Room Temperature Setpoint |
| Zone 3 | Set point | Standard | ZM3_MinSupTemp | | 4x0342 | 4.19 | AV275 | 4.19 | -4000 | 10000 | | ZoneModule 3 - Minimum Supply Temperature |
| Zone 3 | Set point | Standard | ZM3_MaxSupTemp | | 4x0343 | 4.19 | AV276 | 4.19 | -4000 | 10000 | | ZoneModule 3 - Maximum Supply Temperature |
| Zone 3 | Set point | Standard | ZM3_CO2Set | | 4x0344 | 4.19 | AV277 | 4.19 | 0 | 5000 | | ZoneModule 3 - Room CO2 Setpoint |
| Zone 3 | Set point | Standard | ZM3_RHSet | | 4x0345 | 4.19 | AV278 | 4.19 | 0 | 10000 | | ZoneModule 3 - Room RH Setpoint |
| Zone 3 | Set point | Standard | ZM3_PIRMinFlow | | 4x0346 | 4.19 | AV279 | 4.19 | 0 | 0 | | ZoneModule 3 - VAV Supply PIR Min Air Flow |
| Zone 4 | Set point | Standard | ZM4_RoomTmpSet | | 4x0347 | 4.19 | AV280 | 4.19 | -4000 | 10000 | | ZoneModule 4 - Room Temperature Setpoint |
| Zone 4 | Set point | Standard | ZM4_MinSupTemp | | 4x0348 | 4.19 | AV281 | 4.19 | -4000 | 10000 | | ZoneModule 4 - Minimum Supply Temperature |
| Zone 4 | Set point | Standard | ZM4_MaxSupTemp | | 4x0349 | 4.19 | AV282 | 4.19 | -4000 | 10000 | | ZoneModule 4 - Maximum Supply Temperature |
| Zone 4 | Set point | Standard | ZM4_CO2Set | | 4x0350 | 4.19 | AV283 | 4.19 | 0 | 5000 | | ZoneModule 4 - Room CO2 Setpoint |
| Zone 4 | Set point | Standard | ZM4_RHSet | | 4x0351 | 4.19 | AV284 | 4.19 | 0 | 10000 | | ZoneModule 4 - Room RH Setpoint |
| Zone 4 | Set point | Standard | ZM4_PIRMinFlow | | 4x0352 | 4.19 | AV285 | 4.19 | 0 | 0 | | ZoneModule 4 - VAV Supply PIR Min Air Flow |
| Fan | Set point | Standard | SupFixMePrcSet | | 4x0353 | 6.10 | AV253 | 6.10 | 100 | 10000 | 3500 | Supply Motor Mediumspeed [1/100%], Fixed Fan Speed |
| Fan | Set point | Standard | SupFixLoPrcSet | | 4x0354 | 6.10 | AV299 | 6.10 | 100 | 10000 | 2500 | Supply Motor Lowspeed [1/100%], Fixed Fan Speed |
| Fan | Set point | Standard | SupFixHiPrcSet | | 4x0355 | 6.10 | AV300 | 6.10 | 100 | 10000 | 5000 | Supply Motor Highspeed [1/100%], Fixed Fan Speed |
| Fan | Set point | Standard | ExtFixMePrcSet | | 4x0356 | 6.10 | AV301 | 6.10 | 100 | 10000 | 3500 | Extract Motor Mediumspeed [1/100%], Fixed Fan Speed |
| Fan | Set point | Standard | ExtFixLoPrcSet | | 4x0357 | 6.10 | AV302 | 6.10 | 100 | 10000 | 2500 | Extract Motor Lowspeed [1/100%], Fixed Fan Speed |
| Fan | Set point | Standard | ExtFixHiPrcSet | | 4x0358 | 6.10 | AV303 | 6.10 | 100 | 10000 | 5000 | Extract Motor Highspeed [1/100%], Fixed Fan Speed |
| Damper, Recirculation | Set point | Standard | RecMaxFresh | | 4x0359 | 6.10 | AV304 | 6.10 | 3000 | 10000 | 10000 | Max FreshAir part [1/100%] |
| AHU controller | Set point | Special | ROHOutdBlkTmp | | 4x0360 | 6.41 | AV319 | 6.41 | -2000 | 5000 | -500 | Heat 2 blocked over this Temperatur (Special Cust. Code only) |
| AHU controller | Control | Standard | BMSDrfCtrlReg | | 4x0500 | x.xx | AV244 | x.xx | 0 | 1000 | | 11 = BMS stop<br>105 = BMS low speed<br>210 = BMS high speed<br>211 = BMS sommernight cooling<br>220 = BMS night heating mode (Recirculation)<br>414 = BMS medium speed<br><br>BMS-modes only avalable after activation of physical input "Operating mode via BMS" |
| Temp. out door | Current value | Standard | MBT_OutDoor | °C | 4x0501 | x.xx | AV245 | x.xx | -6000 | 10000 | | BMS outdoor temperatur [1/100°C] |
| Temp. room | Current value | Standard | MBT_Room1 | °C | 4x0502 | x.xx | AV246 | x.xx | -4000 | 10000 | | BMS room temperatur [1/100°C] |