Communication manual
Access software from 4.0-1-04

EN

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systemair

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Chapter 1 About this document

Introduction

This document describes Access controller application communication possibilites in terms of integration as communication slave via EXOline, Modbus and BACnet.

Software version

Access version	*Available*
V4.0-1-04	Modbus are available
V4.0-1-05 later	EXOline, BACnet and Modbus are available
NaviPad 1.1.0.184 later	With Ethernet menu, static IP setting

Release column in register tables further down in this document tells from which software release variables was introduced or changed.

Signal types

All signals accessible from a SCADA system are declared in a spreadsheet referenced in **Tables of variables with register addresses**.

EXOL type

The EXOL type of the signals:

R = Real (-3.3E38 - 3.3E38)

I = Integer (-32768 - 32767)

X = Index (0 - 255)

L = Logic (0/1)

Modbus type

The Modbus type of the signals:

0x = Coil Status Register (1bit)

1x = Input Status Register (1bit)

4x = Holding Register (signed, 16bit or 32bit word)

3x = Input Register (signed, 16bit word or 32bit float)

Supported Modbus functions:

1 = Read Coils

2 = Read Discrete Input

3 = Read Holding Register

4 = Read Input Register

5 = Write Single Coil

6 = Write Single Register

15 = Write Multiple Coils

16 = Write Multiple Registers

BACnet type

The BACnet type of signals:

10XXX = Read and write binary

20XXX = Read binary

30XXX = Read and write analogue

40XXX = Read analogue

30XXX = Read and write multistate

40XXX = Read multistate

(Where XXX = Modbus address)

NOTE: In the variable lists contained in this manual, the following abbrevations are used:

AV = Analogue Value

BV = Binary Value

MSV = Multistate Value

Chapter 2 System integration

Modbus

Addresses

All addresses starts with 0, and due to that some Master devices starts address with 1 (equal to register) it's in that case necessary to add all addresses in this document with +1.

Communication limitations

The Modbus master must wait for a minimum of 3.5 character times (4 ms at 9600 bps) between two messages.

Baudrate

9600, 14 400, 19 200, 28 800, 38 400, 57 600, 76 800, 115 200 bps

Scale factor Modbus

Real signals could have scale factor according to Scale factor column in tables. In general 10 is used except for time setting signals which have scale factor 100, and air flow signals which have scale factor 1. Example, with a scale factor 10 of an temperature Integer value could then be interpreted as a value with one decimal. Integer, Index and Logic always have scale factor 1.

Unit

Real signal values could have an engineering unit according to Unit-column in tables, where T, Q and P represent temperature-, flow- and pressure unit according selected preference setting in the controller.

Modbus wiring, etc.

A protocol like Modbus consists of several layers (OSI-model). The bottom layer is always the physical layer; the number of wires and signal levels. The next layer describes the communication digits (number of data bits, stop-bits, parity etc). Next are the layers describing the Modbus-specific functions (number of digits per message, the meaning of different messages, etc.).

For Modbus, the bottom layer can be RS485, RS422, RS232 or Modbus TCP.

Max. 47 registers

A maximum of 47 registers can be read in one message.

Transmission mode

Access uses the RTU transmission mode for the communication ports. The transmission mode must be the same in the master unit and the slave units, since Modbus/RTU cannot understand Modbus/ASCII messages. The configuration parameter Word length is always 8 for Modbus/RTU.

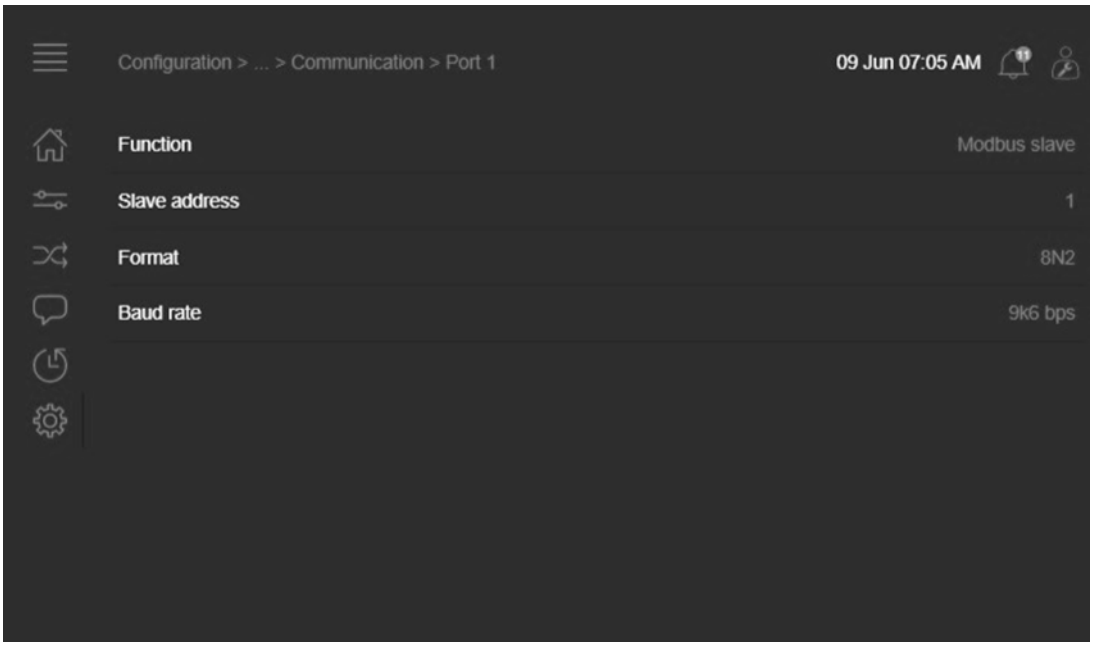
When using Modbus TCP the controller Ethernet port in combination with TCP port setting 502 should be used.

Writing values

To override the output values, set the output to manual mode using a Modbus signal. Then set the corresponding ..._ManSet signal to the wanted level. These signals are listed in Chapter 5: Holding Registers. Remember that only values with a default value are adjustable, you will find these in the chapters Coil Status Register and Holding Register.

Configuration

Modbus TCP/IP enabled as default. Modbus RTU is enabled via configuration of the communication ports.



The communication parameters for the Modbus line is the most important thing to configure first. These parameters must be identical in both the master unit and slave units, since they define the structure of messages and the transmission speed.

The default configuration values of a Access controller are

Slave address: 1

Word length: 8 bit

Parity: none

Stop bits: 2 bits

Baud rate: 9600 bps

Slave address

A new Modbus slave address can be set for each air handling unit using the NaviPad.

NOTE To change the Modbus slave address when using Modbus TCP/IP a communication port must be temporarily configured as Modbus slave to access the slave address setting.

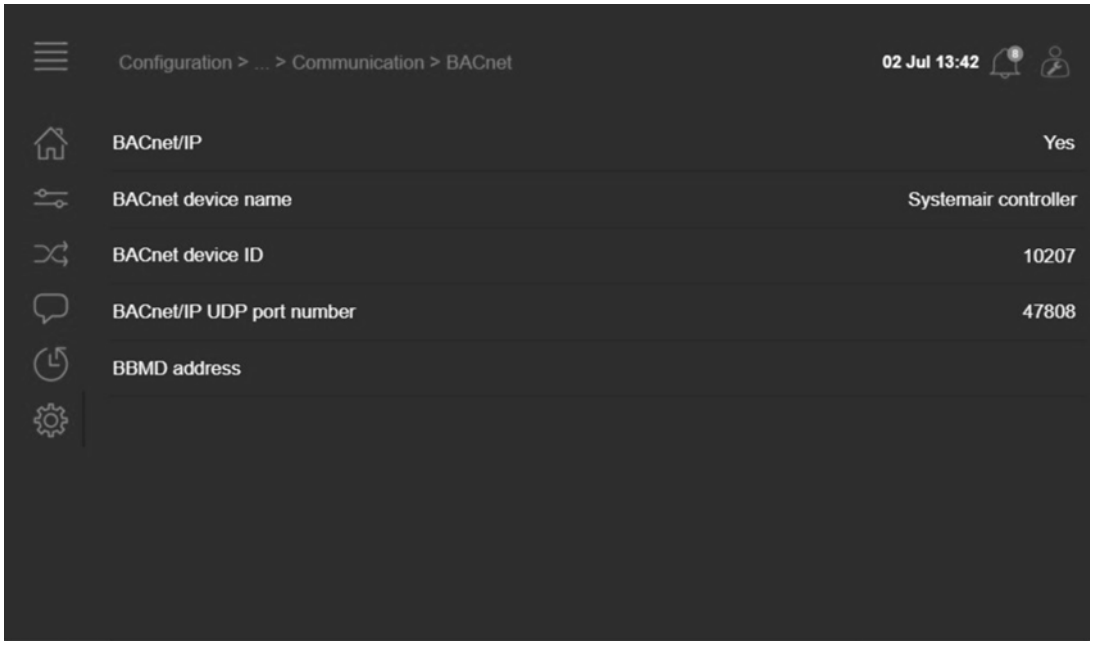
BACnet

Access from software version 4.0-1-05 is capable of communication via the BACnet-ASC (Application Specific Controller) protocol and from 4.3-1-00 with BACnet AAC (Advanced Application Controller).

In order to connect a Access application to a BMS (Building Management System) via BACnet/IP use the TCP/IP port.

BACnet/IP configuration (Activation status of BACnet/IP protocol)

Upon delivery, the BACnet/IP protocol is disabled as a default. To enable BACnet communication, simply change the setting “No” to “Yes”.



BACnet device name

This is the devices name that is shown on the BMS when a device is discovered.

BACnet device ID

The ID of a device, used to identify it on the BACnet network. This number **cannot** be duplicated **anywhere** on the BACnet network and must therefore be unique.

BBMD address and BACnet/IP port number

The BBMD address (BACnet/IP Broadcast Management Device) is used for discovering devices that are attached to different BACnet/IP subnets and separated by an IP router. The address is entered as **host:port**, where “host” can be the host’s name if DNS is configured. If DNS is not configured, the host address should be entered in the format “xxx.xxx.xxx.xxx”, followed by the port number (default setting 47808).

Example: mybbmd:47808 (with DNS configured) or 10.100.50.99:47808

Note! When BBMD address is configured in Access, will make the Access controller to a BACnet/IP Foreign Device, which then means that the Access will not answer any UDP broadcast in the net other than from that particular BBMD. When assigning BBMD, some BBMD vendors mentions that not only the Device ID must be unique but also the Device Name within the BACnet network. For further information, please consult the specific BBMD vendors and/or BACnet routers literature.

DHCP

The Dynamic Host Configuration Protocol (DHCP) is a network protocol used on Internet Protocol (IP) networks for dynamic distribution of network configuration parameters, such as IP addresses, DNS servers and other services. The Access controller can be configured to either obtain an IP address from a DHCP server (dynamic) or the address can be set manually (static).

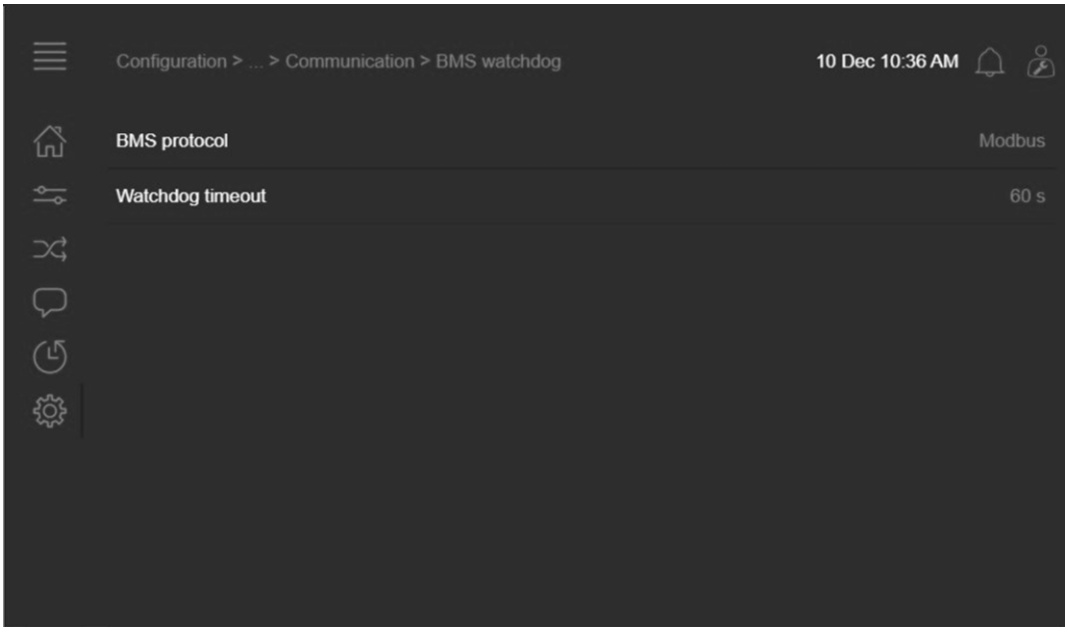
If static IP address needed for the Access cotroller, simply enter the IP address you wish to use along with the subnet mask, gateway address and DNS server address via the controller webinterface from version 4.0-1-04 [Ethernet setting].

Watchdog

Access from software version 4.1-1-00 is capable of supervising communication recieved from a BMS master. One slave communication protocol can be monitored at a time. If no active communication from the BMS master is detected before the watchdog timeout elapses, an alarm message is generated.

BMS watchdog (Activation of protocol)

Upon delivery, the BMS watchdog is disabled as default. Activation and configuration of BMS watchdog is done via controller web menu Configuration / System settings / Communication / BMS watchdog



BMS protocol

To enable BMS watchdog, change the setting “None” to the protocol used for BMS communication. Supported BMS slave protocols are EXOline, Modbus and BACnet.

Watchdog timeout

Configure the watchdog timeout setting between 10 to 3600 seconds (1 hour), default 60 seconds. A byte counter of received bytes is supposed to change since the last cycle. If counter has not been changed during the watchdog timeout setting the communication is considered faulty and an alarm message is generated.

Communication fault BMS master

When a communication fault with BMS is detected, values from BMS should be considered invalid. The alarm is configured default as Class C with no action.

Sensor value via BMS

Access from software version 4.6-1-00 is capable of… To be complemented!

Ethernet setting

When NaviPad and Control unit are connected directly to each other via switch module without any DHCP server they assign themselves with Auto-IP (Link-local) addresses and then randomly pick from address range 169.254.x.y (255.255.0.0).

The possibility of using a static IP address as alternative to a dynamic IP address (DHCP) is available from Access software version 4.0-1-04 and NaviPad software version 1.1.0.184. The system of an air handling unit together with a NaviPad require two individual IP addresses, requested from Your department responsible for the IP plan of the network!

For manually setting a static IP address, please follow below steps.

1. From NaviPad log in to the AHU web page
2. Select *Yes* to enable settings AHU to static IP via AHU web interface
3. Edit AHU control unit IP address, subnet mask, gateway and DNS according your IP plan
4. Select *Yes* for Save IP settings
5. Press home button on NaviPad to log out from AHU web page

   The NaviPad will then lose the connection to AHU since it's probably is assigned to a not valid IP address anymore
6. In NaviPad system select Advanced HMI setting and select Ethernet (default login password '1111')
7. Activate switch to enable Static IP setting
8. Edit NaviPad IP address, subnet mask and gateway according your IP plan
9. Use NaviPad to search for available devices and select AHU

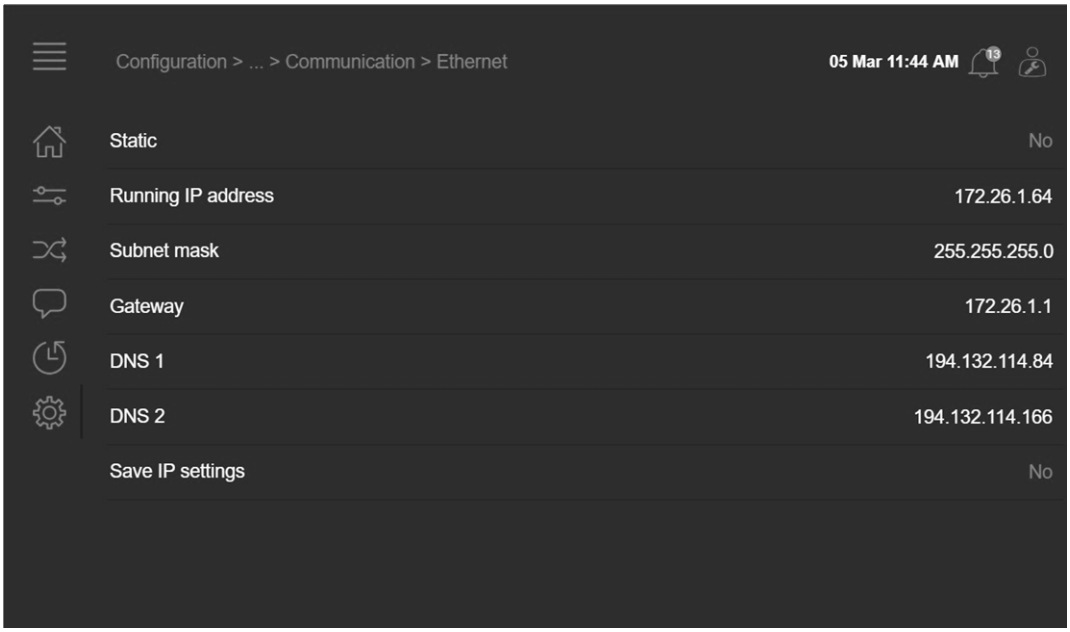
NOTE When integrating and configure static IP addresses its very **IMPORTANT** to follow above steps. Both the control unit of air handling unit and the NaviPad itself need to be assigned to individual IP addresses.

NOTE The air handling unit and the NaviPad as well as any computer has to be connected on a local network within the same IP subnet.

NOTE If no gateway is available use either 0.0.0.0 or equal to the IP address set for the device.

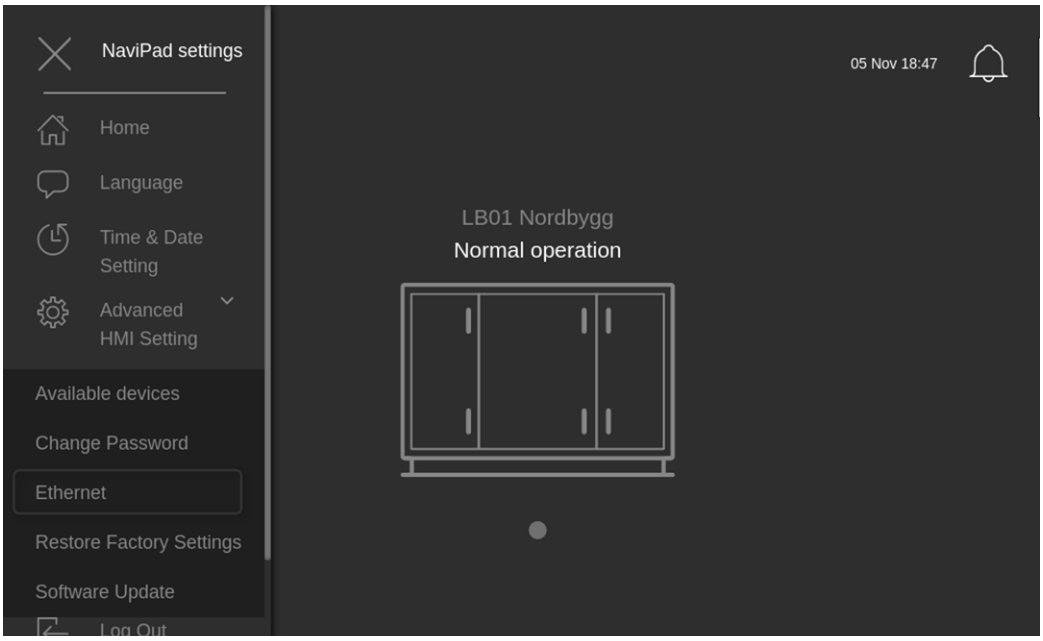
Access controller

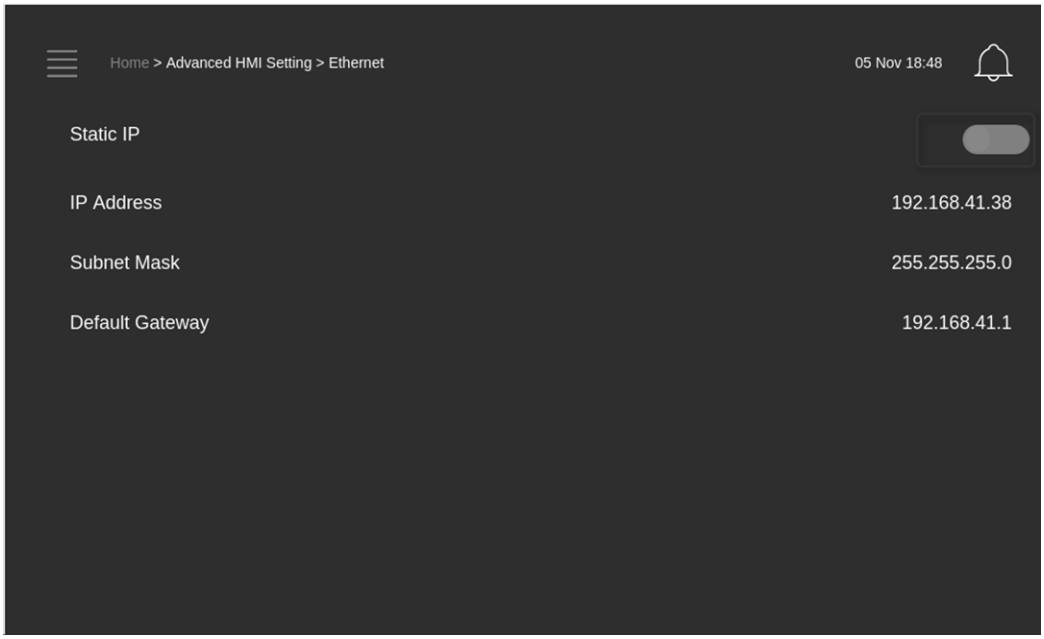
The below picture illustrates the appearance of Ethernet settings for controller in controller web menu from Access software version 4.0-1-04:

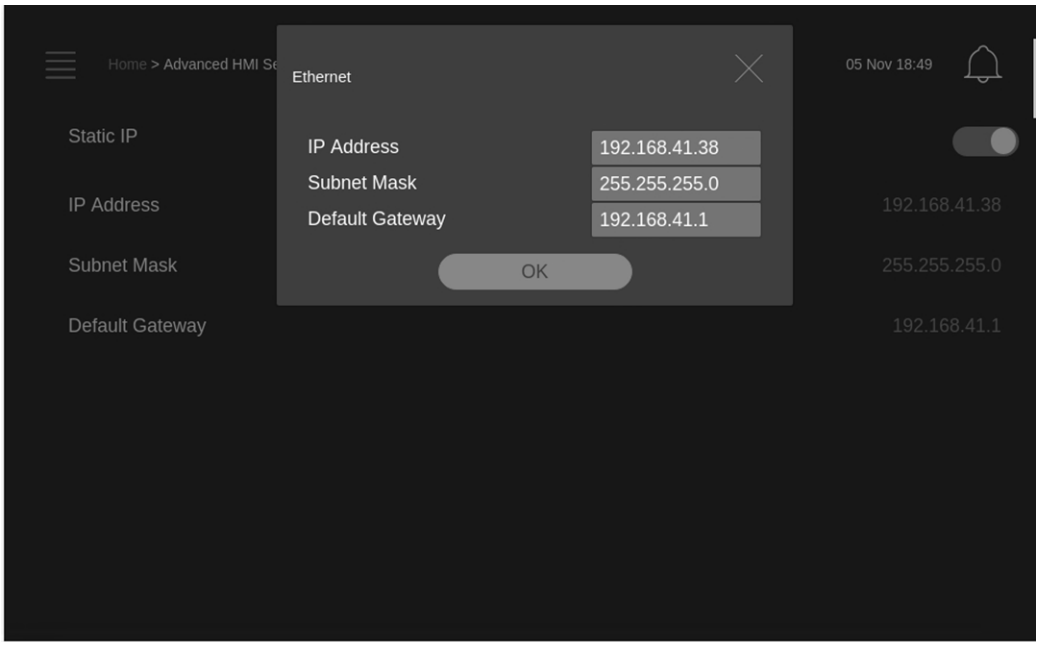


NaviPad

The below picture illustrates the appearance of Ethernet settings for the NaviPad from NaviPad software version 1.1.0.184:

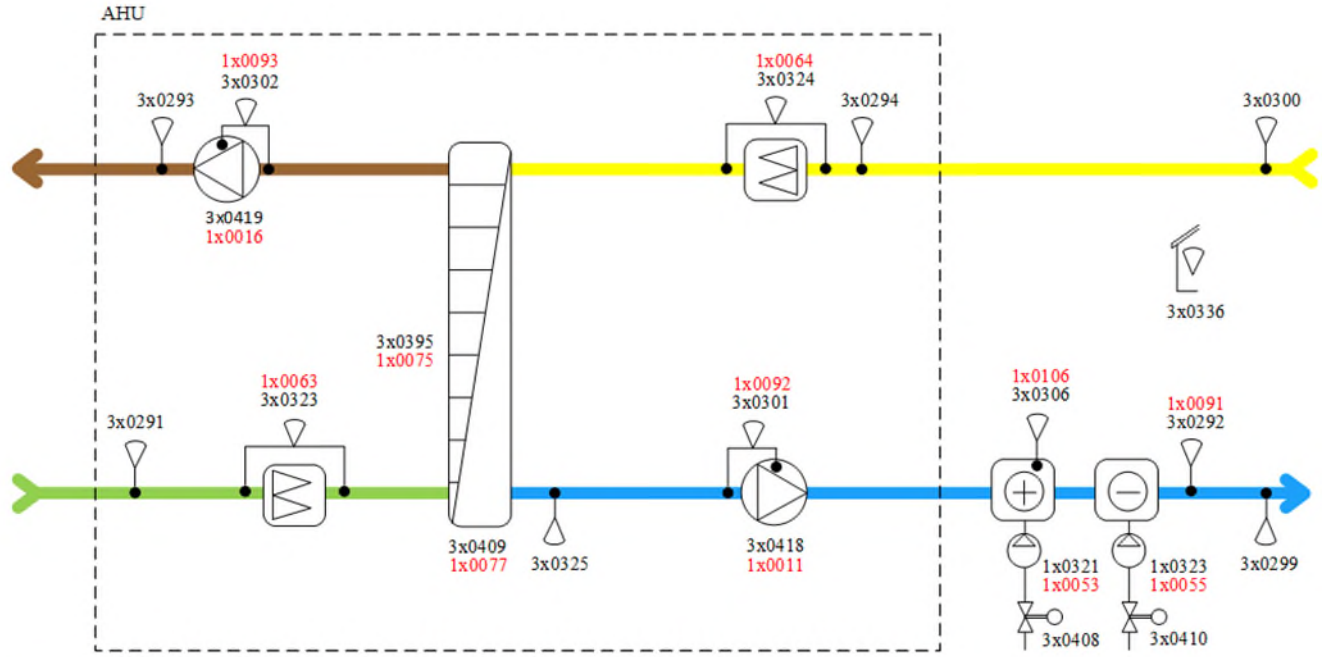



Home > Advanced HMI Setting > Ethernet
05 Nov 18:48
Static IP
IP Address
192.168.41.38
Subnet Mask
255.255.255.0
Default Gateway
192.168.41.1


Home > Advanced HMI Se
Ethernet
05 Nov 18:49
Static IP
IP Address
192.168.41.38
Subnet Mask
255.255.255.0
Default Gateway
192.168.41.1
OK

Type example addresses

Example of useful register addresses in a flow chart for a AHU with rotary exchanger and a cooling unit.



Alarm points

1x0011	Malfunction supply air fan
1x0016	Malfunction extract air fan
1x0053	Malfunction pump sequence-A
1x0055	Malfunction pump sequence-C
1x0063	Filter alarm supply air
1x0064	Filter alarm extract air
1x0075	Low efficiency exchanger
1x0077	Rotary exchanger alarm
1x0091	Deviation alarm supply air temperature
1x0092	Deviation alarm supply air fan
1x0093	Deviation alarm extract air fan
1x0106	Freeze protection alarm

Status/values

1x0321	SEQ-A pump start
1x0323	SEQ-C pump start
3x0291	Actual value intake air temperature
3x0292	Actual value supply air temperature
3x0293	Actual value exhaust air temperature
3x0294	Actual value extract air temperature
3x0299	Actual value supply air pressure
3x0300	Actual value extract air pressure
3x0301	Actual value supply air flow
3x0302	Actual value extract air flow
3x0306	Actual value freeze protection temp
3x0323	Actual value supply air filter pressure
3x0324	Actual value extract air filter pressure
3x0325	Actual value efficiency temperature
3x0336	Calculated average room temperature
3x0395	Calculated temperature efficiency exchanger
3x0408	Control signal sequence-A
3x0409	Control signal sequence-B
3x0410	Control signal sequence-C
3x0418	Control signal supply air fan
3x0419	Control signal extract air fan

Commands/setpoints

4x0573	External control
	0=None
	1=Extended run low
	2=Extended run normal
	3=Extended run high
	4=External stop
	5=External stop with support control
	6=Free cooling start
	7=Recirculation
Temperature setpoint according control type:	
4x0588	Setpoint supply air temperature
4x0589	Setpoint extract air temperature
4x0765	Setpoint room temperature

Tables of variables with register addresses

Tables with communication variables and register addresses from document version (A010) are available as printout, see APPENDIX, and as a MS Excel file attached to this PDF.

To access the attached Excel workbook, this document has to be opened with a dedicated PDF reader application (e.g. free version of Adobe Reader).

APPENDIX

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Access variable list

More information can be found in the Communication Manual

Access version: 4.6-1-00 rev. 2

Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_AlaAcknowAll	L	Coil Status Register (0x)	0000	RW	BV, 10000			Alarm setting	Command to acknowledge all alarms	
VentSettings.S_FilterAlarmReset	L	Coil Status Register (0x)	0001	RW	BV, 10001			Alarm setting	Command to reset the alarm service interval counter	
AlaData.Ala_MalfunctionSAF1_Status	X	Input Register (3x)	0000	R		1		Alarm Status	Malfunction supply air fan 1 1= no alarm 2= alarm blocked 3= alarm acknowledged 5= alarm returned 7= alarm active	
AlaData.Ala_MalfunctionSAF2_Status	X	Input Register (3x)	0001	R		1		Alarm Status	Malfunction supply air fan 2	
AlaData.Ala_MalfunctionSAF3_Status	X	Input Register (3x)	0002	R		1		Alarm Status	Malfunction supply air fan 3	
AlaData.Ala_MalfunctionSAF4_Status	X	Input Register (3x)	0003	R		1		Alarm Status	Malfunction supply air fan 4	
AlaData.Ala_MalfunctionSAF5_Status	X	Input Register (3x)	0004	R		1		Alarm Status	Malfunction supply air fan 5	
AlaData.Ala_MalfunctionEAF1_Status	X	Input Register (3x)	0005	R		1		Alarm Status	Malfunction extract air fan 1	
AlaData.Ala_MalfunctionEAF2_Status	X	Input Register (3x)	0006	R		1		Alarm Status	Malfunction extract air fan 2	
AlaData.Ala_MalfunctionEAF3_Status	X	Input Register (3x)	0007	R		1		Alarm Status	Malfunction extract air fan 3	
AlaData.Ala_MalfunctionEAF4_Status	X	Input Register (3x)	0008	R		1		Alarm Status	Malfunction extract air fan 4	
AlaData.Ala_MalfunctionEAF5_Status	X	Input Register (3x)	0009	R		1		Alarm Status	Malfunction extract air fan 5	
AlaData.Ala_AlarmSAF1_Status	X	Input Register (3x)	0010	R		1		Alarm Status	Alarm supply air fan 1	
AlaData.Ala_AlarmSAF2_Status	X	Input Register (3x)	0011	R		1		Alarm Status	Alarm supply air fan 2	
AlaData.Ala_AlarmSAF3_Status	X	Input Register (3x)	0012	R		1		Alarm Status	Alarm supply air fan 3	
AlaData.Ala_AlarmSAF4_Status	X	Input Register (3x)	0013	R		1		Alarm Status	Alarm supply air fan 4	
AlaData.Ala_AlarmSAF5_Status	X	Input Register (3x)	0014	R		1		Alarm Status	Alarm supply air fan 5	
AlaData.Ala_AlarmEAF1_Status	X	Input Register (3x)	0015	R		1		Alarm Status	Alarm extract air fan 1	
AlaData.Ala_AlarmEAF2_Status	X	Input Register (3x)	0016	R		1		Alarm Status	Alarm extract air fan 2	
AlaData.Ala_AlarmEAF3_Status	X	Input Register (3x)	0017	R		1		Alarm Status	Alarm extract air fan 3	
AlaData.Ala_AlarmEAF4_Status	X	Input Register (3x)	0018	R		1		Alarm Status	Alarm extract air fan 4	
AlaData.Ala_AlarmEAF5_Status	X	Input Register (3x)	0019	R		1		Alarm Status	Alarm extract air fan 5	
AlaData.Ala_WarningSAF1_Status	X	Input Register (3x)	0020	R		1		Alarm Status	Warning supply air fan 1	
AlaData.Ala_WarningSAF2_Status	X	Input Register (3x)	0021	R		1		Alarm Status	Warning supply air fan 2	
AlaData.Ala_WarningSAF3_Status	X	Input Register (3x)	0022	R		1		Alarm Status	Warning supply air fan 3	
AlaData.Ala_WarningSAF4_Status	X	Input Register (3x)	0023	R		1		Alarm Status	Warning supply air fan 4	
AlaData.Ala_WarningSAF5_Status	X	Input Register (3x)	0024	R		1		Alarm Status	Warning supply air fan 5	
AlaData.Ala_WarningEAF1_Status	X	Input Register (3x)	0025	R		1		Alarm Status	Warning extract air fan 1	
AlaData.Ala_WarningEAF2_Status	X	Input Register (3x)	0026	R		1		Alarm Status	Warning extract air fan 2	
AlaData.Ala_WarningEAF3_Status	X	Input Register (3x)	0027	R		1		Alarm Status	Warning extract air fan 3	
AlaData.Ala_WarningEAF4_Status	X	Input Register (3x)	0028	R		1		Alarm Status	Warning extract air fan 4	
AlaData.Ala_WarningEAF5_Status	X	Input Register (3x)	0029	R		1		Alarm Status	Warning extract air fan 5	
AlaData.Ala_ExternalRunSAF_Status	X	Input Register (3x)	0030	R		1		Alarm Status	External operation supply air fan	
AlaData.Ala_ExternalRunEAF_Status	X	Input Register (3x)	0031	R		1		Alarm Status	External operation extract air fan	
AlaData.Ala_ExternalRunMotor1_Status	X	Input Register (3x)	0032	R		1		Alarm Status	Extra fan motor 1 running	
AlaData.Ala_ExternalRunMotor2_Status	X	Input Register (3x)	0033	R		1		Alarm Status	Extra fan motor 2 running	
AlaData.Ala_MalfunctionPumpHeater_Status	X	Input Register (3x)	0034	R		1		Alarm Status	Malfunction pump heater	
AlaData.Ala_MalfunctionPumpCooler_Status	X	Input Register (3x)	0035	R		1		Alarm Status	Malfunction pump cooler	
AlaData.Ala_MalfunctionPumpExchanger_Status	X	Input Register (3x)	0036	R		1		Alarm Status	Malfunction pump exchanger	
AlaData.Ala_MalfunctionFireDamper_Status	X	Input Register (3x)	0037	R		1		Alarm Status	Malfunction fire damper	
AlaData.Ala_MalfunctionDamper_Status	X	Input Register (3x)	0038	R		1		Alarm Status	Malfunction damper	
AlaData.Ala_MalfunctionMotor1_Status	X	Input Register (3x)	0039	R		1		Alarm Status	Malfunction extra fan motor 1	
AlaData.Ala_MalfunctionMotor2_Status	X	Input Register (3x)	0040	R		1		Alarm Status	Malfunction extra fan motor 2	
AlaData.Ala_FireDamperExerciseStop_Status	X	Input Register (3x)	0041	R		1		Alarm Status	Malfunction fire damper exercise	

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Access variable list

More information can be found in the Communication Manual

Access version: 4.6-1-00 rev. 2

Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
AlaData.Ala_MalfunctionPumpSequence1_Status	X	Input Register (3x)	0042	R		1		Alarm Status	Malfunction pump sequence-A	
AlaData.Ala_MalfunctionPumpSequence2_Status	X	Input Register (3x)	0043	R		1		Alarm Status	Malfunction pump sequence-B	
AlaData.Ala_MalfunctionPumpSequence3_Status	X	Input Register (3x)	0044	R		1		Alarm Status	Malfunction pump sequence-C	
AlaData.Ala_MalfunctionPumpSequence4_Status	X	Input Register (3x)	0045	R		1		Alarm Status	Malfunction pump sequence-D	
AlaData.Ala_MalfunctionPumpSequence5_Status	X	Input Register (3x)	0046	R		1		Alarm Status	Malfunction pump sequence-E	
AlaData.Ala_MalfunctionPumpSequence6_Status	X	Input Register (3x)	0047	R		1		Alarm Status	Malfunction pump sequence-F	
AlaData.Ala_MalfunctionPumpSequence7_Status	X	Input Register (3x)	0048	R		1		Alarm Status	Malfunction pump sequence-G	
AlaData.Ala_MalfunctionPumpSequence8_Status	X	Input Register (3x)	0049	R		1		Alarm Status	Malfunction pump sequence-H	
AlaData.Ala_MalfunctionPumpSequence9_Status	X	Input Register (3x)	0050	R		1		Alarm Status	Malfunction pump sequence-I	
AlaData.Ala_MalfunctionPumpSequence10_Status	X	Input Register (3x)	0051	R		1		Alarm Status	Malfunction pump sequence-J	
AlaData.Ala_FilterGuard1_Status	X	Input Register (3x)	0052	R		1		Alarm Status	Filter alarm supply air	
AlaData.Ala_FilterGuard2_Status	X	Input Register (3x)	0053	R		1		Alarm Status	Filter alarm extract air	
AlaData.Ala_FlowGuard_Status	X	Input Register (3x)	0054	R		1		Alarm Status	Alarm low air flow	
AlaData.Ala_ExternalFrostGuard_Status	X	Input Register (3x)	0055	R		1		Alarm Status	Freeze protection guard	
AlaData.Ala_DeicingGuard_Status	X	Input Register (3x)	0056	R		1		Alarm Status	Defrosting guard exchanger	
AlaData.Ala_FireAlarm_Status	X	Input Register (3x)	0057	R		1		Alarm Status	Fire alarm	
AlaData.Ala_SmokeAlarm_Status	X	Input Register (3x)	0058	R		1		Alarm Status	Smoke alarm	
AlaData.Ala_ExternalSwitch_Status	X	Input Register (3x)	0059	R		1		Alarm Status	External stop	
AlaData.Ala_ExternalAlarm_Status	X	Input Register (3x)	0060	R		1		Alarm Status	External alarm	
AlaData.Ala_ServiceStop_Status	X	Input Register (3x)	0061	R		1		Alarm Status	Service stop	
AlaData.Ala_ElectricOverheat_Status	X	Input Register (3x)	0062	R		1		Alarm Status	Electric heater is overheated	
AlaData.Ala_FrostRisk_Status	X	Input Register (3x)	0063	R		1		Alarm Status	Warning freeze protection	
AlaData.Ala_LowEfficiency_Status	X	Input Register (3x)	0064	R		1		Alarm Status	Low efficiency exchanger	
AlaData.Ala_AnalogueDeicing_Status	X	Input Register (3x)	0065	R		1		Alarm Status	Defrosting alarm	
AlaData.Ala_RotationguardExchanger_Status	X	Input Register (3x)	0066	R		1		Alarm Status	Rotary exchanger alarm	
AlaData.Ala_ExtraAlarm1_Status	X	Input Register (3x)	0067	R		1		Alarm Status	Extra alarm 1	
AlaData.Ala_ExtraAlarm2_Status	X	Input Register (3x)	0068	R		1		Alarm Status	Extra alarm 2	
AlaData.Ala_ExtraAlarm3_Status	X	Input Register (3x)	0069	R		1		Alarm Status	Extra alarm 3	
AlaData.Ala_ExtraAlarm4_Status	X	Input Register (3x)	0070	R		1		Alarm Status	Extra alarm 4	
AlaData.Ala_ExtraAlarm5_Status	X	Input Register (3x)	0071	R		1		Alarm Status	Extra alarm 5	
AlaData.Ala_ExtraAlarm6_Status	X	Input Register (3x)	0072	R		1		Alarm Status	Extra alarm 6	
AlaData.Ala_ExtraAlarm7_Status	X	Input Register (3x)	0073	R		1		Alarm Status	Extra alarm 7	
AlaData.Ala_ExtraAlarm8_Status	X	Input Register (3x)	0074	R		1		Alarm Status	Extra alarm 8	
AlaData.Ala_ExtraAlarm9_Status	X	Input Register (3x)	0075	R		1		Alarm Status	Extra alarm 9	
AlaData.Ala_ExtraAlarm10_Status	X	Input Register (3x)	0076	R		1		Alarm Status	Extra alarm 10	
AlaData.Ala_BatteryFail_Status	X	Input Register (3x)	0077	R		1		Alarm Status	Internal battery error	
AlaData.Ala_Service_Status	X	Input Register (3x)	0078	R		1		Alarm Status	Alarm service interval	
AlaData.Ala_RestartBlocked_Status	X	Input Register (3x)	0079	R		1		Alarm Status	Restart blocked after power on	
AlaData.Ala_ControlErrorSupplyTemp_Status	X	Input Register (3x)	0080	R		1		Alarm Status	Deviation alarm supply air temperature	
AlaData.Ala_ControlErrorSAF_Status	X	Input Register (3x)	0081	R		1		Alarm Status	Deviation alarm supply air fan	
AlaData.Ala_ControlErrorEAF_Status	X	Input Register (3x)	0082	R		1		Alarm Status	Deviation alarm extract air fan	
AlaData.Ala_ControlErrorHumidity_Status	X	Input Register (3x)	0083	R		1		Alarm Status	Deviation alarm humidity control	
AlaData.Ala_ControlErrorExtraController_Status	X	Input Register (3x)	0084	R		1		Alarm Status	Deviation alarm extra controller	
AlaData.Ala_HighTempSupply_Status	X	Input Register (3x)	0085	R		1		Alarm Status	High supply air temperature	
AlaData.Ala_LowTempSupply_Status	X	Input Register (3x)	0086	R		1		Alarm Status	Low supply air temperature	
AlaData.Ala_MaxLimitTempSupply_Status	X	Input Register (3x)	0087	R		1		Alarm Status	Supply air temperature max limit	
AlaData.Ala_MinLimitTempSupply_Status	X	Input Register (3x)	0088	R		1		Alarm Status	Supply air temperature min limit	
AlaData.Ala_HighTempRoom_Status	X	Input Register (3x)	0089	R		1		Alarm Status	High room temperature	
AlaData.Ala_LowTempRoom_Status	X	Input Register (3x)	0090	R		1		Alarm Status	Low room temperature	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
AlaData.Ala_HighTempExtract_Status	X	Input Register (3x)	0091	R		1		Alarm Status	High extract air temperature	
AlaData.Ala_LowTempExtract_Status	X	Input Register (3x)	0092	R		1		Alarm Status	Low extract air temperature	
AlaData.Ala_HighTempOutdoor_Status	X	Input Register (3x)	0093	R		1		Alarm Status	High outdoor air temperature	
AlaData.Ala_LowTempOutdoor_Status	X	Input Register (3x)	0094	R		1		Alarm Status	Low outdoor air temperature	
AlaData.Ala_LowTempFrostGuard1_Status	X	Input Register (3x)	0095	R		1		Alarm Status	Freeze protection alarm 1	
AlaData.Ala_LowTempFrostGuard2_Status	X	Input Register (3x)	0096	R		1		Alarm Status	Freeze protection alarm 2	
AlaData.Ala_LowTempFrostGuard3_Status	X	Input Register (3x)	0097	R		1		Alarm Status	Freeze protection alarm 3	
AlaData.Ala_HighTempExtraSensor1_Status	X	Input Register (3x)	0098	R		1		Alarm Status	High limit extra sensor 1	
AlaData.Ala_LowTempExtraSensor1_Status	X	Input Register (3x)	0099	R		1		Alarm Status	Low limit extra sensor 1	
AlaData.Ala_HighTempExtraSensor2_Status	X	Input Register (3x)	0100	R		1		Alarm Status	High limit extra sensor 2	
AlaData.Ala_LowTempExtraSensor2_Status	X	Input Register (3x)	0101	R		1		Alarm Status	Low limit extra sensor 2	
AlaData.Ala_HighTempExtraSensor3_Status	X	Input Register (3x)	0102	R		1		Alarm Status	High limit extra sensor 3	
AlaData.Ala_LowTempExtraSensor3_Status	X	Input Register (3x)	0103	R		1		Alarm Status	Low limit extra sensor 3	
AlaData.Ala_HighTempExtraSensor4_Status	X	Input Register (3x)	0104	R		1		Alarm Status	High limit extra sensor 4	
AlaData.Ala_LowTempExtraSensor4_Status	X	Input Register (3x)	0105	R		1		Alarm Status	Low limit extra sensor 4	
AlaData.Ala_HighTempExtraSensor5_Status	X	Input Register (3x)	0106	R		1		Alarm Status	High limit extra sensor 5	
AlaData.Ala_LowTempExtraSensor5_Status	X	Input Register (3x)	0107	R		1		Alarm Status	Low limit extra sensor 5	
AlaData.Ala_HighTempSelectedSensor1_Status	X	Input Register (3x)	0108	R		1		Alarm Status	High limit selected sensor 1	
AlaData.Ala_LowTempSelectedSensor1_Status	X	Input Register (3x)	0109	R		1		Alarm Status	Low limit selected sensor 1	
AlaData.Ala_HighTempSelectedSensor2_Status	X	Input Register (3x)	0110	R		1		Alarm Status	High limit selected sensor 2	
AlaData.Ala_LowTempSelectedSensor2_Status	X	Input Register (3x)	0111	R		1		Alarm Status	Low limit selected sensor 2	
AlaData.Ala_ManualControlUnit_Status	X	Input Register (3x)	0112	R		1		Alarm Status	Manual operation air handling unit	
AlaData.Ala_ManualControlSupply_Status	X	Input Register (3x)	0113	R		1		Alarm Status	Manual operation supply air	
AlaData.Ala_ManualControlSAF_Status	X	Input Register (3x)	0114	R		1		Alarm Status	Manual operation supply air fan	
AlaData.Ala_ManualControlEAF_Status	X	Input Register (3x)	0115	R		1		Alarm Status	Manual operation extract air fan	
AlaData.Ala_ManualControlHeater_Status	X	Input Register (3x)	0116	R		1		Alarm Status	Manual operation heater	
AlaData.Ala_ManualControlExchanger_Status	X	Input Register (3x)	0117	R		1		Alarm Status	Manual operation exchanger	
AlaData.Ala_ManualControlCooler_Status	X	Input Register (3x)	0118	R		1		Alarm Status	Manual operation cooler	
AlaData.Ala_ManualControlDamper_Status	X	Input Register (3x)	0119	R		1		Alarm Status	Manual operation damper	
AlaData.Ala_ManualControlPumpHeater_Status	X	Input Register (3x)	0120	R		1		Alarm Status	Manual operation pump heater	
AlaData.Ala_ManualControlPumpExchanger_Status	X	Input Register (3x)	0121	R		1		Alarm Status	Manual operation pump exchanger	
AlaData.Ala_ManualControlPumpCooler_Status	X	Input Register (3x)	0122	R		1		Alarm Status	Manual operation pump cooler	
AlaData.Ala_ManualControlDamperRecirculation_Status	X	Input Register (3x)	0123	R		1		Alarm Status	Manual operation damper recirculation	
AlaData.Ala_ManualControlDamperOutdoor_Status	X	Input Register (3x)	0124	R		1		Alarm Status	Manual operation damper outdoor air	
AlaData.Ala_ManualControlDamperExhaust_Status	X	Input Register (3x)	0125	R		1		Alarm Status	Manual operation damper exhaust air	
AlaData.Ala_ManualControlDamperFire_Status	X	Input Register (3x)	0126	R		1		Alarm Status	Manual operation fire damper	
AlaData.Ala_ManualControlSequence1_Status	X	Input Register (3x)	0127	R		1		Alarm Status	Manual control sequence-A	
AlaData.Ala_ManualControlSequence2_Status	X	Input Register (3x)	0128	R		1		Alarm Status	Manual control sequence-B	
AlaData.Ala_ManualControlSequence3_Status	X	Input Register (3x)	0129	R		1		Alarm Status	Manual control sequence-C	
AlaData.Ala_ManualControlSequence4_Status	X	Input Register (3x)	0130	R		1		Alarm Status	Manual control sequence-D	
AlaData.Ala_ManualControlSequence5_Status	X	Input Register (3x)	0131	R		1		Alarm Status	Manual control sequence-E	
AlaData.Ala_ManualControlSequence6_Status	X	Input Register (3x)	0132	R		1		Alarm Status	Manual control sequence-F	
AlaData.Ala_ManualControlSequence7_Status	X	Input Register (3x)	0133	R		1		Alarm Status	Manual control sequence-G	
AlaData.Ala_ManualControlSequence8_Status	X	Input Register (3x)	0134	R		1		Alarm Status	Manual control sequence-H	
AlaData.Ala_ManualControlSequence9_Status	X	Input Register (3x)	0135	R		1		Alarm Status	Manual control sequence-I	
AlaData.Ala_ManualControlSequence10_Status	X	Input Register (3x)	0136	R		1		Alarm Status	Manual control sequence-J	
AlaData.Ala_ManualControlOutput_Status	X	Input Register (3x)	0137	R		1		Alarm Status	Output in manual operation	
AlaData.Ala_ManualControlInput_Status	X	Input Register (3x)	0138	R		1		Alarm Status	Input in manual operation	
AlaData.Ala_ManualControlExtraController_Status	X	Input Register (3x)	0139	R		1		Alarm Status	Manual operation extra controller	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
AlaData.Ala_ManualControlMotor1_Status	X	Input Register (3x)	0140	R		1		Alarm Status	Manual operation external fan motor 1	
AlaData.Ala_ManualControlMotor2_Status	X	Input Register (3x)	0141	R		1		Alarm Status	Manual operation external fan motor 2	
AlaData.Ala_ManualControlPretreatment_Status	X	Input Register (3x)	0142	R		1		Alarm Status	Manual operation pretreatment	
AlaData.Ala_SensorErrorTempOutdoor_Status	X	Input Register (3x)	0143	R		1		Alarm Status	Sensor error outdoor air temperature	
AlaData.Ala_SensorErrorTempIntake_Status	X	Input Register (3x)	0144	R		1		Alarm Status	Sensor error intake air temperature	
AlaData.Ala_SensorErrorTempSupply_Status	X	Input Register (3x)	0145	R		1		Alarm Status	Sensor error supply air temperature	
AlaData.Ala_SensorErrorTempExhaust_Status	X	Input Register (3x)	0146	R		1		Alarm Status	Sensor error exhaust air temperature	
AlaData.Ala_SensorErrorTempExtract_Status	X	Input Register (3x)	0147	R		1		Alarm Status	Sensor error extract air temperature	
AlaData.Ala_SensorErrorTempRoom1_Status	X	Input Register (3x)	0148	R		1		Alarm Status	Sensor error room temperature 1	
AlaData.Ala_SensorErrorTempRoom2_Status	X	Input Register (3x)	0149	R		1		Alarm Status	Sensor error room temperature 2	
AlaData.Ala_SensorErrorTempRoom3_Status	X	Input Register (3x)	0150	R		1		Alarm Status	Sensor error room temperature 3	
AlaData.Ala_SensorErrorTempRoom4_Status	X	Input Register (3x)	0151	R		1		Alarm Status	Sensor error room temperature 4	
AlaData.Ala_SensorErrorPressureSAF_Status	X	Input Register (3x)	0152	R		1		Alarm Status	Sensor error pressure supply air	
AlaData.Ala_SensorErrorPressureEAF_Status	X	Input Register (3x)	0153	R		1		Alarm Status	Sensor error pressure extract air	
AlaData.Ala_SensorErrorFlowSAF_Status	X	Input Register (3x)	0154	R		1		Alarm Status	Sensor error flow supply air	
AlaData.Ala_SensorErrorFlowEAF_Status	X	Input Register (3x)	0155	R		1		Alarm Status	Sensor error flow extract air	
AlaData.Ala_SensorPressureExchangerSAF_Status	X	Input Register (3x)	0156	R		1		Alarm Status	Sensor error flow exchanger supply air	
AlaData.Ala_SensorPressureExchangerEAF_Status	X	Input Register (3x)	0157	R		1		Alarm Status	Sensor error pressure exchanger extract air	
AlaData.Ala_SensorErrorTempDeicing_Status	X	Input Register (3x)	0158	R		1		Alarm Status	Sensor error defrosting temperature	
AlaData.Ala_SensorErrorTempFrost1_Status	X	Input Register (3x)	0159	R		1		Alarm Status	Sensor error freeze protection temperature 1	
AlaData.Ala_SensorErrorTempFrost2_Status	X	Input Register (3x)	0160	R		1		Alarm Status	Sensor error freeze protection temperature 2	
AlaData.Ala_SensorErrorTempFrost3_Status	X	Input Register (3x)	0161	R		1		Alarm Status	Sensor error freeze protection temperature 3	
AlaData.Ala_SensorErrorCO2_Status	X	Input Register (3x)	0162	R		1		Alarm Status	Sensor error CO2 room/extract air	
AlaData.Ala_SensorErrorHumidityRoom_Status	X	Input Register (3x)	0163	R		1		Alarm Status	Sensor error humidity room/extract air	
AlaData.Ala_SensorErrorHumidityDuct_Status	X	Input Register (3x)	0164	R		1		Alarm Status	Sensor error humidity supply air	
AlaData.Ala_SensorErrorTempExtraController_Status	X	Input Register (3x)	0165	R		1		Alarm Status	Sensor error extra controller	
AlaData.Ala_SensorErrorExtCtrlSAF_Status	X	Input Register (3x)	0166	R		1		Alarm Status	Signal error external control supply air fan	
AlaData.Ala_SensorErrorExtCtrlEAF_Status	X	Input Register (3x)	0167	R		1		Alarm Status	Signal error external control extract air fan	
AlaData.Ala_SensorErrorHumidityOutdoor_Status	X	Input Register (3x)	0168	R		1		Alarm Status	Sensor error humidity outdoor	
AlaData.Ala_SensorErrorTempExtraSensor1_Status	X	Input Register (3x)	0169	R		1		Alarm Status	Sensor error extra sensor 1	
AlaData.Ala_SensorErrorTempExtraSensor2_Status	X	Input Register (3x)	0170	R		1		Alarm Status	Sensor error extra sensor 2	
AlaData.Ala_SensorErrorTempExtraSensor3_Status	X	Input Register (3x)	0171	R		1		Alarm Status	Sensor error extra sensor 3	
AlaData.Ala_SensorErrorTempExtraSensor4_Status	X	Input Register (3x)	0172	R		1		Alarm Status	Sensor error extra sensor 4	
AlaData.Ala_SensorErrorTempExtraSensor5_Status	X	Input Register (3x)	0173	R		1		Alarm Status	Sensor error extra sensor 5	
AlaData.Ala_SensorErrorExtSupplySetp_Status	X	Input Register (3x)	0174	R		1		Alarm Status	Sensor error external temperature setpoint	
AlaData.Ala_SensorErrorExtFlowSetpoint_Status	X	Input Register (3x)	0175	R		1		Alarm Status	Signal error external flow setpoint	
AlaData.Ala_SensorErrorFilterGuard1_Status	X	Input Register (3x)	0176	R		1		Alarm Status	Sensor error pressure filter supply air	
AlaData.Ala_SensorErrorFilterGuard2_Status	X	Input Register (3x)	0177	R		1		Alarm Status	Sensor error pressure filter extract air	
AlaData.Ala_SensorErrorTempEfficiency_Status	X	Input Register (3x)	0178	R		1		Alarm Status	Sensor error efficiency temp	
AlaData.Ala_CommErrorDevice_Status	X	Input Register (3x)	0179	R		1		Alarm Status	Fault communication device	
AlaData.Ala_MalfunctionExtraController_Status	X	Input Register (3x)	0180	R		1		Alarm Status	Malfunction Extra Controller	
AlaData.Ala_InternalError_Status	X	Input Register (3x)	0181	R		1		Alarm Status	Internal error	
AlaData.Ala_SmokeDetectorService_Status	X	Input Register (3x)	0182	R		1		Alarm Status	Smoke detector service	
AlaData.Ala_SmokeDetectorError_Status	X	Input Register (3x)	0183	R		1		Alarm Status	Smoke detector connection error	
AlaData.Ala_MalfunctionPreheater_Status	X	Input Register (3x)	0184	R		1		Alarm Status	Malfunction preheater	4.1-1-00
AlaData.Ala_CommunicationFaultBMS_Status	X	Input Register (3x)	0185	R		1		Alarm Status	Communication fault BMS master	4.1-1-00
AlaData.Ala_LeakageHeaterValve_Status	X	Input Register (3x)	0186	R		1		Alarm Status	Leakage heater valve	4.1-1-00
AlaData.Ala_SensorErrorTempPreheat_Status	X	Input Register (3x)	0187	R		1		Alarm Status	Sensor error preheater temperature	4.1-1-00
AlaData.Ala_MalfunctionSAF6_Status	X	Input Register (3x)	0188	R		1		Alarm Status	Malfunction supply air fan 6	4.3-1-00

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
AlaData.Ala_MalfunctionSAF7_Status	X	Input Register (3x)	0189	R		1		Alarm Status	Malfunction supply air fan 7	4.3-1-00
AlaData.Ala_MalfunctionSAF8_Status	X	Input Register (3x)	0190	R		1		Alarm Status	Malfunction supply air fan 8	4.3-1-00
AlaData.Ala_MalfunctionEAF6_Status	X	Input Register (3x)	0191	R		1		Alarm Status	Malfunction extract air fan 6	4.3-1-00
AlaData.Ala_MalfunctionEAF7_Status	X	Input Register (3x)	0192	R		1		Alarm Status	Malfunction extract air fan 7	4.3-1-00
AlaData.Ala_MalfunctionEAF8_Status	X	Input Register (3x)	0193	R		1		Alarm Status	Malfunction extract air fan 8	4.3-1-00
AlaData.Ala_AlarmSAF6_Status	X	Input Register (3x)	0194	R		1		Alarm Status	Alarm supply air fan 6	4.3-1-00
AlaData.Ala_AlarmSAF7_Status	X	Input Register (3x)	0195	R		1		Alarm Status	Alarm supply air fan 7	4.3-1-00
AlaData.Ala_AlarmSAF8_Status	X	Input Register (3x)	0196	R		1		Alarm Status	Alarm supply air fan 8	4.3-1-00
AlaData.Ala_AlarmEAF6_Status	X	Input Register (3x)	0197	R		1		Alarm Status	Alarm extract air fan 6	4.3-1-00
AlaData.Ala_AlarmEAF7_Status	X	Input Register (3x)	0198	R		1		Alarm Status	Alarm extract air fan 7	4.3-1-00
AlaData.Ala_AlarmEAF8_Status	X	Input Register (3x)	0199	R		1		Alarm Status	Alarm extract air fan 8	4.3-1-00
AlaData.Ala_WarningSAF6_Status	X	Input Register (3x)	0200	R		1		Alarm Status	Warning supply air fan 6	4.3-1-00
AlaData.Ala_WarningSAF7_Status	X	Input Register (3x)	0201	R		1		Alarm Status	Warning supply air fan 7	4.3-1-00
AlaData.Ala_WarningSAF8_Status	X	Input Register (3x)	0202	R		1		Alarm Status	Warning supply air fan 8	4.3-1-00
AlaData.Ala_WarningEAF6_Status	X	Input Register (3x)	0203	R		1		Alarm Status	Warning extract air fan 6	4.3-1-00
AlaData.Ala_WarningEAF7_Status	X	Input Register (3x)	0204	R		1		Alarm Status	Warning extract air fan 7	4.3-1-00
AlaData.Ala_WarningEAF8_Status	X	Input Register (3x)	0205	R		1		Alarm Status	Warning extract air fan 8	4.3-1-00
AlaData.Ala_MalfunctionHeatingZone1_Status	X	Input Register (3x)	0206	R		1		Alarm Status	Malfunction heating zone 1	4.3-1-00
AlaData.Ala_MalfunctionHeatingZone2_Status	X	Input Register (3x)	0207	R		1		Alarm Status	Malfunction heating zone 2	4.3-1-00
AlaData.Ala_MalfunctionHeatingZone3_Status	X	Input Register (3x)	0208	R		1		Alarm Status	Malfunction heating zone 3	4.3-1-00
AlaData.Ala_MalfunctionCoolingZone1_Status	X	Input Register (3x)	0209	R		1		Alarm Status	Malfunction cooling zone 1	4.3-1-00
AlaData.Ala_MalfunctionCoolingZone2_Status	X	Input Register (3x)	0210	R		1		Alarm Status	Malfunction cooling zone 2	4.3-1-00
AlaData.Ala_MalfunctionCoolingZone3_Status	X	Input Register (3x)	0211	R		1		Alarm Status	Malfunction cooling zone 3	4.3-1-00
AlaData.Ala_ControlErrorSupplyTempZone1_Status	X	Input Register (3x)	0212	R		1		Alarm Status	Deviation alarm supply air temperature zone 1	4.3-1-00
AlaData.Ala_ControlErrorSupplyTempZone2_Status	X	Input Register (3x)	0213	R		1		Alarm Status	Deviation alarm supply air temperature zone 2	4.3-1-00
AlaData.Ala_ControlErrorSupplyTempZone3_Status	X	Input Register (3x)	0214	R		1		Alarm Status	Deviation alarm supply air temperature zone 3	4.3-1-00
AlaData.Ala_LowTempFrostGuardZone1_Status	X	Input Register (3x)	0215	R		1		Alarm Status	Freeze protection alarm zone 1	4.3-1-00
AlaData.Ala_LowTempFrostGuardZone2_Status	X	Input Register (3x)	0216	R		1		Alarm Status	Freeze protection alarm zone 2	4.3-1-00
AlaData.Ala_LowTempFrostGuardZone3_Status	X	Input Register (3x)	0217	R		1		Alarm Status	Freeze protection alarm zone 3	4.3-1-00
AlaData.Ala_ElectricOverheatZone1_Status	X	Input Register (3x)	0218	R		1		Alarm Status	Electric heater is overheated zone 1	4.3-1-00
AlaData.Ala_ElectricOverheatZone2_Status	X	Input Register (3x)	0219	R		1		Alarm Status	Electric heater is overheated zone 2	4.3-1-00
AlaData.Ala_ElectricOverheatZone3_Status	X	Input Register (3x)	0220	R		1		Alarm Status	Electric heater is overheated zone 3	4.3-1-00
AlaData.Ala_SensorErrorTempSupplyZone1_Status	X	Input Register (3x)	0221	R		1		Alarm Status	Sensor error supply air temperature zone 1	4.3-1-00
AlaData.Ala_SensorErrorTempSupplyZone2_Status	X	Input Register (3x)	0222	R		1		Alarm Status	Sensor error supply air temperature zone 2	4.3-1-00
AlaData.Ala_SensorErrorTempSupplyZone3_Status	X	Input Register (3x)	0223	R		1		Alarm Status	Sensor error supply air temperature zone 3	4.3-1-00
AlaData.Ala_SensorErrorTempRoomZone1_Status	X	Input Register (3x)	0224	R		1		Alarm Status	Sensor error room temperature zone 1	4.3-1-00
AlaData.Ala_SensorErrorTempRoomZone2_Status	X	Input Register (3x)	0225	R		1		Alarm Status	Sensor error room temperature zone 2	4.3-1-00
AlaData.Ala_SensorErrorTempRoomZone3_Status	X	Input Register (3x)	0226	R		1		Alarm Status	Sensor error room temperature zone 3	4.3-1-00
AlaData.Ala_SensorErrorTempExtractZone1_Status	X	Input Register (3x)	0227	R		1		Alarm Status	Sensor error extract temperature zone 1	4.3-1-00
AlaData.Ala_SensorErrorTempExtractZone2_Status	X	Input Register (3x)	0228	R		1		Alarm Status	Sensor error extract temperature zone 2	4.3-1-00
AlaData.Ala_SensorErrorTempExtractZone3_Status	X	Input Register (3x)	0229	R		1		Alarm Status	Sensor error extract temperature zone 3	4.3-1-00
AlaData.Ala_SensorErrorTempFrostZone1_Status	X	Input Register (3x)	0230	R		1		Alarm Status	Sensor error freeze protection temperature zone 1	4.3-1-00
AlaData.Ala_SensorErrorTempFrostZone2_Status	X	Input Register (3x)	0231	R		1		Alarm Status	Sensor error freeze protection temperature zone 2	4.3-1-00
AlaData.Ala_SensorErrorTempFrostZone3_Status	X	Input Register (3x)	0232	R		1		Alarm Status	Sensor error freeze protection temperature zone 3	4.3-1-00
AlaData.Ala_SignalErrorFeedbackCoolerValve_Status	X	Input Register (3x)	0233	R		1		Alarm Status	Signal error feedback cooler valve	4.5-1-00
AlaData.Ala_SignalErrorFeedbackOutdoorDamper_Status	X	Input Register (3x)	0234	R		1		Alarm Status	Signal error feedback outdoor air damper	4.5-1-00
AlaData.Ala_SignalErrorFeedbackRecircDamper_Status	X	Input Register (3x)	0235	R		1		Alarm Status	Signal error feedback recirculation damper	4.5-1-00
AlaData.Ala_DeviceWarning_Status	X	Input Register (3x)	0236	R		1		Alarm Status	Device warning	4.4-1-00
AlaData.Ala_DeviceAlarm_Status	X	Input Register (3x)	0237	R		1		Alarm Status	Device alarm	4.4-1-00

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
AlaData.Ala_EATROverpressure_Status	X	Input Register (3x)	0238	R		1		Alarm Status	High pressure EATR	4.5-1-00
AlaData.Ala_SensorErrorEATR_Status	X	Input Register (3x)	0239	R		1		Alarm Status	Sensor error pressure EATR	4.5-1-00
AlaData.Ala_FailSafe_Status	X	Input Register (3x)	0240	R		1		Alarm Status	Fail-safe airflow/temperature control	4.6-1-00
AlaData.Ala_FilterGuard3_Status	X	Input Register (3x)	0241	R		1		Alarm Status	Pre-filter alarm supply air	4.6-1-00
AlaData.Ala_FilterGuard4_Status	X	Input Register (3x)	0242	R		1		Alarm Status	End-filter alarm supply air	4.6-1-00
AlaData.Ala_FilterGuard5_Status	X	Input Register (3x)	0243	R		1		Alarm Status	Pre-filter alarm extract air	4.6-1-00
AlaData.Ala_SensorErrorFilterGuard3_Status	X	Input Register (3x)	0244	R		1		Alarm Status	Sensor error pressure pre-filter supply air	4.6-1-00
AlaData.Ala_SensorErrorFilterGuard4_Status	X	Input Register (3x)	0245	R		1		Alarm Status	Sensor error pressure end-filter supply air	4.6-1-00
AlaData.Ala_SensorErrorFilterGuard5_Status	X	Input Register (3x)	0246	R		1		Alarm Status	Sensor error pressure pre-filter extract air	4.6-1-00
VentActual.A_AnalogInput(1)	R	Input Register (3x)	0250	R	AV, 40250	10		Analogue input	Actual value AI1	
VentActual.A_AnalogInput(2)	R	Input Register (3x)	0251	R	AV, 40251	10		Analogue input	Actual value AI2	
VentActual.A_AnalogInput(3)	R	Input Register (3x)	0252	R	AV, 40252	10		Analogue input	Actual value AI3	
VentActual.A_AnalogInput(4)	R	Input Register (3x)	0253	R	AV, 40253	10		Analogue input	Actual value AI4	
VentActual.A_AnalogInput(5)	R	Input Register (3x)	0254	R	AV, 40254	10		Analogue input	Actual value AI5 (CU283W-4: UI1)	
VentActual.A_AnalogInput(6)	R	Input Register (3x)	0255	R	AV, 40255	10		Analogue input	Actual value AI6 (CU283W-4: UI2)	
VentActual.A_AnalogInput(7)	R	Input Register (3x)	0256	R	AV, 40256	10		Analogue input	Actual value AI7 (CU283W-4: UI3)	
VentActual.A_AnalogInput(8)	R	Input Register (3x)	0257	R	AV, 40257	10		Analogue input	Actual value AI8 (CU283W-4: UI4)	
VentActual.A_AnalogInputExp1(1)	R	Input Register (3x)	0258	R	AV, 40258	10		Analogue input	Actual value exp.unit 1 AI1	
VentActual.A_AnalogInputExp1(2)	R	Input Register (3x)	0259	R	AV, 40259	10		Analogue input	Actual value exp.unit 1 AI2	
VentActual.A_AnalogInputExp1(3)	R	Input Register (3x)	0260	R	AV, 40260	10		Analogue input	Actual value exp.unit 1 AI3	
VentActual.A_AnalogInputExp1(4)	R	Input Register (3x)	0261	R	AV, 40261	10		Analogue input	Actual value exp.unit 1 AI4	
VentActual.A_AnalogInputExp1(5)	R	Input Register (3x)	0262	R	AV, 40262	10		Universal input	Actual value exp.unit 1 analog UI1	
VentActual.A_AnalogInputExp1(6)	R	Input Register (3x)	0263	R	AV, 40263	10		Universal input	Actual value exp.unit 1 analog UI2	
VentActual.A_AnalogInputExp1(7)	R	Input Register (3x)	0264	R	AV, 40264	10		Universal input	Actual value exp.unit 1 analog UI3	
VentActual.A_AnalogInputExp1(8)	R	Input Register (3x)	0265	R	AV, 40265	10		Universal input	Actual value exp.unit 1 analog UI4	
VentActual.A_AnalogInputExp2(1)	R	Input Register (3x)	0266	R	AV, 40266	10		Analogue input	Actual value exp.unit 2 AI1	
VentActual.A_AnalogInputExp2(2)	R	Input Register (3x)	0267	R	AV, 40267	10		Analogue input	Actual value exp.unit 2 AI2	
VentActual.A_AnalogInputExp2(3)	R	Input Register (3x)	0268	R	AV, 40268	10		Analogue input	Actual value exp.unit 2 AI3	
VentActual.A_AnalogInputExp2(4)	R	Input Register (3x)	0269	R	AV, 40269	10		Analogue input	Actual value exp.unit 2 AI4	
VentActual.A_AnalogInputExp2(5)	R	Input Register (3x)	0270	R	AV, 40270	10		Universal input	Actual value exp.unit 2 analog UI1	
VentActual.A_AnalogInputExp2(6)	R	Input Register (3x)	0271	R	AV, 40271	10		Universal input	Actual value exp.unit 2 analog UI2	
VentActual.A_AnalogInputExp2(7)	R	Input Register (3x)	0272	R	AV, 40272	10		Universal input	Actual value exp.unit 2 analog UI3	
VentActual.A_AnalogInputExp2(8)	R	Input Register (3x)	0273	R	AV, 40273	10		Universal input	Actual value exp.unit 2 analog UI4	
VentActual.A_AnalogInput(9)	R	Input Register (3x)	0274	R	AV, 40274	10		Analogue input	Actual value AI9	4.4-1-00
VentActual.A_AnalogInput(10)	R	Input Register (3x)	0275	R	AV, 40275	10		Analogue input	Actual value Smoke	4.4-1-00
VentActual.A_AnalogInput(11)	R	Input Register (3x)	0276	R	AV, 40276	10		Universal input	Actual value analog UI1	4.4-1-00
VentActual.A_AnalogInput(12)	R	Input Register (3x)	0277	R	AV, 40277	10		Universal input	Actual value analog UI2	4.4-1-00
VentActual.A_AnalogInput(13)	R	Input Register (3x)	0278	R	AV, 40278	10		Universal input	Actual value analog UI3	4.4-1-00
VentActual.A_AnalogInput(14)	R	Input Register (3x)	0279	R	AV, 40279	10		Universal input	Actual value analog UI4	4.4-1-00
VentActual.A_AI_OutDoorTemp	R	Input Register (3x)	0290	R	AV, 40290	10	T	AI function	Actual value outdoor temperature	
VentActual.A_AI_IntakeAirTemp	R	Input Register (3x)	0291	R	AV, 40291	10	T	AI function	Actual value intake air temperature	
VentActual.A_AI_SupplyAirTemp	R	Input Register (3x)	0292	R	AV, 40292	10	T	AI function	Actual value supply air temperature	
VentActual.A_AI_ExhaustAirTemp	R	Input Register (3x)	0293	R	AV, 40293	10	T	AI function	Actual value exhaust air temperature	
VentActual.A_AI_ExtractAirTemp	R	Input Register (3x)	0294	R	AV, 40294	10	T	AI function	Actual value extract air temperature	
VentActual.A_AI_RoomTemp1(0)	R	Input Register (3x)	0295	R	AV, 40295	10		AI function	Actual value room temperature 1	
VentActual.A_AI_RoomTemp2	R	Input Register (3x)	0296	R	AV, 40296	10		AI function	Actual value room temperature 2	
VentActual.A_AI_RoomTemp3	R	Input Register (3x)	0297	R	AV, 40297	10		AI function	Actual value room temperature 3	
VentActual.A_AI_RoomTemp4	R	Input Register (3x)	0298	R	AV, 40298	10		AI function	Actual value room temperature 4	
VentActual.A_AI_SAFPressure	R	Input Register (3x)	0299	R	AV, 40299	10	P	AI function	Actual value supply air pressure	

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Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_AI_EAFPressure	R	Input Register (3x)	0300	R	AV, 40300	10	P	AI function	Actual value extract air pressure	
VentActual.A_AI_SAFFlow	R	Input Register (3x)	0301	R	AV, 40301	1	Q	AI function	Actual value supply air flow	4.3-1-00
VentActual.A_AI_EAFFlow	R	Input Register (3x)	0302	R	AV, 40302	1	Q	AI function	Actual value extract air flow	4.3-1-00
VentActual.A_ExchPressureSAF	R	Input Register (3x)	0303	R	AV, 40303	10		AI function	Actual value exchanger supply flow	
VentActual.A_AI_ExchPressureEAF	R	Input Register (3x)	0304	R	AV, 40304	10		AI function	Actual value exchanger extract pressure	
VentActual.A_AI_DeIcingTemp	R	Input Register (3x)	0305	R	AV, 40305	10		AI function	Actual value defrosting temperature	
VentActual.A_AI_FrostprotTemp1(0)	R	Input Register (3x)	0306	R	AV, 40306	10	T	AI function	Actual value freeze protection temperature 1	
VentActual.A_AI_FrostprotTemp2	R	Input Register (3x)	0307	R	AV, 40307	10	T	AI function	Actual value freeze protection temperature 2	
VentActual.A_AI_FrostprotTemp3	R	Input Register (3x)	0308	R	AV, 40308	10	T	AI function	Actual value freeze protection temperature 3	
VentActual.A_AI_CO2	R	Input Register (3x)	0309	R	AV, 40309	10	ppm	AI function	Actual value CO_2 room/extract air	
VentActual.A_AI_HumidityRoom	R	Input Register (3x)	0310	R	AV, 40310	10	%	AI function	Actual value humidity room/extract air	
VentActual.A_AI_HumidityDuct	R	Input Register (3x)	0311	R	AV, 40311	10	%	AI function	Actual value humidity duct	
VentActual.A_AI_HumidityOutDoor	R	Input Register (3x)	0312	R	AV, 40312	10	%	AI function	Actual value humidity outdoor	
VentActual.A_AI_ExtraControllerTemp	R	Input Register (3x)	0313	R	AV, 40313	10		AI function	Actual value extra controller temperature	
VentActual.A_AI_ExtSAFControl	R	Input Register (3x)	0314	R	AV, 40314	10		AI function	Actual value external control supply air fan	
VentActual.A_AI_ExtEAFControl	R	Input Register (3x)	0315	R	AV, 40315	10		AI function	Actual value external control exract air fan	
VentActual.A_AI_ExtraSensor1(0)	R	Input Register (3x)	0316	R	AV, 40316	10		AI function	Actual value extra sensor 1	
VentActual.A_AI_ExtraSensor2	R	Input Register (3x)	0317	R	AV, 40317	10		AI function	Actual value extra sensor 2	
VentActual.A_AI_ExtraSensor3	R	Input Register (3x)	0318	R	AV, 40318	10		AI function	Actual value extra sensor 3	
VentActual.A_AI_ExtraSensor4	R	Input Register (3x)	0319	R	AV, 40319	10		AI function	Actual value extra sensor 4	
VentActual.A_AI_ExtraSensor5	R	Input Register (3x)	0320	R	AV, 40320	10		AI function	Actual value extra sensor 5	
VentActual.A_AI_ExternalSupplySetP	R	Input Register (3x)	0321	R	AV, 40321	10		AI function	Actual value external temperature setpoint	
VentActual.A_AI_ExternalFlowSetP	R	Input Register (3x)	0322	R	AV, 40322	1		AI function	Actual value external supply air flow setpoint	4.3-1-00
VentActual.A_AI_FilterGuard1(0)	R	Input Register (3x)	0323	R	AV, 40323	10		AI function	Actual value supply air filter pressure	
VentActual.A_AI_FilterGuard2	R	Input Register (3x)	0324	R	AV, 40324	10		AI function	Actual value extract air filter pressure	
VentActual.A_AI_EfficiencyTemp	R	Input Register (3x)	0325	R	AV, 40325	10		AI function	Actual value efficiency temperature	
VentActual.A_AI_PreHeatTemp	R	Input Register (3x)	0326	R	AV, 40326	10	T	AI function	Actual value preheater temperature	4.3-1-00
VentActual.A_AI_Zone1SupplyTemp(0)	R	Input Register (3x)	0327	R	AV, 40327	10	T	AI function	Actual value supply air temperature zone 1	4.3-1-00
VentActual.A_AI_Zone2SupplyTemp	R	Input Register (3x)	0328	R	AV, 40328	10	T	AI function	Actual value supply air temperature zone 2	4.3-1-00
VentActual.A_AI_Zone3SupplyTemp	R	Input Register (3x)	0329	R	AV, 40329	10	T	AI function	Actual value supply air temperature zone 3	4.3-1-00
VentActual.A_AI_Zone1ExtractTemp(0)	R	Input Register (3x)	0330	R	AV, 40330	10	T	AI function	Actual value extract air temperature zone 1	4.3-1-00
VentActual.A_AI_Zone2ExtractTemp	R	Input Register (3x)	0331	R	AV, 40331	10	T	AI function	Actual value extract air temperature zone 2	4.3-1-00
VentActual.A_AI_Zone3ExtractTemp	R	Input Register (3x)	0332	R	AV, 40332	10	T	AI function	Actual value extract air temperature zone 3	4.3-1-00
VentActual.A_AI_Zone1RoomTemp(0)	R	Input Register (3x)	0333	R	AV, 40333	10	T	AI function	Actual value room temperature zone 1	4.3-1-00
VentActual.A_AI_Zone2RoomTemp	R	Input Register (3x)	0334	R	AV, 40334	10	T	AI function	Actual value room temperature zone 2	4.3-1-00
VentActual.A_AI_Zone3RoomTemp	R	Input Register (3x)	0335	R	AV, 40335	10	T	AI function	Actual value room temperature zone 3	4.3-1-00
VentActual.A_RoomTemp	R	Input Register (3x)	0336	R	AV, 40336	10	T	AI function	Calculated average temperature of room sensor 1 to 4	
VentInternal.I_ModbusReserved(0)	R	Input Register (3x)	0337	R					Spare	
VentInternal.I_ModbusReserved(1)	R	Input Register (3x)	0338	R					Spare	
VentActual.A_AI_ExchAirFlowSAF	R	Input Register (3x)	0339	R	AV, 40339	1	Q	AI function	Calculated flow exchanger supply air	4.3-1-00
VentActual.A_ExchAirFlowEAF	R	Input Register (3x)	0340	R	AV, 40340	1	Q	AI function	Calculated flow exchanger extract air	4.3-1-00
VentActual.A_AO_SequenceY1	R	Input Register (3x)	0341	R	AV, 40341	10	%	AO function	Actual value SEQ-A	
VentActual.A_AO_SequenceY2	R	Input Register (3x)	0342	R	AV, 40342	10	%	AO function	Actual value SEQ-B	
VentActual.A_AO_SequenceY3	R	Input Register (3x)	0343	R	AV, 40343	10	%	AO function	Actual value SEQ-C	
VentActual.A_AO_SequenceY4	R	Input Register (3x)	0344	R	AV, 40344	10	%	AO function	Actual value SEQ-D	
VentActual.A_AO_SequenceY5	R	Input Register (3x)	0345	R	AV, 40345	10	%	AO function	Actual value SEQ-E	
VentActual.A_AO_SequenceY6	R	Input Register (3x)	0346	R	AV, 40346	10	%	AO function	Actual value SEQ-F	
VentActual.A_AO_SequenceY7	R	Input Register (3x)	0347	R	AV, 40347	10	%	AO function	Actual value SEQ-G	
VentActual.A_AO_SequenceY8	R	Input Register (3x)	0348	R	AV, 40348	10	%	AO function	Actual value SEG-H	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_AO_SequenceY9	R	Input Register (3x)	0349	R	AV, 40349	10	%	AO function	Actual value SEQ-I	
VentActual.A_AO_SequenceY10	R	Input Register (3x)	0350	R	AV, 40350	10	%	AO function	Actual value SEQ-J	
VentActual.A_AO_ChangeOver1	R	Input Register (3x)	0351	R	AV, 40351	10	%	AO function	Actual value changeover 1	
VentActual.A_AO_ChangeOver2	R	Input Register (3x)	0352	R	AV, 40352	10	%	AO function	Actual value changeover 2	
VentActual.A_AO_SAF	R	Input Register (3x)	0353	R	AV, 40353	10	%	AO function	Actual value supply air fan	
VentActual.A_AO_EAF	R	Input Register (3x)	0354	R	AV, 40354	10	%	AO function	Actual value extract air fan	
VentActual.A_AO_Humidity	R	Input Register (3x)	0355	R	AV, 40355	10	%	AO function	Actual value humidity	
VentActual.A_AO_StepController1	R	Input Register (3x)	0356	R	AV, 40356	10	%	AO function	Actual value step controller 1	
VentActual.A_AO_StepController2	R	Input Register (3x)	0357	R	AV, 40357	10	%	AO function	Actual value step controller 2	
VentActual.A_AO_ExtraController	R	Input Register (3x)	0358	R	AV, 40358	10	%	AO function	Actual value extra controller	
VentActual.A_AO_AISignalOutput	R	Input Register (3x)	0359	R	AV, 40359	10	%	AO function	Actual value output from analog input signal	
VentActual.A_AO_Auto_PreHeat	R	Input Register (3x)	0360	R	AV, 40360	10	%	AO function	Actual value preheater	4.3-1-00
VentActual.A_AO_Auto_Zone1Heat(0)	R	Input Register (3x)	0361	R	AV, 40361	10	%	AO function	Actual value heating zone 1	4.3-1-00
VentActual.A_AO_Auto_Zone2Heat	R	Input Register (3x)	0362	R	AV, 40362	10	%	AO function	Actual value heating zone 2	4.3-1-00
VentActual.A_AO_Auto_Zone3Heat	R	Input Register (3x)	0363	R	AV, 40363	10	%	AO function	Actual value heating zone 3	4.3-1-00
VentActual.A_AO_Auto_Zone1Cool(0)	R	Input Register (3x)	0364	R	AV, 40364	10	%	AO function	Actual value cooling zone 1	4.3-1-00
VentActual.A_AO_Auto_Zone2Cool	R	Input Register (3x)	0365	R	AV, 40365	10	%	AO function	Actual value cooling zone 2	4.3-1-00
VentActual.A_AO_Auto_Zone3Cool	R	Input Register (3x)	0366	R	AV, 40366	10	%	AO function	Actual value cooling zone 3	4.3-1-00
VentActual.A_AO_Auto_EATRControl	R	Input Register (3x)	0367	R	AV, 40367	10	%	AO function	Actual value EATR control	4.5-1-00
VentActual.A_AnalogOutput(1)	R	Input Register (3x)	0370	R	AV, 40370	10	V	Analogue output	Raw value AO1	
VentActual.A_AnalogOutput(2)	R	Input Register (3x)	0371	R	AV, 40371	10	V	Analogue output	Raw value AO2	
VentActual.A_AnalogOutput(3)	R	Input Register (3x)	0372	R	AV, 40372	10	V	Analogue output	Raw value AO3	
VentActual.A_AnalogOutput(4)	R	Input Register (3x)	0373	R	AV, 40373	10	V	Analogue output	Raw value AO4	
VentActual.A_AnalogOutput(5)	R	Input Register (3x)	0374	R	AV, 40374	10	V	Analogue output	Raw value AO5	
VentActual.A_AnalogOutputExp1(1)	R	Input Register (3x)	0375	R	AV, 40375	10	V	Analogue output	Raw value exp.unit 1 AO1	
VentActual.A_AnalogOutputExp1(2)	R	Input Register (3x)	0376	R	AV, 40376	10	V	Analogue output	Raw value exp.unit 1 AO2	
VentActual.A_AnalogOutputExp1(3)	R	Input Register (3x)	0377	R	AV, 40377	10	V	Analogue output	Raw value exp.unit 1 AO3	
VentActual.A_AnalogOutputExp1(4)	R	Input Register (3x)	0378	R	AV, 40378	10	V	Analogue output	Raw value exp.unit 1 AO4	
VentActual.A_AnalogOutputExp1(5)	R	Input Register (3x)	0379	R	AV, 40379	10	V	Analogue output	Raw value exp.unit 1 AO5	
VentActual.A_AnalogOutputExp2(1)	R	Input Register (3x)	0380	R	AV, 40380	10	V	Analogue output	Raw value exp.unit 2 AO1	
VentActual.A_AnalogOutputExp2(2)	R	Input Register (3x)	0381	R	AV, 40381	10	V	Analogue output	Raw value exp.unit 2 AO2	
VentActual.A_AnalogOutputExp2(3)	R	Input Register (3x)	0382	R	AV, 40382	10	V	Analogue output	Raw value exp.unit 2 AO3	
VentActual.A_AnalogOutputExp2(4)	R	Input Register (3x)	0383	R	AV, 40383	10	V	Analogue output	Raw value exp.unit 2 AO4	
VentActual.A_AnalogOutputExp2(5)	R	Input Register (3x)	0384	R	AV, 40384	10	V	Analogue output	Raw value exp.unit 2 AO5	
VentActual.A_AnalogOutput(6)	R	Input Register (3x)	0385	R	AV, 40385	10	V	Analogue output	Raw value AO6	4.4-1-00
VentActual.A_Efficiency	R	Input Register (3x)	0395	R	AV, 40395	10	%	AI function	Calculated temperature efficiency exchanger	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_UnitMode	X	Input Register (3x)	0396	R	MSV, 40396	1	-	Unit information	Actual unit mode Modbus 0=Stop 1=Starting up 2=Low speed 3=Normal speed 4=High speed 5=Support heating 6=Support cooling 7=CO_2 8=Free cooling 9=Cool down 10=Fire 11=Smoke 12=Recirculation 13=Defrosting Bacnet +1 offset for corresponding Modbus	
VentActual.A_UnitModeControl	X	Input Register (3x)	0397	R	MSV, 40397	1		Unit information	Indicates what is triggering the current run mode Modbus 1=Time schedule 2=Manual run 3=Digital Input 4=Alarm 5=External control 6=Service stop Bacnet +1 offset for corresponding Modbus	
VentActual.A_ActiveSeqType	X	Input Register (3x)	0398	R	MSV, 40398	1	-	Unit information	Active seq. type Modbus 0 =Heating 1 =Cooling Bacnet +1 offset for corresponding Modbus	
VentActual.A_ActiveHeatSeqStep	X	Input Register (3x)	0399	R	AV, 40399	1	-	Unit information	Active heat sequence	
VentActual.A_ActiveCoolSeqStep	X	Input Register (3x)	0400	R	AV, 40400	1	-	Unit information	Active cool sequence	
VentActual.A_ActiveYSeq	X	Input Register (3x)	0401	R	AV, 40401	1	-	Unit information	Active sequence (SEQ-A to SEQ-J) 1=SEQ-A … 10=SEQ-J	
VentActual.A_SAFRunTime	R	Input Register (3x)	0402	R	AV, 40402	10	-	Unit information	Total run time supply air fan (hours)	
VentActual.A_EAFRunTime	R	Input Register (3x)	0403	R	AV, 40403	10	-	Unit information	Total run time extract air fan (hours)	
VentActual.A_DeIcingTime	X	Input Register (3x)	0404	R	AV, 40404	1		Unit information	Run time in defrosting mode (minutes)	
VentActual.A_NeedRunTime	I	Input Register (3x)	0405	R	AV, 40405	1		Unit information	Run time in support control mode (minutes)	
VentActual.A_CO2RunTime	I	Input Register (3x)	0406	R	AV, 40406	1		Unit information	Run time in CO_2 mode (minutes)	
VentActual.A_Y1Sequence	R	Input Register (3x)	0408	R	AV, 40408	10	%	PID output	Control signal sequence-A	
VentActual.A_Y2Sequence	R	Input Register (3x)	0409	R	AV, 40409	10	%	PID output	Control signal sequence-B	
VentActual.A_Y3Sequence	R	Input Register (3x)	0410	R	AV, 40410	10	%	PID output	Control signal sequence-C	
VentActual.A_Y4Sequence	R	Input Register (3x)	0411	R	AV, 40411	10	%	PID output	Control signal sequence-D	

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VentActual.A_Y5Sequence	R	Input Register (3x)	0412	R	AV, 40412	10	%	PID output	Control signal sequence-E	
VentActual.A_Y6Sequence	R	Input Register (3x)	0413	R	AV, 40413	10	%	PID output	Control signal sequence-F	
VentActual.A_Y7Sequence	R	Input Register (3x)	0414	R	AV, 40414	10	%	PID output	Control signal sequence-G	
VentActual.A_Y8Sequence	R	Input Register (3x)	0415	R	AV, 40415	10	%	PID output	Control signal sequence-H	
VentActual.A_Y9Sequence	R	Input Register (3x)	0416	R	AV, 40416	10	%	PID output	Control signal sequence-I	
VentActual.A_Y10Sequence	R	Input Register (3x)	0417	R	AV, 40417	10	%	PID output	Control signal sequence-J	
VentActual.A_SAF	R	Input Register (3x)	0418	R	AV, 40418	10	%	PID output	Control signal supply air fan	
VentActual.A_EAF	R	Input Register (3x)	0419	R	AV, 40419	10	%	PID output	Control signal extract air fan	
VentActual.A_SAFSpeed	X	Input Register (3x)	0420	R	MSV, 40420	1	-	Unit information	Actual level supply air fan Modbus 0=Off 1=Low speed 2=Normal speed 3=High speed 4=Manual setpoint 5=Manual output Bacnet +1 offset for corresponding Modbus	
VentActual.A_EAFSpeed	X	Input Register (3x)	0421	R	MSV, 40421	1	-	Unit information	Actual level extract air fan (See signal list for A_SAFSpeed)	
VentActual.A_CompLowSpeedSAF(0)	R	Input Register (3x)	0422	R	AV, 40422	10	P	Unit information	Pressure/flow compensation low speed supply air fan	
VentActual.A_CompNormalSpeedSAF	R	Input Register (3x)	0423	R	AV, 40423	10	P	Unit information	Pressure/flow compensation normal speed supply air fan	
VentActual.A_CompHighSpeedSAF	R	Input Register (3x)	0424	R	AV, 40424	10	P	Unit information	Pressure/flow compensation high speed supply air fan	
VentActual.A_CompLowSpeedEAF(0)	R	Input Register (3x)	0425	R	AV, 40425	10	P	Unit information	Pressure/flow compensation low speed extract air fan	
VentActual.A_CompNormalSpeedEAF	R	Input Register (3x)	0426	R	AV, 40426	10	P	Unit information	Pressure/flow compensation normal speed extract air fan	
VentActual.A_CompHighSpeedEAF	R	Input Register (3x)	0427	R	AV, 40427	10	P	Unit information	Pressure/flow compensation high speed extract air fan	
VentActual.A_AlarmACount(0)	X	Input Register (3x)	0428	R	AV, 40428	1	-	Unit information	Number of unacknowledged A-alarms	
VentActual.A_AlarmBCount	X	Input Register (3x)	0429	R	AV, 40429	1	-	Unit information	Number of unacknowledged B-alarms	
VentActual.A_AlarmCCount	X	Input Register (3x)	0430	R	AV, 40430	1	-	Unit information	Number of unacknowledged C-alarms	
VentActual.A_SumAlarm1Count(0)	X	Input Register (3x)	0431	R	AV, 40431	1		Unit information	Number of SumAlarm1 alarms	
VentActual.A_SumAlarm2Count	X	Input Register (3x)	0432	R	AV, 40432	1		Unit information	Number of SumAlarm2 alarms	
VentActual.A_SupplyPID_SetP	R	Input Register (3x)	0433	R	AV, 40433	10	T	PID Setpoint	Actual setpoint supply air temperature	
VentActual.A_SAFPID_SetP	R	Input Register (3x)	0434	R	AV, 40434	10	P/Q	PID Setpoint	Actual setpoint supply air fan	
VentActual.A_EAFPID_SetP	R	Input Register (3x)	0435	R	AV, 40435	10	P/Q	PID Setpoint	Actual setpoint extract air fan	
VentActual.A_FrostPID1_Output(0)	R	Input Register (3x)	0436	R	AV, 40436	10	%	PID output	Control signal frost protection 1	
VentActual.A_FrostPID2_Output	R	Input Register (3x)	0437	R	AV, 40437	10	%	PID output	Control signal frost protection 2	
VentActual.A_FrostPID3_Output	R	Input Register (3x)	0438	R	AV, 40438	10	%	PID output	Control signal frost protection 3	
VentActual.A_CO2PID_Output	R	Input Register (3x)	0439	R	AV, 40439	10	%	PID output	Control signal CO_2	
VentActual.A_DeIcePID_Output	R	Input Register (3x)	0440	R	AV, 40440	10	%	PID output	Control signal defrosting	
VentActual.A_HumidityPID_Output	R	Input Register (3x)	0441	R	AV, 40441	10	%	PID output	Control signal humidity	
VentActual.A_SFP	R	Input Register (3x)	0443	R	AV, 40443	10	-	Unit information	Actual SFP	
VentActual.A_SFPDay	R	Input Register (3x)	0444	R	AV, 40444	10	-	Unit information	Average SFP (day)	
VentActual.A_SFPMonth	R	Input Register (3x)	0445	R	AV, 40445	10	-	Unit information	Average SFP (30 days)	
VentComActual.CA_MotorSpeedHzSAF(1)	R	Input Register (3x)	0446	R	AV, 40446	10	Hz	Fan data	Motor speed frequency supply air fan 1	
VentComActual.CA_MotorSpeedHzSAF(2)	R	Input Register (3x)	0447	R	AV, 40447	10	Hz	Fan data	Motor speed frequency supply air fan 2	
VentComActual.CA_MotorSpeedHzSAF(3)	R	Input Register (3x)	0448	R	AV, 40448	10	Hz	Fan data	Motor speed frequency supply air fan 3	
VentComActual.CA_MotorSpeedHzSAF(4)	R	Input Register (3x)	0449	R	AV, 40449	10	Hz	Fan data	Motor speed frequency supply air fan 4	
VentComActual.CA_MotorSpeedHzSAF(5)	R	Input Register (3x)	0450	R	AV, 40450	10	Hz	Fan data	Motor speed frequency supply air fan 5	
VentComActual.CA_MotorSpeedHzEAF(1)	R	Input Register (3x)	0451	R	AV, 40451	10	Hz	Fan data	Motor speed frequency extract air fan 1	

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Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentComActual.CA_MotorSpeedHzEAF(2)	R	Input Register (3x)	0452	R	AV, 40452	10	Hz	Fan data	Motor speed frequency extract air fan 2	
VentComActual.CA_MotorSpeedHzEAF(3)	R	Input Register (3x)	0453	R	AV, 40453	10	Hz	Fan data	Motor speed frequency extract air fan 3	
VentComActual.CA_MotorSpeedHzEAF(4)	R	Input Register (3x)	0454	R	AV, 40454	10	Hz	Fan data	Motor speed frequency extract air fan 4	
VentComActual.CA_MotorSpeedHzEAF(5)	R	Input Register (3x)	0455	R	AV, 40455	10	Hz	Fan data	Motor speed frequency extract air fan 5	
VentComActual.CA_MotorSpeedRpmSAF(1)	R	Input Register (3x)	0456	R	AV, 40456	10	rpm	Fan data	Motor speed rpm supply air fan 1	
VentComActual.CA_MotorSpeedRpmSAF(2)	R	Input Register (3x)	0457	R	AV, 40457	10	rpm	Fan data	Motor speed rpm supply air fan 2	
VentComActual.CA_MotorSpeedRpmSAF(3)	R	Input Register (3x)	0458	R	AV, 40458	10	rpm	Fan data	Motor speed rpm supply air fan 3	
VentComActual.CA_MotorSpeedRpmSAF(4)	R	Input Register (3x)	0459	R	AV, 40459	10	rpm	Fan data	Motor speed rpm supply air fan 4	
VentComActual.CA_MotorSpeedRpmSAF(5)	R	Input Register (3x)	0460	R	AV, 40460	10	rpm	Fan data	Motor speed rpm supply air fan 5	
VentComActual.CA_MotorSpeedRpmEAF(1)	R	Input Register (3x)	0461	R	AV, 40461	10	rpm	Fan data	Motor speed rpm extract air fan 1	
VentComActual.CA_MotorSpeedRpmEAF(2)	R	Input Register (3x)	0462	R	AV, 40462	10	rpm	Fan data	Motor speed rpm extract air fan 2	
VentComActual.CA_MotorSpeedRpmEAF(3)	R	Input Register (3x)	0463	R	AV, 40463	10	rpm	Fan data	Motor speed rpm extract air fan 3	
VentComActual.CA_MotorSpeedRpmEAF(4)	R	Input Register (3x)	0464	R	AV, 40464	10	rpm	Fan data	Motor speed rpm extract air fan 4	
VentComActual.CA_MotorSpeedRpmEAF(5)	R	Input Register (3x)	0465	R	AV, 40465	10	rpm	Fan data	Motor speed rpm extract air fan 5	
VentComActual.CA_MotorCurrentSAF(1)	R	Input Register (3x)	0466	R	AV, 40466	10	A	Fan data	Motor current supply air fan 1	
VentComActual.CA_MotorCurrentSAF(2)	R	Input Register (3x)	0467	R	AV, 40467	10	A	Fan data	Motor current supply air fan 2	
VentComActual.CA_MotorCurrentSAF(3)	R	Input Register (3x)	0468	R	AV, 40468	10	A	Fan data	Motor current supply air fan 3	
VentComActual.CA_MotorCurrentSAF(4)	R	Input Register (3x)	0469	R	AV, 40469	10	A	Fan data	Motor current supply air fan 4	
VentComActual.CA_MotorCurrentSAF(5)	R	Input Register (3x)	0470	R	AV, 40470	10	A	Fan data	Motor current supply air fan 5	
VentComActual.CA_MotorCurrentEAF(1)	R	Input Register (3x)	0471	R	AV, 40471	10	A	Fan data	Motor current extract air fan 1	
VentComActual.CA_MotorCurrentEAF(2)	R	Input Register (3x)	0472	R	AV, 40472	10	A	Fan data	Motor current extract air fan 2	
VentComActual.CA_MotorCurrentEAF(3)	R	Input Register (3x)	0473	R	AV, 40473	10	A	Fan data	Motor current extract air fan 3	
VentComActual.CA_MotorCurrentEAF(4)	R	Input Register (3x)	0474	R	AV, 40474	10	A	Fan data	Motor current extract air fan 4	
VentComActual.CA_MotorCurrentEAF(5)	R	Input Register (3x)	0475	R	AV, 40475	10	A	Fan data	Motor current extract air fan 5	
VentComActual.CA_MotorPowerSAF(1)	R	Input Register (3x)	0476	R	AV, 40476	10		Fan data	Motor power supply air fan 1	
VentComActual.CA_MotorPowerSAF(2)	R	Input Register (3x)	0477	R	AV, 40477	10		Fan data	Motor power supply air fan 2	
VentComActual.CA_MotorPowerSAF(3)	R	Input Register (3x)	0478	R	AV, 40478	10		Fan data	Motor power supply air fan 3	
VentComActual.CA_MotorPowerSAF(4)	R	Input Register (3x)	0479	R	AV, 40479	10		Fan data	Motor power supply air fan 4	
VentComActual.CA_MotorPowerSAF(5)	R	Input Register (3x)	0480	R	AV, 40480	10		Fan data	Motor power supply air fan 5	
VentComActual.CA_MotorPowerEAF(1)	R	Input Register (3x)	0481	R	AV, 40481	10		Fan data	Motor power extract air fan 1	
VentComActual.CA_MotorPowerEAF(2)	R	Input Register (3x)	0482	R	AV, 40482	10		Fan data	Motor power extract air fan 2	
VentComActual.CA_MotorPowerEAF(3)	R	Input Register (3x)	0483	R	AV, 40483	10		Fan data	Motor power extract air fan 3	
VentComActual.CA_MotorPowerEAF(4)	R	Input Register (3x)	0484	R	AV, 40484	10		Fan data	Motor power extract air fan 4	
VentComActual.CA_MotorPowerEAF(5)	R	Input Register (3x)	0485	R	AV, 40485	10		Fan data	Motor power extract air fan 5	
VentComActual.CA_ActiveFaultSAF(1)	I	Input Register (3x)	0486	R	AV, 40486	1		Fan data	Error code supply air fan 1	
VentComActual.CA_ActiveFaultSAF(2)	I	Input Register (3x)	0487	R	AV, 40487	1		Fan data	Error code supply air fan 2	
VentComActual.CA_ActiveFaultSAF(3)	I	Input Register (3x)	0488	R	AV, 40488	1		Fan data	Error code supply air fan 3	
VentComActual.CA_ActiveFaultSAF(4)	I	Input Register (3x)	0489	R	AV, 40489	1		Fan data	Error code supply air fan 4	
VentComActual.CA_ActiveFaultSAF(5)	I	Input Register (3x)	0490	R	AV, 40490	1		Fan data	Error code supply air fan 5	
VentComActual.CA_ActiveFaultEAF(1)	I	Input Register (3x)	0491	R	AV, 40491	1		Fan data	Error code extract air fan 1	
VentComActual.CA_ActiveFaultEAF(2)	I	Input Register (3x)	0492	R	AV, 40492	1		Fan data	Error code extract air fan 2	
VentComActual.CA_ActiveFaultEAF(3)	I	Input Register (3x)	0493	R	AV, 40493	1		Fan data	Error code extract air fan 3	
VentComActual.CA_ActiveFaultEAF(4)	I	Input Register (3x)	0494	R	AV, 40494	1		Fan data	Error code extract air fan 4	
VentComActual.CA_ActiveFaultEAF(5)	I	Input Register (3x)	0495	R	AV, 40495	1		Fan data	Error code extract air fan 5	
VentComActual.CA_ActualSpeedSAF(1)	R	Input Register (3x)	0496	R	AV, 40496	10		Fan data	Actual speed supply air fan 1	
VentComActual.CA_ActualSpeedSAF(2)	R	Input Register (3x)	0497	R	AV, 40497	10		Fan data	Actual speed supply air fan 2	
VentComActual.CA_ActualSpeedSAF(3)	R	Input Register (3x)	0498	R	AV, 40498	10		Fan data	Actual speed supply air fan 3	
VentComActual.CA_ActualSpeedSAF(4)	R	Input Register (3x)	0499	R	AV, 40499	10		Fan data	Actual speed supply air fan 4	
VentComActual.CA_ActualSpeedSAF(5)	R	Input Register (3x)	0500	R	AV, 40500	10		Fan data	Actual speed supply air fan 5	

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Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentComActual.CA_ActualSpeedEAF(1)	R	Input Register (3x)	0501	R	AV, 40501	10		Fan data	Actual speed extract air fan 1	
VentComActual.CA_ActualSpeedEAF(2)	R	Input Register (3x)	0502	R	AV, 40502	10		Fan data	Actual speed extract air fan 2	
VentComActual.CA_ActualSpeedEAF(3)	R	Input Register (3x)	0503	R	AV, 40503	10		Fan data	Actual speed extract air fan 3	
VentComActual.CA_ActualSpeedEAF(4)	R	Input Register (3x)	0504	R	AV, 40504	10		Fan data	Actual speed extract air fan 4	
VentComActual.CA_ActualSpeedEAF(5)	R	Input Register (3x)	0505	R	AV, 40505	10		Fan data	Actual speed extract air fan 5	
VentComActual.CA_AccumPowerSAF(1)	R	Input Register (3x)	0506	R	AV, 40506	10		Fan data	Accumulated power supply air fan 1	
VentComActual.CA_AccumPowerSAF(2)	R	Input Register (3x)	0507	R	AV, 40507	10		Fan data	Accumulated power supply air fan 2	
VentComActual.CA_AccumPowerSAF(3)	R	Input Register (3x)	0508	R	AV, 40508	10		Fan data	Accumulated power supply air fan 3	
VentComActual.CA_AccumPowerSAF(4)	R	Input Register (3x)	0509	R	AV, 40509	10		Fan data	Accumulated power supply air fan 4	
VentComActual.CA_AccumPowerSAF(5)	R	Input Register (3x)	0510	R	AV, 40510	10		Fan data	Accumulated power supply air fan 5	
VentComActual.CA_AccumPowerEAF(1)	R	Input Register (3x)	0511	R	AV, 40511	10		Fan data	Accumulated power extract air fan 1	
VentComActual.CA_AccumPowerEAF(2)	R	Input Register (3x)	0512	R	AV, 40512	10		Fan data	Accumulated power extract air fan 2	
VentComActual.CA_AccumPowerEAF(3)	R	Input Register (3x)	0513	R	AV, 40513	10		Fan data	Accumulated power extract air fan 3	
VentComActual.CA_AccumPowerEAF(4)	R	Input Register (3x)	0514	R	AV, 40514	10		Fan data	Accumulated power extract air fan 4	
VentComActual.CA_AccumPowerEAF(5)	R	Input Register (3x)	0515	R	AV, 40515	10		Fan data	Accumulated power extract air fan 5	
VentComActual.CA_VVXFault	I	Input Register (3x)	0516	R	AV, 40516	1		Exchanger data	Error code exchanger	
VentComActual.CA_DamperActPos(1)	R	Input Register (3x)	0517	R	AV, 40517	10	%	Damper data	Actual position damper 1	
VentComActual.CA_DamperActPos(2)	R	Input Register (3x)	0518	R	AV, 40518	10	%	Damper data	Actual position damper 2	
VentComActual.CA_DamperActPos(3)	R	Input Register (3x)	0519	R	AV, 40519	10	%	Damper data	Actual position damper 3	
VentComActual.CA_DamperActPos(4)	R	Input Register (3x)	0520	R	AV, 40520	10	%	Damper data	Actual position damper 4	
VentComActual.CA_DamperActPos(5)	R	Input Register (3x)	0521	R	AV, 40521	10	%	Damper data	Actual position damper 5	
VentComActual.CA_DamperFault(1)	I	Input Register (3x)	0522	R	AV, 40522	1		Damper data	Error code damper 1	
VentComActual.CA_DamperFault(2)	I	Input Register (3x)	0523	R	AV, 40523	1		Damper data	Error code damper 2	
VentComActual.CA_DamperFault(3)	I	Input Register (3x)	0524	R	AV, 40524	1		Damper data	Error code damper 3	
VentComActual.CA_DamperFault(4)	I	Input Register (3x)	0525	R	AV, 40525	1		Damper data	Error code damper 4	
VentComActual.CA_DamperFault(5)	I	Input Register (3x)	0526	R	AV, 40526	1		Damper data	Error code damper 5	
VentActual.A_EnergyFanPwr	R	Input Register (3x)	0527	R	AV, 40527	10		Energy insight	Actual power usage for all fans	4.1-1-00
VentActual.A_EnergyHeaterPwr	R	Input Register (3x)	0528	R	AV, 40528	10		Energy insight	Actual power usage for water heater	4.1-1-00
VentActual.A_EnergyExchangerPwr	R	Input Register (3x)	0529	R	AV, 40529	10		Energy insight	Actual power recovery for exchanger	4.1-1-00
VentActual.A_AI_Zone1FrostprotTemp(0)	R	Input Register (3x)	0530	R	AV, 40530	10	T	AI function	Actual value freeze protection temperature zone 1	4.3-1-00
VentActual.A_AI_Zone2FrostprotTemp	R	Input Register (3x)	0531	R	AV, 40531	10	T	AI function	Actual value freeze protection temperature zone 2	4.3-1-00
VentActual.A_AI_Zone3FrostprotTemp	R	Input Register (3x)	0532	R	AV, 40532	10	T	AI function	Actual value freeze protection temperature zone 3	4.3-1-00
VentActual.A_AI_SAFFlow	R	Input Register (3x)	0533	R		1	Q	AI function	Actual value supply air flow (32-bit float)	4.3-1-00
VentActual.A_AI_EAFFlow	R	Input Register (3x)	0535	R		1	Q	AI function	Actual value extract air flow (32-bit float)	4.3-1-00
VentActual.A_AI_ExchAirFlowSAF	R	Input Register (3x)	0537	R		1	Q	AI function	Calculated flow exchanger supply air (32-bit float)	4.3-1-00
VentComActual.CA_MotorSpeedHzSAF(6)	R	Input Register (3x)	0539	R	AV, 40539	10		Fan data	Motor speed frequency supply air fan 6	4.3-1-00
VentComActual.CA_MotorSpeedHzSAF(7)	R	Input Register (3x)	0540	R	AV, 40540	10		Fan data	Motor speed frequency supply air fan 7	4.3-1-00
VentComActual.CA_MotorSpeedHzSAF(8)	R	Input Register (3x)	0541	R	AV, 40541	10		Fan data	Motor speed frequency supply air fan 8	4.3-1-00
VentComActual.CA_MotorSpeedHzEAF(6)	R	Input Register (3x)	0542	R	AV, 40542	10		Fan data	Motor speed frequency extract air fan 6	4.3-1-00
VentComActual.CA_MotorSpeedHzEAF(7)	R	Input Register (3x)	0543	R	AV, 40543	10		Fan data	Motor speed frequency extract air fan 7	4.3-1-00
VentComActual.CA_MotorSpeedHzEAF(8)	R	Input Register (3x)	0544	R	AV, 40544	10		Fan data	Motor speed frequency extract air fan 8	4.3-1-00
VentComActual.CA_MotorSpeedRpmSAF(6)	R	Input Register (3x)	0545	R	AV, 40545	10		Fan data	Motor speed rpm supply air fan 6	4.3-1-00
VentComActual.CA_MotorSpeedRpmSAF(7)	R	Input Register (3x)	0546	R	AV, 40546	10		Fan data	Motor speed rpm supply air fan 7	4.3-1-00
VentComActual.CA_MotorSpeedRpmSAF(8)	R	Input Register (3x)	0547	R	AV, 40547	10		Fan data	Motor speed rpm supply air fan 8	4.3-1-00
VentComActual.CA_MotorSpeedRpmEAF(6)	R	Input Register (3x)	0548	R	AV, 40548	10		Fan data	Motor speed rpm extract air fan 6	4.3-1-00
VentComActual.CA_MotorSpeedRpmEAF(7)	R	Input Register (3x)	0549	R	AV, 40549	10		Fan data	Motor speed rpm extract air fan 7	4.3-1-00
VentComActual.CA_MotorSpeedRpmEAF(8)	R	Input Register (3x)	0550	R	AV, 40550	10		Fan data	Motor speed rpm extract air fan 8	4.3-1-00
VentComActual.CA_MotorCurrentSAF(6)	R	Input Register (3x)	0551	R	AV, 40551	10		Fan data	Motor current supply air fan 6	4.3-1-00
VentComActual.CA_MotorCurrentSAF(7)	R	Input Register (3x)	0552	R	AV, 40552	10		Fan data	Motor current supply air fan 7	4.3-1-00

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentComActual.CA_MotorCurrentSAF(8)	R	Input Register (3x)	0553	R	AV, 40553	10		Fan data	Motor current supply air fan 8	4.3-1-00
VentComActual.CA_MotorCurrentEAF(6)	R	Input Register (3x)	0554	R	AV, 40554	10		Fan data	Motor current extract air fan 6	4.3-1-00
VentComActual.CA_MotorCurrentEAF(7)	R	Input Register (3x)	0555	R	AV, 40555	10		Fan data	Motor current extract air fan 7	4.3-1-00
VentComActual.CA_MotorCurrentEAF(8)	R	Input Register (3x)	0556	R	AV, 40556	10		Fan data	Motor current extract air fan 8	4.3-1-00
VentComActual.CA_MotorPowerSAF(6)	R	Input Register (3x)	0557	R	AV, 40557	10		Fan data	Motor power supply air fan 6	4.3-1-00
VentComActual.CA_MotorPowerSAF(7)	R	Input Register (3x)	0558	R	AV, 40558	10		Fan data	Motor power supply air fan 7	4.3-1-00
VentComActual.CA_MotorPowerSAF(8)	R	Input Register (3x)	0559	R	AV, 40559	10		Fan data	Motor power supply air fan 8	4.3-1-00
VentComActual.CA_MotorPowerEAF(6)	R	Input Register (3x)	0560	R	AV, 40560	10		Fan data	Motor power extract air fan 6	4.3-1-00
VentComActual.CA_MotorPowerEAF(7)	R	Input Register (3x)	0561	R	AV, 40561	10		Fan data	Motor power extract air fan 7	4.3-1-00
VentComActual.CA_MotorPowerEAF(8)	R	Input Register (3x)	0562	R	AV, 40562	10		Fan data	Motor power extract air fan 8	4.3-1-00
VentComActual.CA_ActiveFaultSAF(6)	I	Input Register (3x)	0563	R	AV, 40563	1		Fan data	Error code supply air fan 6	4.3-1-00
VentComActual.CA_ActiveFaultSAF(7)	I	Input Register (3x)	0564	R	AV, 40564	1		Fan data	Error code supply air fan 7	4.3-1-00
VentComActual.CA_ActiveFaultSAF(8)	I	Input Register (3x)	0565	R	AV, 40565	1		Fan data	Error code supply air fan 8	4.3-1-00
VentComActual.CA_ActiveFaultEAF(6)	I	Input Register (3x)	0566	R	AV, 40566	1		Fan data	Error code extract air fan 6	4.3-1-00
VentComActual.CA_ActiveFaultEAF(7)	I	Input Register (3x)	0567	R	AV, 40567	1		Fan data	Error code extract air fan 7	4.3-1-00
VentComActual.CA_ActiveFaultEAF(8)	I	Input Register (3x)	0568	R	AV, 40568	1		Fan data	Error code extract air fan 8	4.3-1-00
VentComActual.CA_ActualSpeedSAF(6)	R	Input Register (3x)	0569	R	AV, 40569	10		Fan data	Actual speed supply air fan 6	4.3-1-00
VentComActual.CA_ActualSpeedSAF(7)	R	Input Register (3x)	0570	R	AV, 40570	10		Fan data	Actual speed supply air fan 7	4.3-1-00
VentComActual.CA_ActualSpeedSAF(8)	R	Input Register (3x)	0571	R	AV, 40571	10		Fan data	Actual speed supply air fan 8	4.3-1-00
VentComActual.CA_ActualSpeedEAF(6)	R	Input Register (3x)	0572	R	AV, 40572	10		Fan data	Actual speed extract air fan 6	4.3-1-00
VentComActual.CA_ActualSpeedEAF(7)	R	Input Register (3x)	0573	R	AV, 40573	10		Fan data	Actual speed extract air fan 7	4.3-1-00
VentComActual.CA_ActualSpeedEAF(8)	R	Input Register (3x)	0574	R	AV, 40574	10		Fan data	Actual speed extract air fan 8	4.3-1-00
VentComActual.CA_AccumPowerSAF(6)	R	Input Register (3x)	0575	R	AV, 40575	10		Fan data	Accumulated power supply air fan 6	4.3-1-00
VentComActual.CA_AccumPowerSAF(7)	R	Input Register (3x)	0576	R	AV, 40576	10		Fan data	Accumulated power supply air fan 7	4.3-1-00
VentComActual.CA_AccumPowerSAF(8)	R	Input Register (3x)	0577	R	AV, 40577	10		Fan data	Accumulated power supply air fan 8	4.3-1-00
VentComActual.CA_AccumPowerEAF(6)	R	Input Register (3x)	0578	R	AV, 40578	10		Fan data	Accumulated power extract air fan 6	4.3-1-00
VentComActual.CA_AccumPowerEAF(7)	R	Input Register (3x)	0579	R	AV, 40579	10		Fan data	Accumulated power extract air fan 7	4.3-1-00
VentComActual.CA_AccumPowerEAF(8)	R	Input Register (3x)	0580	R	AV, 40580	10		Fan data	Accumulated power extract air fan 8	4.3-1-00
VentActual.A_SupplyPID_SetP_Cool	R	Input Register (3x)	0581	R	AV, 40581	10	T	Unit information	Cooling setpoint supply air temperature	4.3-1-00
VentActual.A_SupplyPID_SetP_Heat	R	Input Register (3x)	0582	R	AV, 40582	10	T	Unit information	Heating setpoint supply air temperature	4.3-1-00
VentActual.A_DeHumidity_SetP	R	Input Register (3x)	0583	R	AV, 40583	10	%RH	Unit information	Dehumidification setpoint	4.3-1-00
VentActual.A_Humidity_SetP	R	Input Register (3x)	0584	R	AV, 40584	10	%RH	Unit information	Humidification setpoint	4.3-1-00
VentActual.A_HumidityMode	X	Input Register (3x)	0585	R	MSV, 40585	1		Unit information	Humidity control mode Modbus 0=Not active 1=Humidification 2=Dehumidification Bacnet +1 offset for corresponding Modbus	4.3-1-00
VentActual.A_AI_FeedbackCoolerValve	R	Input Register (3x)	0586	R	AV, 40586	10	%	AI function	Actual value position feedback cooler valve	4.6-1-00
VentActual.A_AI_FeedbackOutdoorAirDamper	R	Input Register (3x)	0587	R	AV, 40587	10	%	AI function	Actual value position feedback outdoor air damper	4.6-1-00
VentActual.A_AI_FeedbackRecircAirDamper	R	Input Register (3x)	0588	R	AV, 40588	10	%	AI function	Actual value position feedback recirculation damper	4.6-1-00
VentActual.A_AI_EATRDPT	R	Input Register (3x)	0589	R		10	Pa	AI function	Actual value pressure EATR	4.5-1-00
VentComActual.CA_DCVoltageSAF(1)	R	Input Register (3x)	0590	R	AV, 40590	10	V	Fan data	DC-link voltage, Supply air fan 1	4.6-1-00
VentComActual.CA_DCVoltageSAF(2)	R	Input Register (3x)	0591	R	AV, 40591	10	V	Fan data	DC-link voltage, Supply air fan 2	4.6-1-00
VentComActual.CA_DCVoltageSAF(3)	R	Input Register (3x)	0592	R	AV, 40592	10	V	Fan data	DC-link voltage, Supply air fan 3	4.6-1-00
VentComActual.CA_DCVoltageSAF(4)	R	Input Register (3x)	0593	R	AV, 40593	10	V	Fan data	DC-link voltage, Supply air fan 4	4.6-1-00
VentComActual.CA_DCVoltageSAF(5)	R	Input Register (3x)	0594	R	AV, 40594	10	V	Fan data	DC-link voltage, Supply air fan 5	4.6-1-00
VentComActual.CA_DCVoltageSAF(6)	R	Input Register (3x)	0595	R	AV, 40595	10	V	Fan data	DC-link voltage, Supply air fan 6	4.6-1-00

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Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentComActual.CA_DCVoltageSAF(7)	R	Input Register (3x)	0596	R	AV, 40596	10	V	Fan data	DC-link voltage, Supply air fan 7	4.6-1-00
VentComActual.CA_DCVoltageSAF(8)	R	Input Register (3x)	0597	R	AV, 40597	10	V	Fan data	DC-link voltage, Supply air fan 8	4.6-1-00
VentComActual.CA_DCVoltageEAF(1)	R	Input Register (3x)	0598	R	AV, 40598	10	V	Fan data	DC-link voltage, Extract air fan 1	4.6-1-00
VentComActual.CA_DCVoltageEAF(2)	R	Input Register (3x)	0599	R	AV, 40599	10	V	Fan data	DC-link voltage, Extract air fan 2	4.6-1-00
VentComActual.CA_DCVoltageEAF(3)	R	Input Register (3x)	0600	R	AV, 40600	10	V	Fan data	DC-link voltage, Extract air fan 3	4.6-1-00
VentComActual.CA_DCVoltageEAF(4)	R	Input Register (3x)	0601	R	AV, 40601	10	V	Fan data	DC-link voltage, Extract air fan 4	4.6-1-00
VentComActual.CA_DCVoltageEAF(5)	R	Input Register (3x)	0602	R	AV, 40602	10	V	Fan data	DC-link voltage, Extract air fan 5	4.6-1-00
VentComActual.CA_DCVoltageEAF(6)	R	Input Register (3x)	0603	R	AV, 40603	10	V	Fan data	DC-link voltage, Extract air fan 6	4.6-1-00
VentComActual.CA_DCVoltageEAF(7)	R	Input Register (3x)	0604	R	AV, 40604	10	V	Fan data	DC-link voltage, Extract air fan 7	4.6-1-00
VentComActual.CA_DCVoltageEAF(8)	R	Input Register (3x)	0605	R	AV, 40605	10	V	Fan data	DC-link voltage, Extract air fan 8	4.6-1-00
VentComActual.CA_MotorTemperatureSAF(1)	R	Input Register (3x)	0606	R	AV, 40606	10	T	Fan data	Motor temperature, Supply air fan 1	4.6-1-00
VentComActual.CA_MotorTemperatureSAF(2)	R	Input Register (3x)	0607	R	AV, 40607	10	T	Fan data	Motor temperature, Supply air fan 2	4.6-1-00
VentComActual.CA_MotorTemperatureSAF(3)	R	Input Register (3x)	0608	R	AV, 40608	10	T	Fan data	Motor temperature, Supply air fan 3	4.6-1-00
VentComActual.CA_MotorTemperatureSAF(4)	R	Input Register (3x)	0609	R	AV, 40609	10	T	Fan data	Motor temperature, Supply air fan 4	4.6-1-00
VentComActual.CA_MotorTemperatureSAF(5)	R	Input Register (3x)	0610	R	AV, 40610	10	T	Fan data	Motor temperature, Supply air fan 5	4.6-1-00
VentComActual.CA_MotorTemperatureSAF(6)	R	Input Register (3x)	0611	R	AV, 40611	10	T	Fan data	Motor temperature, Supply air fan 6	4.6-1-00
VentComActual.CA_MotorTemperatureSAF(7)	R	Input Register (3x)	0612	R	AV, 40612	10	T	Fan data	Motor temperature, Supply air fan 7	4.6-1-00
VentComActual.CA_MotorTemperatureSAF(8)	R	Input Register (3x)	0613	R	AV, 40613	10	T	Fan data	Motor temperature, Supply air fan 8	4.6-1-00
VentComActual.CA_MotorTemperatureEAF(1)	R	Input Register (3x)	0614	R	AV, 40614	10	T	Fan data	Motor temperature, Extract air fan 1	4.6-1-00
VentComActual.CA_MotorTemperatureEAF(2)	R	Input Register (3x)	0615	R	AV, 40615	10	T	Fan data	Motor temperature, Extract air fan 2	4.6-1-00
VentComActual.CA_MotorTemperatureEAF(3)	R	Input Register (3x)	0616	R	AV, 40616	10	T	Fan data	Motor temperature, Extract air fan 3	4.6-1-00
VentComActual.CA_MotorTemperatureEAF(4)	R	Input Register (3x)	0617	R	AV, 40617	10	T	Fan data	Motor temperature, Extract air fan 4	4.6-1-00
VentComActual.CA_MotorTemperatureEAF(5)	R	Input Register (3x)	0618	R	AV, 40618	10	T	Fan data	Motor temperature, Extract air fan 5	4.6-1-00
VentComActual.CA_MotorTemperatureEAF(6)	R	Input Register (3x)	0619	R	AV, 40619	10	T	Fan data	Motor temperature, Extract air fan 6	4.6-1-00
VentComActual.CA_MotorTemperatureEAF(7)	R	Input Register (3x)	0620	R	AV, 40620	10	T	Fan data	Motor temperature, Extract air fan 7	4.6-1-00
VentComActual.CA_MotorTemperatureEAF(8)	R	Input Register (3x)	0621	R	AV, 40621	10	T	Fan data	Motor temperature, Extract air fan 8	4.6-1-00
VentComActual.CA_MotorRunHourSAF(1)	R	Input Register (3x)	0622	R	AV, 40622	1	h	Fan data	Run hours, Supply air fan 1	4.6-1-00
VentComActual.CA_MotorRunHourSAF(2)	R	Input Register (3x)	0623	R	AV, 40623	1	h	Fan data	Run hours, Supply air fan 2	4.6-1-00
VentComActual.CA_MotorRunHourSAF(3)	R	Input Register (3x)	0624	R	AV, 40624	1	h	Fan data	Run hours, Supply air fan 3	4.6-1-00
VentComActual.CA_MotorRunHourSAF(4)	R	Input Register (3x)	0625	R	AV, 40625	1	h	Fan data	Run hours, Supply air fan 4	4.6-1-00
VentComActual.CA_MotorRunHourSAF(5)	R	Input Register (3x)	0626	R	AV, 40626	1	h	Fan data	Run hours, Supply air fan 5	4.6-1-00
VentComActual.CA_MotorRunHourSAF(6)	R	Input Register (3x)	0627	R	AV, 40627	1	h	Fan data	Run hours, Supply air fan 6	4.6-1-00
VentComActual.CA_MotorRunHourSAF(7)	R	Input Register (3x)	0628	R	AV, 40628	1	h	Fan data	Run hours, Supply air fan 7	4.6-1-00
VentComActual.CA_MotorRunHourSAF(8)	R	Input Register (3x)	0629	R	AV, 40629	1	h	Fan data	Run hours, Supply air fan 8	4.6-1-00
VentComActual.CA_MotorRunHourEAF(1)	R	Input Register (3x)	0630	R	AV, 40630	1	h	Fan data	Run hours, Extract air fan 1	4.6-1-00
VentComActual.CA_MotorRunHourEAF(2)	R	Input Register (3x)	0631	R	AV, 40631	1	h	Fan data	Run hours, Extract air fan 2	4.6-1-00
VentComActual.CA_MotorRunHourEAF(3)	R	Input Register (3x)	0632	R	AV, 40632	1	h	Fan data	Run hours, Extract air fan 3	4.6-1-00
VentComActual.CA_MotorRunHourEAF(4)	R	Input Register (3x)	0633	R	AV, 40633	1	h	Fan data	Run hours, Extract air fan 4	4.6-1-00
VentComActual.CA_MotorRunHourEAF(5)	R	Input Register (3x)	0634	R	AV, 40634	1	h	Fan data	Run hours, Extract air fan 5	4.6-1-00
VentComActual.CA_MotorRunHourEAF(6)	R	Input Register (3x)	0635	R	AV, 40635	1	h	Fan data	Run hours, Extract air fan 6	4.6-1-00
VentComActual.CA_MotorRunHourEAF(7)	R	Input Register (3x)	0636	R	AV, 40636	1	h	Fan data	Run hours, Extract air fan 7	4.6-1-00
VentComActual.CA_MotorRunHourEAF(8)	R	Input Register (3x)	0637	R	AV, 40637	1	h	Fan data	Run hours, Extract air fan 8	4.6-1-00
VentActual.A_IndoorEnthalpy	R	Input Register (3x)	0638	R	AV, 40638	1		Unit information	Indoor entalphy	4.6-1-00
VentActual.A_OutdoorEnthalpy	R	Input Register (3x)	0639	R	AV, 40639	1		Unit information	Outdoor entalphy	4.6-1-00
VentActual.A_EnthalpyDiff	X	Input Register (3x)	0640	R	AV, 40640	1		Unit information	Is set when outdoor enthalpy > indoor enthalpy	4.6-1-00
VentActual.A_AI_ExtraSensor1(0)	R	Input Register (3x)	0641	R		1		AI function	Actual value extra sensor 1 (32-bit float)	4.6-1-00
VentActual.A_AI_ExtraSensor2	R	Input Register (3x)	0643	R		1		AI function	Actual value extra sensor 2 (32-bit float)	4.6-1-00
VentActual.A_AI_ExtraSensor3	R	Input Register (3x)	0645	R		1		AI function	Actual value extra sensor 3 (32-bit float)	4.6-1-00
VentActual.A_AI_ExtraSensor4	R	Input Register (3x)	0647	R		1		AI function	Actual value extra sensor 4 (32-bit float)	4.6-1-00

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_AI_ExtraSensor5	R	Input Register (3x)	0649	R		1		AI function	Actual value extra sensor 5 (32-bit float)	4.6-1-00
VentActual.A_FilterGuard1CalibrationInitPress(0)	R	Input Register (3x)	0651	R	AV, 40651	1	P	Unit information	Supply air filter initial pressure drop	4.6-1-00
VentActual.A_FilterGuard1CalibrationMadeTime(0)	R	Input Register (3x)	0652	R	AV, 40652	1		Unit information	Supply air filter calibration time (hh:mm)	4.6-1-00
VentActual.A_FilterGuard1CalibrationMadeDate(0)	R	Input Register (3x)	0653	R	AV, 40653	1		Unit information	Supply air filter calibration date (MMDD)	4.6-1-00
VentActual.A_FilterGuard1CalibrationMadeYear(0)	X	Input Register (3x)	0654	R	AV, 40654	1		Unit information	Supply air filter calibration year (YY)	4.6-1-00
VentActual.A_FilterGuard1Limit_Calc	R	Input Register (3x)	0655	R	AV, 40655	1	P	Unit information	Supply air filter alarm limit (calculated depending on airflow)	4.6-1-00
VentActual.A_FilterGuard2CalibrationInitPress	R	Input Register (3x)	0656	R	AV, 40656	1	P	Unit information	Extract air filter initial pressure drop	4.6-1-00
VentActual.A_FilterGuard2CalibrationMadeTime	R	Input Register (3x)	0657	R	AV, 40657	1		Unit information	Extract air filter calibration time (hh:mm)	4.6-1-00
VentActual.A_FilterGuard2CalibrationMadeDate	R	Input Register (3x)	0658	R	AV, 40658	1		Unit information	Extract air filter calibration date (MMDD)	4.6-1-00
VentActual.A_FilterGuard2CalibrationMadeYear	X	Input Register (3x)	0659	R	AV, 40659	1		Unit information	Extract air filter calibration year (YY)	4.6-1-00
VentActual.A_FilterGuard2Limit_Calc	R	Input Register (3x)	0660	R	AV, 40660	1	P	Unit information	Extract air filter alarm limit (calculated depending on airflow)	4.6-1-00
VentActual.A_FilterGuard3CalibrationInitPress	R	Input Register (3x)	0661	R	AV, 40661	1	P	Unit information	Supply air pre-filter initial pressure drop	4.6-1-00
VentActual.A_FilterGuard3CalibrationMadeTime	R	Input Register (3x)	0662	R	AV, 40662	1		Unit information	Supply air pre-filter calibration time (hh:mm)	4.6-1-00
VentActual.A_FilterGuard3CalibrationMadeDate	R	Input Register (3x)	0663	R	AV, 40663	1		Unit information	Supply air pre-filter calibration date (MMDD)	4.6-1-00
VentActual.A_FilterGuard3CalibrationMadeYear	X	Input Register (3x)	0664	R	AV, 40664	1		Unit information	Supply air pre-filter calibration year (YY)	4.6-1-00
VentActual.A_FilterGuard3Limit_Calc	R	Input Register (3x)	0665	R	AV, 40665	1	P	Unit information	Supply air pre-filter alarm limit (calculated depending on airflow)	4.6-1-00
VentActual.A_FilterGuard4CalibrationInitPress	R	Input Register (3x)	0666	R	AV, 40666	1	P	Unit information	Supply air end-filter initial pressure drop	4.6-1-00
VentActual.A_FilterGuard4CalibrationMadeTime	R	Input Register (3x)	0667	R	AV, 40667	1		Unit information	Supply air end-filter calibration time (hh:mm)	4.6-1-00
VentActual.A_FilterGuard4CalibrationMadeDate	R	Input Register (3x)	0668	R	AV, 40668	1		Unit information	Supply air end-filter calibration date (MMDD)	4.6-1-00
VentActual.A_FilterGuard4CalibrationMadeYear	X	Input Register (3x)	0669	R	AV, 40669	1		Unit information	Supply air end-filter calibration year (YY)	4.6-1-00
VentActual.A_FilterGuard4Limit_Calc	R	Input Register (3x)	0670	R	AV, 40670	1	P	Unit information	Supply air end-filter alarm limit (calculated depending on airflow)	4.6-1-00
VentActual.A_FilterGuard5CalibrationInitPress	R	Input Register (3x)	0671	R	AV, 40671	1	P	Unit information	Extract air end-filter initial pressure drop	4.6-1-00
VentActual.A_FilterGuard5CalibrationMadeTime	R	Input Register (3x)	0672	R	AV, 40672	1		Unit information	Extract air end-filter calibration time (hh:mm)	4.6-1-00
VentActual.A_FilterGuard5CalibrationMadeDate	R	Input Register (3x)	0673	R	AV, 40673	1		Unit information	Extract air end-filter calibration date (MMDD)	4.6-1-00
VentActual.A_FilterGuard5CalibrationMadeYear	X	Input Register (3x)	0674	R	AV, 40674	1		Unit information	Extract air end-filter calibration year (YY)	4.6-1-00
VentActual.A_FilterGuard5Limit_Calc	R	Input Register (3x)	0675	R	AV, 40675	1	P	Unit information	Extract air end-filter alarm limit (calculated depending on airflow)	4.6-1-00
VentActual.A_AI_FilterGuard3	R	Input Register (3x)	0676	R	AV, 40676	10	P	AI function	Actual value supply air pre-filter pressure	4.6-1-00
VentActual.A_AI_FilterGuard4	R	Input Register (3x)	0677	R	AV, 40677	10	P	AI function	Actual value supply air end-filter pressure	4.6-1-00
VentActual.A_AI_FilterGuard5	R	Input Register (3x)	0678	R	AV, 40678	10	P	AI function	Actual value extract air pre-filter pressure	4.6-1-00
VentActual.A_ExtractFilterGuardFlowRef	R	Input Register (3x)	0679	R	AV, 40679	10	Q	Unit information	Calculated extract air flow (for filter alarm limit calculation)	4.6-1-00
TimeDp.Posts(0).T1	R	Holding Register (4x)	0000	RW		100		Time channel	Low speed Monday start time 1 (HH.MM)	
TimeDp.Posts(0).T2	R	Holding Register (4x)	0001	RW		100		Time channel	Low speed Monday stop time 1	
TimeDp.Posts(0).T3	R	Holding Register (4x)	0002	RW		100		Time channel	Low speed Monday start time 2	
TimeDp.Posts(0).T4	R	Holding Register (4x)	0003	RW		100		Time channel	Low speed Monday stop time 2	
TimeDp.Posts(1).T1	R	Holding Register (4x)	0004	RW		100		Time channel	Low speed Tuesday start time 1 (HH.MM)	
TimeDp.Posts(1).T2	R	Holding Register (4x)	0005	RW		100		Time channel	Low speed Tuesday stop time 1	
TimeDp.Posts(1).T3	R	Holding Register (4x)	0006	RW		100		Time channel	Low speed Tuesday start time 2	
TimeDp.Posts(1).T4	R	Holding Register (4x)	0007	RW		100		Time channel	Low speed Tuesday stop time 2	
TimeDp.Posts(2).T1	R	Holding Register (4x)	0008	RW		100		Time channel	Low speed Wednesday start time 1 (HH.MM)	
TimeDp.Posts(2).T2	R	Holding Register (4x)	0009	RW		100		Time channel	Low speed Wednesday stop time 1	
TimeDp.Posts(2).T3	R	Holding Register (4x)	0010	RW		100		Time channel	Low speed Wednesday start time 2	
TimeDp.Posts(2).T4	R	Holding Register (4x)	0011	RW		100		Time channel	Low speed Wednesday stop time 2	
TimeDp.Posts(3).T1	R	Holding Register (4x)	0012	RW		100		Time channel	Low speed Thursday start time 1 (HH.MM)	
TimeDp.Posts(3).T2	R	Holding Register (4x)	0013	RW		100		Time channel	Low speed Thursday stop time 1	
TimeDp.Posts(3).T3	R	Holding Register (4x)	0014	RW		100		Time channel	Low speed Thursday start time 2	
TimeDp.Posts(3).T4	R	Holding Register (4x)	0015	RW		100		Time channel	Low speed Thursday stop time 2	
TimeDp.Posts(4).T1	R	Holding Register (4x)	0016	RW		100		Time channel	Low speed Friday start time 1 (HH.MM)	
TimeDp.Posts(4).T2	R	Holding Register (4x)	0017	RW		100		Time channel	Low speed Friday stop time 1	
TimeDp.Posts(4).T3	R	Holding Register (4x)	0018	RW		100		Time channel	Low speed Friday start time 2	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
TimeDp.Posts(4).T4	R	Holding Register (4x)	0019	RW		100		Time channel	Low speed Friday stop time 2	
TimeDp.Posts(5).T1	R	Holding Register (4x)	0020	RW		100		Time channel	Low speed Saturday start time 1 (HH.MM)	
TimeDp.Posts(5).T2	R	Holding Register (4x)	0021	RW		100		Time channel	Low speed Saturday stop time 1	
TimeDp.Posts(5).T3	R	Holding Register (4x)	0022	RW		100		Time channel	Low speed Saturday start time 2	
TimeDp.Posts(5).T4	R	Holding Register (4x)	0023	RW		100		Time channel	Low speed Saturday stop time 2	
TimeDp.Posts(6).T1	R	Holding Register (4x)	0024	RW		100		Time channel	Low speed Sunday start time 1 (HH.MM)	
TimeDp.Posts(6).T2	R	Holding Register (4x)	0025	RW		100		Time channel	Low speed Sunday stop time 1	
TimeDp.Posts(6).T3	R	Holding Register (4x)	0026	RW		100		Time channel	Low speed Sunday start time 2	
TimeDp.Posts(6).T4	R	Holding Register (4x)	0027	RW		100		Time channel	Low speed Sunday stop time 2	
TimeDp.Posts(7).T1	R	Holding Register (4x)	0028	RW		100		Time channel	Low speed holiday start time 1 (HH.MM)	
TimeDp.Posts(7).T2	R	Holding Register (4x)	0029	RW		100		Time channel	Low speed holiday stop time 1	
TimeDp.Posts(7).T3	R	Holding Register (4x)	0030	RW		100		Time channel	Low speed holiday start time 2	
TimeDp.Posts(7).T4	R	Holding Register (4x)	0031	RW		100		Time channel	Low speed holiday stop time 2	
TimeDp.Posts(8).T1	R	Holding Register (4x)	0032	RW		100		Time channel	Normal speed Monday start time 1 (HH.MM)	
TimeDp.Posts(8).T2	R	Holding Register (4x)	0033	RW		100		Time channel	Normal speed Monday stop time 1	
TimeDp.Posts(8).T3	R	Holding Register (4x)	0034	RW		100		Time channel	Normal speed Monday start time 2	
TimeDp.Posts(8).T4	R	Holding Register (4x)	0035	RW		100		Time channel	Normal speed Monday stop time 2	
TimeDp.Posts(9).T1	R	Holding Register (4x)	0036	RW		100		Time channel	Normal speed Tuesday start time 1 (HH.MM)	
TimeDp.Posts(9).T2	R	Holding Register (4x)	0037	RW		100		Time channel	Normal speed Tuesday stop time 1	
TimeDp.Posts(9).T3	R	Holding Register (4x)	0038	RW		100		Time channel	Normal speed Tuesday start time 2	
TimeDp.Posts(9).T4	R	Holding Register (4x)	0039	RW		100		Time channel	Normal speed Tuesday stop time 2	
TimeDp.Posts(10).T1	R	Holding Register (4x)	0040	RW		100		Time channel	Normal speed Wednesday start time 1 (HH.MM)	
TimeDp.Posts(10).T2	R	Holding Register (4x)	0041	RW		100		Time channel	Normal speed Wednesday stop time 1	
TimeDp.Posts(10).T3	R	Holding Register (4x)	0042	RW		100		Time channel	Normal speed Wednesday start time 2	
TimeDp.Posts(10).T4	R	Holding Register (4x)	0043	RW		100		Time channel	Normal speed Wednesday stop time 2	
TimeDp.Posts(11).T1	R	Holding Register (4x)	0044	RW		100		Time channel	Normal speed Thursday start time 1 (HH.MM)	
TimeDp.Posts(11).T2	R	Holding Register (4x)	0045	RW		100		Time channel	Normal speed Thursday stop time 1	
TimeDp.Posts(11).T3	R	Holding Register (4x)	0046	RW		100		Time channel	Normal speed Thursday start time 2	
TimeDp.Posts(11).T4	R	Holding Register (4x)	0047	RW		100		Time channel	Normal speed Thursday stop time 2	
TimeDp.Posts(12).T1	R	Holding Register (4x)	0048	RW		100		Time channel	Normal speed Friday start time 1 (HH.MM)	
TimeDp.Posts(12).T2	R	Holding Register (4x)	0049	RW		100		Time channel	Normal speed Friday stop time 1	
TimeDp.Posts(12).T3	R	Holding Register (4x)	0050	RW		100		Time channel	Normal speed Friday start time 2	
TimeDp.Posts(12).T4	R	Holding Register (4x)	0051	RW		100		Time channel	Normal speed Friday stop time 2	
TimeDp.Posts(13).T1	R	Holding Register (4x)	0052	RW		100		Time channel	Normal speed Saturday start time 1 (HH.MM)	
TimeDp.Posts(13).T2	R	Holding Register (4x)	0053	RW		100		Time channel	Normal speed Saturday stop time 1	
TimeDp.Posts(13).T3	R	Holding Register (4x)	0054	RW		100		Time channel	Normal speed Saturday start time 2	
TimeDp.Posts(13).T4	R	Holding Register (4x)	0055	RW		100		Time channel	Normal speed Saturday stop time 2	
TimeDp.Posts(14).T1	R	Holding Register (4x)	0056	RW		100		Time channel	Normal speed Sunday start time 1 (HH.MM)	
TimeDp.Posts(14).T2	R	Holding Register (4x)	0057	RW		100		Time channel	Normal speed Sunday stop time 1	
TimeDp.Posts(14).T3	R	Holding Register (4x)	0058	RW		100		Time channel	Normal speed Sunday start time 2	
TimeDp.Posts(14).T4	R	Holding Register (4x)	0059	RW		100		Time channel	Normal speed Sunday stop time 2	
TimeDp.Posts(15).T1	R	Holding Register (4x)	0060	RW		100		Time channel	Normal speed holiday start time 1 (HH.MM)	
TimeDp.Posts(15).T2	R	Holding Register (4x)	0061	RW		100		Time channel	Normal speed holiday stop time 1	
TimeDp.Posts(15).T3	R	Holding Register (4x)	0062	RW		100		Time channel	Normal speed holiday start time 2	
TimeDp.Posts(15).T4	R	Holding Register (4x)	0063	RW		100		Time channel	Normal speed holiday stop time 2	
TimeDp.Posts(16).T1	R	Holding Register (4x)	0064	RW		100		Time channel	High speed Monday start time 1 (HH.MM)	
TimeDp.Posts(16).T2	R	Holding Register (4x)	0065	RW		100		Time channel	High speed Monday stop time 1	
TimeDp.Posts(16).T3	R	Holding Register (4x)	0066	RW		100		Time channel	High speed Monday start time 2	
TimeDp.Posts(16).T4	R	Holding Register (4x)	0067	RW		100		Time channel	High speed Monday stop time 2	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
TimeDp.Posts(17).T1	R	Holding Register (4x)	0068	RW		100		Time channel	High speed Tuesday start time 1 (HH.MM)	
TimeDp.Posts(17).T2	R	Holding Register (4x)	0069	RW		100		Time channel	High speed Tuesday stop time 1	
TimeDp.Posts(17).T3	R	Holding Register (4x)	0070	RW		100		Time channel	High speed Tuesday start time 2	
TimeDp.Posts(17).T4	R	Holding Register (4x)	0071	RW		100		Time channel	High speed Tuesday stop time 2	
TimeDp.Posts(18).T1	R	Holding Register (4x)	0072	RW		100		Time channel	High speed Wednesday start time 1 (HH.MM)	
TimeDp.Posts(18).T2	R	Holding Register (4x)	0073	RW		100		Time channel	High speed Wednesday stop time 1	
TimeDp.Posts(18).T3	R	Holding Register (4x)	0074	RW		100		Time channel	High speed Wednesday start time 2	
TimeDp.Posts(18).T4	R	Holding Register (4x)	0075	RW		100		Time channel	High speed Wednesday stop time 2	
TimeDp.Posts(19).T1	R	Holding Register (4x)	0076	RW		100		Time channel	High speed Thursday start time 1 (HH.MM)	
TimeDp.Posts(19).T2	R	Holding Register (4x)	0077	RW		100		Time channel	High speed Thursday stop time 1	
TimeDp.Posts(19).T3	R	Holding Register (4x)	0078	RW		100		Time channel	High speed Thursday start time 2	
TimeDp.Posts(19).T4	R	Holding Register (4x)	0079	RW		100		Time channel	High speed Thursday stop time 2	
TimeDp.Posts(20).T1	R	Holding Register (4x)	0080	RW		100		Time channel	High speed Friday start time 1 (HH.MM)	
TimeDp.Posts(20).T2	R	Holding Register (4x)	0081	RW		100		Time channel	High speed Friday stop time 1	
TimeDp.Posts(20).T3	R	Holding Register (4x)	0082	RW		100		Time channel	High speed Friday start time 2	
TimeDp.Posts(20).T4	R	Holding Register (4x)	0083	RW		100		Time channel	High speed Friday stop time 2	
TimeDp.Posts(21).T1	R	Holding Register (4x)	0084	RW		100		Time channel	High speed Saturday start time 1 (HH.MM)	
TimeDp.Posts(21).T2	R	Holding Register (4x)	0085	RW		100		Time channel	High speed Saturday stop time 1	
TimeDp.Posts(21).T3	R	Holding Register (4x)	0086	RW		100		Time channel	High speed Saturday start time 2	
TimeDp.Posts(21).T4	R	Holding Register (4x)	0087	RW		100		Time channel	High speed Saturday stop time 2	
TimeDp.Posts(22).T1	R	Holding Register (4x)	0088	RW		100		Time channel	High speed Sunday start time 1 (HH.MM)	
TimeDp.Posts(22).T2	R	Holding Register (4x)	0089	RW		100		Time channel	High speed Sunday stop time 1	
TimeDp.Posts(22).T3	R	Holding Register (4x)	0090	RW		100		Time channel	High speed Sunday start time 2	
TimeDp.Posts(22).T4	R	Holding Register (4x)	0091	RW		100		Time channel	High speed Sunday stop time 2	
TimeDp.Posts(23).T1	R	Holding Register (4x)	0092	RW		100		Time channel	High speed holiday start time 1 (HH.MM)	
TimeDp.Posts(23).T2	R	Holding Register (4x)	0093	RW		100		Time channel	High speed holiday stop time 1	
TimeDp.Posts(23).T3	R	Holding Register (4x)	0094	RW		100		Time channel	High speed holiday start time 2	
TimeDp.Posts(23).T4	R	Holding Register (4x)	0095	RW		100		Time channel	High speed holiday stop time 2	
TimeDp.Posts(24).T1	R	Holding Register (4x)	0096	RW		100		Time channel	Extra time channel 1 Monday start time 1 (HH.MM)	
TimeDp.Posts(24).T2	R	Holding Register (4x)	0097	RW		100		Time channel	Extra time channel 1 Monday stop time 1	
TimeDp.Posts(24).T3	R	Holding Register (4x)	0098	RW		100		Time channel	Extra time channel 1 Monday start time 2	
TimeDp.Posts(24).T4	R	Holding Register (4x)	0099	RW		100		Time channel	Extra time channel 1 Monday stop time 2	
TimeDp.Posts(25).T1	R	Holding Register (4x)	0100	RW		100		Time channel	Extra time channel 1 Tuesday start time 1 (HH.MM)	
TimeDp.Posts(25).T2	R	Holding Register (4x)	0101	RW		100		Time channel	Extra time channel 1 Tuesday stop time 1	
TimeDp.Posts(25).T3	R	Holding Register (4x)	0102	RW		100		Time channel	Extra time channel 1 Tuesday start time 2	
TimeDp.Posts(25).T4	R	Holding Register (4x)	0103	RW		100		Time channel	Extra time channel 1 Tuesday stop time 2	
TimeDp.Posts(26).T1	R	Holding Register (4x)	0104	RW		100		Time channel	Extra time channel 1 Wednesday start time 1 (HH.MM)	
TimeDp.Posts(26).T2	R	Holding Register (4x)	0105	RW		100		Time channel	Extra time channel 1 Wednesday stop time 1	
TimeDp.Posts(26).T3	R	Holding Register (4x)	0106	RW		100		Time channel	Extra time channel 1 Wednesday start time 2	
TimeDp.Posts(26).T4	R	Holding Register (4x)	0107	RW		100		Time channel	Extra time channel 1 Wednesday stop time 2	
TimeDp.Posts(27).T1	R	Holding Register (4x)	0108	RW		100		Time channel	Extra time channel 1 Thursday start time 1 (HH.MM)	
TimeDp.Posts(27).T2	R	Holding Register (4x)	0109	RW		100		Time channel	Extra time channel 1 Thursday stop time 1	
TimeDp.Posts(27).T3	R	Holding Register (4x)	0110	RW		100		Time channel	Extra time channel 1 Thursday start time 2	
TimeDp.Posts(27).T4	R	Holding Register (4x)	0111	RW		100		Time channel	Extra time channel 1 Thursday stop time 2	
TimeDp.Posts(28).T1	R	Holding Register (4x)	0112	RW		100		Time channel	Extra time channel 1 Friday start time 1 (HH.MM)	
TimeDp.Posts(28).T2	R	Holding Register (4x)	0113	RW		100		Time channel	Extra time channel 1 Friday stop time 1	
TimeDp.Posts(28).T3	R	Holding Register (4x)	0114	RW		100		Time channel	Extra time channel 1 Friday start time 2	
TimeDp.Posts(28).T4	R	Holding Register (4x)	0115	RW		100		Time channel	Extra time channel 1 Friday stop time 2	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
TimeDp.Posts(29).T1	R	Holding Register (4x)	0116	RW		100		Time channel	Extra time channel 1 Saturday start time 1 (HH.MM)	
TimeDp.Posts(29).T2	R	Holding Register (4x)	0117	RW		100		Time channel	Extra time channel 1 Saturday stop time 1	
TimeDp.Posts(29).T3	R	Holding Register (4x)	0118	RW		100		Time channel	Extra time channel 1 Saturday start time 2	
TimeDp.Posts(29).T4	R	Holding Register (4x)	0119	RW		100		Time channel	Extra time channel 1 Saturday stop time 2	
TimeDp.Posts(30).T1	R	Holding Register (4x)	0120	RW		100		Time channel	Extra time channel 1 Sunday start time 1 (HH.MM)	
TimeDp.Posts(30).T2	R	Holding Register (4x)	0121	RW		100		Time channel	Extra time channel 1 Sunday stop time 1	
TimeDp.Posts(30).T3	R	Holding Register (4x)	0122	RW		100		Time channel	Extra time channel 1 Sunday start time 2	
TimeDp.Posts(30).T4	R	Holding Register (4x)	0123	RW		100		Time channel	Extra time channel 1 Sunday stop time 2	
TimeDp.Posts(31).T1	R	Holding Register (4x)	0124	RW		100		Time channel	Extra time channel 1 holiday start time 1 (HH.MM)	
TimeDp.Posts(31).T2	R	Holding Register (4x)	0125	RW		100		Time channel	Extra time channel 1 holiday stop time 1	
TimeDp.Posts(31).T3	R	Holding Register (4x)	0126	RW		100		Time channel	Extra time channel 1 holiday start time 2	
TimeDp.Posts(31).T4	R	Holding Register (4x)	0127	RW		100		Time channel	Extra time channel 1 holiday stop time 2	
TimeDp.Posts(32).T1	R	Holding Register (4x)	0128	RW		100		Time channel	Extra time channel 2 Monday start time 1 (HH.MM)	
TimeDp.Posts(32).T2	R	Holding Register (4x)	0129	RW		100		Time channel	Extra time channel 2 Monday stop time 1	
TimeDp.Posts(32).T3	R	Holding Register (4x)	0130	RW		100		Time channel	Extra time channel 2 Monday start time 2	
TimeDp.Posts(32).T4	R	Holding Register (4x)	0131	RW		100		Time channel	Extra time channel 2 Monday stop time 2	
TimeDp.Posts(33).T1	R	Holding Register (4x)	0132	RW		100		Time channel	Extra time channel 2 Tuesday start time 1 (HH.MM)	
TimeDp.Posts(33).T2	R	Holding Register (4x)	0133	RW		100		Time channel	Extra time channel 2 Tuesday stop time 1	
TimeDp.Posts(33).T3	R	Holding Register (4x)	0134	RW		100		Time channel	Extra time channel 2 Tuesday start time 2	
TimeDp.Posts(33).T4	R	Holding Register (4x)	0135	RW		100		Time channel	Extra time channel 2 Tuesday stop time 2	
TimeDp.Posts(34).T1	R	Holding Register (4x)	0136	RW		100		Time channel	Extra time channel 2 Wednesday start time 1 (HH.MM)	
TimeDp.Posts(34).T2	R	Holding Register (4x)	0137	RW		100		Time channel	Extra time channel 2 Wednesday stop time 1	
TimeDp.Posts(34).T3	R	Holding Register (4x)	0138	RW		100		Time channel	Extra time channel 2 Wednesday start time 2	
TimeDp.Posts(34).T4	R	Holding Register (4x)	0139	RW		100		Time channel	Extra time channel 2 Wednesday stop time 2	
TimeDp.Posts(35).T1	R	Holding Register (4x)	0140	RW		100		Time channel	Extra time channel 2 Thursday start time 1 (HH.MM)	
TimeDp.Posts(35).T2	R	Holding Register (4x)	0141	RW		100		Time channel	Extra time channel 2 Thursday stop time 1	
TimeDp.Posts(35).T3	R	Holding Register (4x)	0142	RW		100		Time channel	Extra time channel 2 Thursday start time 2	
TimeDp.Posts(35).T4	R	Holding Register (4x)	0143	RW		100		Time channel	Extra time channel 2 Thursday stop time 2	
TimeDp.Posts(36).T1	R	Holding Register (4x)	0144	RW		100		Time channel	Extra time channel 2 Friday start time 1 (HH.MM)	
TimeDp.Posts(36).T2	R	Holding Register (4x)	0145	RW		100		Time channel	Extra time channel 2 Friday stop time 1	
TimeDp.Posts(36).T3	R	Holding Register (4x)	0146	RW		100		Time channel	Extra time channel 2 Friday start time 2	
TimeDp.Posts(36).T4	R	Holding Register (4x)	0147	RW		100		Time channel	Extra time channel 2 Friday stop time 2	
TimeDp.Posts(37).T1	R	Holding Register (4x)	0148	RW		100		Time channel	Extra time channel 2 Saturday start time 1 (HH.MM)	
TimeDp.Posts(37).T2	R	Holding Register (4x)	0149	RW		100		Time channel	Extra time channel 2 Saturday stop time 1	
TimeDp.Posts(37).T3	R	Holding Register (4x)	0150	RW		100		Time channel	Extra time channel 2 Saturday start time 2	
TimeDp.Posts(37).T4	R	Holding Register (4x)	0151	RW		100		Time channel	Extra time channel 2 Saturday stop time 2	
TimeDp.Posts(38).T1	R	Holding Register (4x)	0152	RW		100		Time channel	Extra time channel 2 Sunday start time 1 (HH.MM)	
TimeDp.Posts(38).T2	R	Holding Register (4x)	0153	RW		100		Time channel	Extra time channel 2 Sunday stop time 1	
TimeDp.Posts(38).T3	R	Holding Register (4x)	0154	RW		100		Time channel	Extra time channel 2 Sunday start time 2	
TimeDp.Posts(38).T4	R	Holding Register (4x)	0155	RW		100		Time channel	Extra time channel 2 Sunday stop time 2	
TimeDp.Posts(39).T1	R	Holding Register (4x)	0156	RW		100		Time channel	Extra time channel 2 holiday start time 1 (HH.MM)	
TimeDp.Posts(39).T2	R	Holding Register (4x)	0157	RW		100		Time channel	Extra time channel 2 holiday stop time 1	
TimeDp.Posts(39).T3	R	Holding Register (4x)	0158	RW		100		Time channel	Extra time channel 2 holiday start time 2	
TimeDp.Posts(39).T4	R	Holding Register (4x)	0159	RW		100		Time channel	Extra time channel 2 holiday stop time 2	
TimeDp.Posts(40).T1	R	Holding Register (4x)	0160	RW		100		Time channel	Extra time channel 3 Monday start time 1 (HH.MM)	
TimeDp.Posts(40).T2	R	Holding Register (4x)	0161	RW		100		Time channel	Extra time channel 3 Monday stop time 1	
TimeDp.Posts(40).T3	R	Holding Register (4x)	0162	RW		100		Time channel	Extra time channel 3 Monday start time 2	
TimeDp.Posts(40).T4	R	Holding Register (4x)	0163	RW		100		Time channel	Extra time channel 3 Monday stop time 2	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
TimeDp.Posts(41).T1	R	Holding Register (4x)	0164	RW		100		Time channel	Extra time channel 3 Tuesday start time 1 (HH.MM)	
TimeDp.Posts(41).T2	R	Holding Register (4x)	0165	RW		100		Time channel	Extra time channel 3 Tuesday stop time 1	
TimeDp.Posts(41).T3	R	Holding Register (4x)	0166	RW		100		Time channel	Extra time channel 3 Tuesday start time 2	
TimeDp.Posts(41).T4	R	Holding Register (4x)	0167	RW		100		Time channel	Extra time channel 3 Tuesday stop time 2	
TimeDp.Posts(42).T1	R	Holding Register (4x)	0168	RW		100		Time channel	Extra time channel 3 Wednesday start time 1 (HH.MM)	
TimeDp.Posts(42).T2	R	Holding Register (4x)	0169	RW		100		Time channel	Extra time channel 3 Wednesday stop time 1	
TimeDp.Posts(42).T3	R	Holding Register (4x)	0170	RW		100		Time channel	Extra time channel 3 Wednesday start time 2	
TimeDp.Posts(42).T4	R	Holding Register (4x)	0171	RW		100		Time channel	Extra time channel 3 Wednesday stop time 2	
TimeDp.Posts(43).T1	R	Holding Register (4x)	0172	RW		100		Time channel	Extra time channel 3 Thursday start time 1 (HH.MM)	
TimeDp.Posts(43).T2	R	Holding Register (4x)	0173	RW		100		Time channel	Extra time channel 3 Thursday stop time 1	
TimeDp.Posts(43).T3	R	Holding Register (4x)	0174	RW		100		Time channel	Extra time channel 3 Thursday start time 2	
TimeDp.Posts(43).T4	R	Holding Register (4x)	0175	RW		100		Time channel	Extra time channel 3 Thursday stop time 2	
TimeDp.Posts(44).T1	R	Holding Register (4x)	0176	RW		100		Time channel	Extra time channel 3 Friday start time 1 (HH.MM)	
TimeDp.Posts(44).T2	R	Holding Register (4x)	0177	RW		100		Time channel	Extra time channel 3 Friday stop time 1	
TimeDp.Posts(44).T3	R	Holding Register (4x)	0178	RW		100		Time channel	Extra time channel 3 Friday start time 2	
TimeDp.Posts(44).T4	R	Holding Register (4x)	0179	RW		100		Time channel	Extra time channel 3 Friday stop time 2	
TimeDp.Posts(45).T1	R	Holding Register (4x)	0180	RW		100		Time channel	Extra time channel 3 Saturday start time 1 (HH.MM)	
TimeDp.Posts(45).T2	R	Holding Register (4x)	0181	RW		100		Time channel	Extra time channel 3 Saturday stop time 1	
TimeDp.Posts(45).T3	R	Holding Register (4x)	0182	RW		100		Time channel	Extra time channel 3 Saturday start time 2	
TimeDp.Posts(45).T4	R	Holding Register (4x)	0183	RW		100		Time channel	Extra time channel 3 Saturday stop time 2	
TimeDp.Posts(46).T1	R	Holding Register (4x)	0184	RW		100		Time channel	Extra time channel 3 Sunday start time 1 (HH.MM)	
TimeDp.Posts(46).T2	R	Holding Register (4x)	0185	RW		100		Time channel	Extra time channel 3 Sunday stop time 1	
TimeDp.Posts(46).T3	R	Holding Register (4x)	0186	RW		100		Time channel	Extra time channel 3 Sunday start time 2	
TimeDp.Posts(46).T4	R	Holding Register (4x)	0187	RW		100		Time channel	Extra time channel 3 Sunday stop time 2	
TimeDp.Posts(47).T1	R	Holding Register (4x)	0188	RW		100		Time channel	Extra time channel 3 holiday start time 1 (HH.MM)	
TimeDp.Posts(47).T2	R	Holding Register (4x)	0189	RW		100		Time channel	Extra time channel 3 holiday stop time 1	
TimeDp.Posts(47).T3	R	Holding Register (4x)	0190	RW		100		Time channel	Extra time channel 3 holiday start time 2	
TimeDp.Posts(47).T4	R	Holding Register (4x)	0191	RW		100		Time channel	Extra time channel 3 holiday stop time 2	
TimeDp.Posts(48).T1	R	Holding Register (4x)	0192	RW		100		Time channel	Extra time channel 4 Monday start time 1 (HH.MM)	
TimeDp.Posts(48).T2	R	Holding Register (4x)	0193	RW		100		Time channel	Extra time channel 4 Monday stop time 1	
TimeDp.Posts(48).T3	R	Holding Register (4x)	0194	RW		100		Time channel	Extra time channel 4 Monday start time 2	
TimeDp.Posts(48).T4	R	Holding Register (4x)	0195	RW		100		Time channel	Extra time channel 4 Monday stop time 2	
TimeDp.Posts(49).T1	R	Holding Register (4x)	0196	RW		100		Time channel	Extra time channel 4 Tuesday start time 1 (HH.MM)	
TimeDp.Posts(49).T2	R	Holding Register (4x)	0197	RW		100		Time channel	Extra time channel 4 Tuesday stop time 1	
TimeDp.Posts(49).T3	R	Holding Register (4x)	0198	RW		100		Time channel	Extra time channel 4 Tuesday start time 2	
TimeDp.Posts(49).T4	R	Holding Register (4x)	0199	RW		100		Time channel	Extra time channel 4 Tuesday stop time 2	
TimeDp.Posts(50).T1	R	Holding Register (4x)	0200	RW		100		Time channel	Extra time channel 4 Wednesday start time 1 (HH.MM)	
TimeDp.Posts(50).T2	R	Holding Register (4x)	0201	RW		100		Time channel	Extra time channel 4 Wednesday stop time 1	
TimeDp.Posts(50).T3	R	Holding Register (4x)	0202	RW		100		Time channel	Extra time channel 4 Wednesday start time 2	
TimeDp.Posts(50).T4	R	Holding Register (4x)	0203	RW		100		Time channel	Extra time channel 4 Wednesday stop time 2	
TimeDp.Posts(51).T1	R	Holding Register (4x)	0204	RW		100		Time channel	Extra time channel 4 Thursday start time 1 (HH.MM)	
TimeDp.Posts(51).T2	R	Holding Register (4x)	0205	RW		100		Time channel	Extra time channel 4 Thursday stop time 1	
TimeDp.Posts(51).T3	R	Holding Register (4x)	0206	RW		100		Time channel	Extra time channel 4 Thursday start time 2	
TimeDp.Posts(51).T4	R	Holding Register (4x)	0207	RW		100		Time channel	Extra time channel 4 Thursday stop time 2	
TimeDp.Posts(52).T1	R	Holding Register (4x)	0208	RW		100		Time channel	Extra time channel 4 Friday start time 1 (HH.MM)	
TimeDp.Posts(52).T2	R	Holding Register (4x)	0209	RW		100		Time channel	Extra time channel 4 Friday stop time 1	
TimeDp.Posts(52).T3	R	Holding Register (4x)	0210	RW		100		Time channel	Extra time channel 4 Friday start time 2	
TimeDp.Posts(52).T4	R	Holding Register (4x)	0211	RW		100		Time channel	Extra time channel 4 Friday stop time 2	
TimeDp.Posts(53).T1	R	Holding Register (4x)	0212	RW		100		Time channel	Extra time channel 4 Saturday start time 1 (HH.MM)	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
TimeDp.Posts(53).T2	R	Holding Register (4x)	0213	RW		100		Time channel	Extra time channel 4 Saturday stop time 1	
TimeDp.Posts(53).T3	R	Holding Register (4x)	0214	RW		100		Time channel	Extra time channel 4 Saturday start time 2	
TimeDp.Posts(53).T4	R	Holding Register (4x)	0215	RW		100		Time channel	Extra time channel 4 Saturday stop time 2	
TimeDp.Posts(54).T1	R	Holding Register (4x)	0216	RW		100		Time channel	Extra time channel 4 Sunday start time 1 (HH.MM)	
TimeDp.Posts(54).T2	R	Holding Register (4x)	0217	RW		100		Time channel	Extra time channel 4 Sunday stop time 1	
TimeDp.Posts(54).T3	R	Holding Register (4x)	0218	RW		100		Time channel	Extra time channel 4 Sunday start time 2	
TimeDp.Posts(54).T4	R	Holding Register (4x)	0219	RW		100		Time channel	Extra time channel 4 Sunday stop time 2	
TimeDp.Posts(55).T1	R	Holding Register (4x)	0220	RW		100		Time channel	Extra time channel 4 holiday start time 1 (HH.MM)	
TimeDp.Posts(55).T2	R	Holding Register (4x)	0221	RW		100		Time channel	Extra time channel 4 holiday stop time 1	
TimeDp.Posts(55).T3	R	Holding Register (4x)	0222	RW		100		Time channel	Extra time channel 4 holiday start time 2	
TimeDp.Posts(55).T4	R	Holding Register (4x)	0223	RW		100		Time channel	Extra time channel 4 holiday stop time 2	
TimeHp.Posts(0).FromDate	R	Holding Register (4x)	0224	RW		100		Time channel	Holiday period 1 start date (MM.DD)	
TimeHp.Posts(0).ToDate	R	Holding Register (4x)	0225	RW		100		Time channel	Holiday period 1 end date (MM.DD)	
TimeHp.Posts(1).FromDate	R	Holding Register (4x)	0226	RW		100		Time channel	Holiday period 2 start date (MM.DD)	
TimeHp.Posts(1).ToDate	R	Holding Register (4x)	0227	RW		100		Time channel	Holiday period 2 end date (MM.DD)	
TimeHp.Posts(2).FromDate	R	Holding Register (4x)	0228	RW		100		Time channel	Holiday period 3 start date (MM.DD)	
TimeHp.Posts(2).ToDate	R	Holding Register (4x)	0229	RW		100		Time channel	Holiday period 3 end date (MM.DD)	
TimeHp.Posts(3).FromDate	R	Holding Register (4x)	0230	RW		100		Time channel	Holiday period 4 start date (MM.DD)	
TimeHp.Posts(3).ToDate	R	Holding Register (4x)	0231	RW		100		Time channel	Holiday period 4 end date (MM.DD)	
TimeHp.Posts(4).FromDate	R	Holding Register (4x)	0232	RW		100		Time channel	Holiday period 5 start date (MM.DD)	
TimeHp.Posts(4).ToDate	R	Holding Register (4x)	0233	RW		100		Time channel	Holiday period 5 end date (MM.DD)	
TimeHp.Posts(5).FromDate	R	Holding Register (4x)	0234	RW		100		Time channel	Holiday period 6 start date (MM.DD)	
TimeHp.Posts(5).ToDate	R	Holding Register (4x)	0235	RW		100		Time channel	Holiday period 6 end date (MM.DD)	
TimeHp.Posts(6).FromDate	R	Holding Register (4x)	0236	RW		100		Time channel	Holiday period 7 start date (MM.DD)	
TimeHp.Posts(6).ToDate	R	Holding Register (4x)	0237	RW		100		Time channel	Holiday period 7 end date (MM.DD)	
TimeHp.Posts(7).FromDate	R	Holding Register (4x)	0238	RW		100		Time channel	Holiday period 8 start date (MM.DD)	
TimeHp.Posts(7).ToDate	R	Holding Register (4x)	0239	RW		100		Time channel	Holiday period 8 end date (MM.DD)	
TimeHp.Posts(8).FromDate	R	Holding Register (4x)	0240	RW		100		Time channel	Holiday period 9 start date (MM.DD)	
TimeHp.Posts(8).ToDate	R	Holding Register (4x)	0241	RW		100		Time channel	Holiday period 9 end date (MM.DD)	
TimeHp.Posts(9).FromDate	R	Holding Register (4x)	0242	RW		100		Time channel	Holiday period 10 start date (MM.DD)	
TimeHp.Posts(9).ToDate	R	Holding Register (4x)	0243	RW		100		Time channel	Holiday period 10 end date (MM.DD)	
TimeHp.Posts(10).FromDate	R	Holding Register (4x)	0244	RW		100		Time channel	Holiday period 11 start date (MM.DD)	
TimeHp.Posts(10).ToDate	R	Holding Register (4x)	0245	RW		100		Time channel	Holiday period 11 end date (MM.DD)	
TimeHp.Posts(11).FromDate	R	Holding Register (4x)	0246	RW		100		Time channel	Holiday period 12 start date (MM.DD)	
TimeHp.Posts(11).ToDate	R	Holding Register (4x)	0247	RW		100		Time channel	Holiday period 12 end date (MM.DD)	
TimeHp.Posts(12).FromDate	R	Holding Register (4x)	0248	RW		100		Time channel	Holiday period 13 start date (MM.DD)	
TimeHp.Posts(12).ToDate	R	Holding Register (4x)	0249	RW		100		Time channel	Holiday period 13 end date (MM.DD)	
TimeHp.Posts(13).FromDate	R	Holding Register (4x)	0250	RW		100		Time channel	Holiday period 14 start date (MM.DD)	
TimeHp.Posts(13).ToDate	R	Holding Register (4x)	0251	RW		100		Time channel	Holiday period 14 end date (MM.DD)	
TimeHp.Posts(14).FromDate	R	Holding Register (4x)	0252	RW		100		Time channel	Holiday period 15 start date (MM.DD)	
TimeHp.Posts(14).ToDate	R	Holding Register (4x)	0253	RW		100		Time channel	Holiday period 15 end date (MM.DD)	
TimeHp.Posts(15).FromDate	R	Holding Register (4x)	0254	RW		100		Time channel	Holiday period 16 start date (MM.DD)	
TimeHp.Posts(15).ToDate	R	Holding Register (4x)	0255	RW		100		Time channel	Holiday period 16 end date (MM.DD)	
TimeHp.Posts(16).FromDate	R	Holding Register (4x)	0256	RW		100		Time channel	Holiday period 17 start date (MM.DD)	
TimeHp.Posts(16).ToDate	R	Holding Register (4x)	0257	RW		100		Time channel	Holiday period 17 end date (MM.DD)	
TimeHp.Posts(17).FromDate	R	Holding Register (4x)	0258	RW		100		Time channel	Holiday period 18 start date (MM.DD)	
TimeHp.Posts(17).ToDate	R	Holding Register (4x)	0259	RW		100		Time channel	Holiday period 18 end date (MM.DD)	
TimeHp.Posts(18).FromDate	R	Holding Register (4x)	0260	RW		100		Time channel	Holiday period 19 start date (MM.DD)	
TimeHp.Posts(18).ToDate	R	Holding Register (4x)	0261	RW		100		Time channel	Holiday period 19 end date (MM.DD)	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
TimeHp.Posts(19).FromDate	R	Holding Register (4x)	0262	RW		100		Time channel	Holiday period 20 start date (MM.DD)	
TimeHp.Posts(19).ToDate	R	Holding Register (4x)	0263	RW		100		Time channel	Holiday period 20 end date (MM.DD)	
TimeHp.Posts(20).FromDate	R	Holding Register (4x)	0264	RW		100		Time channel	Holiday period 21 start date (MM.DD)	
TimeHp.Posts(20).ToDate	R	Holding Register (4x)	0265	RW		100		Time channel	Holiday period 21 end date (MM.DD)	
TimeHp.Posts(21).FromDate	R	Holding Register (4x)	0266	RW		100		Time channel	Holiday period 22 start date (MM.DD)	
TimeHp.Posts(21).ToDate	R	Holding Register (4x)	0267	RW		100		Time channel	Holiday period 22 end date (MM.DD)	
TimeHp.Posts(22).FromDate	R	Holding Register (4x)	0268	RW		100		Time channel	Holiday period 23 start date (MM.DD)	
TimeHp.Posts(22).ToDate	R	Holding Register (4x)	0269	RW		100		Time channel	Holiday period 23 end date (MM.DD)	
TimeHp.Posts(23).FromDate	R	Holding Register (4x)	0270	RW		100		Time channel	Holiday period 24 start date (MM.DD)	
TimeHp.Posts(23).ToDate	R	Holding Register (4x)	0271	RW		100		Time channel	Holiday period 24 end date (MM.DD)	
TimePro.TC_FanLowSpeed_Status	X	Holding Register (4x)	0272	RW	MSV, 30272	1		Operation override	Manual/Auto Low Speed time channel Modbus 0=Manual off 1=Manual on 2=Forced off 3=Forced on 4=Auto Bacnet +1 offset for corresponding Modbus	
TimePro.TC_FanNormalSpeed_Status	X	Holding Register (4x)	0273	RW	MSV, 30273	1		Operation override	Manual/Auto Normal Speed time channel (See signal list for FanLowSpeed_Status)	
TimePro.TC_FanHighSpeed_Status	X	Holding Register (4x)	0274	RW	MSV, 30274	1		Operation override	Manual/Auto High Speed time channel (See signal list for FanLowSpeed_Status)	
TimePro.TC_Extra1_Status	X	Holding Register (4x)	0275	RW	MSV, 30275	1		Operation override	Manual/Auto Timer output 1 (See signal list for FanLowSpeed_Status)	
TimePro.TC_Extra2_Status	X	Holding Register (4x)	0276	RW	MSV, 30276	1		Operation override	Manual/Auto Timer output 2 (See signal list for FanLowSpeed_Status)	
TimePro.TC_Extra3_Status	X	Holding Register (4x)	0277	RW	MSV, 30277	1		Operation override	Manual/Auto Timer output 3 (See signal list for FanLowSpeed_Status)	
TimePro.TC_Extra4_Status	X	Holding Register (4x)	0278	RW	MSV, 30278	1		Operation override	Manual/Auto Timer output 4 (See signal list for FanLowSpeed_Status)	
QSystem.Minute	X	Holding Register (4x)	0280	RW	AV, 30280	1		Real Time Clock	Real time clock: Minute 0-59	
QSystem.Hour	X	Holding Register (4x)	0281	RW	AV, 30281	1		Real Time Clock	Real time clock: Hour 0-23	
QSystem.WDay	X	Holding Register (4x)	0282	RW	AV, 30282	1		Real Time Clock	Real time clock: Day of Week 1-7, 1=Monday	
QSystem.Week	X	Holding Register (4x)	0283	RW	AV, 30283	1		Real Time Clock	Real time clock: Week number 1-53	
QSystem.Date	X	Holding Register (4x)	0284	RW	AV, 30284	1		Real Time Clock	Real time clock: Day of month 1-31	
QSystem.Month	X	Holding Register (4x)	0285	RW	AV, 30285	1		Real Time Clock	Real time clock: Month 1-12	
QSystem.Year	X	Holding Register (4x)	0286	RW	AV, 30286	1		Real Time Clock	Real time clock: Year 0-99	
AlaData.Ala_MalfunctionSAF1_DelayValue	I	Holding Register (4x)	0287	RW		1	sec	Alarm setting	Alarm delay malfunction supply air fan 1	
AlaData.Ala_MalfunctionSAF2_DelayValue	I	Holding Register (4x)	0288	RW		1	sec	Alarm setting	Alarm delay malfunction supply air fan 2	
AlaData.Ala_MalfunctionSAF3_DelayValue	I	Holding Register (4x)	0289	RW		1	sec	Alarm setting	Alarm delay malfunction supply air fan 3	
AlaData.Ala_MalfunctionSAF4_DelayValue	I	Holding Register (4x)	0290	RW		1	sec	Alarm setting	Alarm delay malfunction supply air fan 4	
AlaData.Ala_MalfunctionSAF5_DelayValue	I	Holding Register (4x)	0291	RW		1	sec	Alarm setting	Alarm delay malfunction supply air fan 5	
AlaData.Ala_MalfunctionEAF1_DelayValue	I	Holding Register (4x)	0292	RW		1	sec	Alarm setting	Alarm delay malfunction extract air fan 1	
AlaData.Ala_MalfunctionEAF2_DelayValue	I	Holding Register (4x)	0293	RW		1	sec	Alarm setting	Alarm delay malfunction extract air fan 2	
AlaData.Ala_MalfunctionEAF3_DelayValue	I	Holding Register (4x)	0294	RW		1	sec	Alarm setting	Alarm delay malfunction extract air fan 3	
AlaData.Ala_MalfunctionEAF4_DelayValue	I	Holding Register (4x)	0295	RW		1	sec	Alarm setting	Alarm delay malfunction extract air fan 4	
AlaData.Ala_MalfunctionEAF5_DelayValue	I	Holding Register (4x)	0296	RW		1	sec	Alarm setting	Alarm delay malfunction extract air fan 5	
AlaData.Ala_AlarmSAF1_DelayValue	I	Holding Register (4x)	0297	RW		1	sec	Alarm setting	Alarm delay alarm supply air fan 1	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
AlaData.Ala_AlarmSAF2_DelayValue	I	Holding Register (4x)	0298	RW		1	sec	Alarm setting	Alarm delay alarm supply air fan 2	
AlaData.Ala_AlarmSAF3_DelayValue	I	Holding Register (4x)	0299	RW		1	sec	Alarm setting	Alarm delay alarm supply air fan 3	
AlaData.Ala_AlarmSAF4_DelayValue	I	Holding Register (4x)	0300	RW		1	sec	Alarm setting	Alarm delay alarm supply air fan 4	
AlaData.Ala_AlarmSAF5_DelayValue	I	Holding Register (4x)	0301	RW		1	sec	Alarm setting	Alarm delay alarm supply air fan 5	
AlaData.Ala_AlarmEAF1_DelayValue	I	Holding Register (4x)	0302	RW		1	sec	Alarm setting	Alarm delay alarm extract air fan 1	
AlaData.Ala_AlarmEAF2_DelayValue	I	Holding Register (4x)	0303	RW		1	sec	Alarm setting	Alarm delay alarm extract air fan 2	
AlaData.Ala_AlarmEAF3_DelayValue	I	Holding Register (4x)	0304	RW		1	sec	Alarm setting	Alarm delay alarm extract air fan 3	
AlaData.Ala_AlarmEAF4_DelayValue	I	Holding Register (4x)	0305	RW		1	sec	Alarm setting	Alarm delay alarm extract air fan 4	
AlaData.Ala_AlarmEAF5_DelayValue	I	Holding Register (4x)	0306	RW		1	sec	Alarm setting	Alarm delay alarm extract air fan 5	
AlaData.Ala_WarningSAF1_DelayValue	I	Holding Register (4x)	0307	RW		1	sec	Alarm setting	Alarm delay warning supply air fan 1	
AlaData.Ala_WarningSAF2_DelayValue	I	Holding Register (4x)	0308	RW		1	sec	Alarm setting	Alarm delay warning supply air fan 2	
AlaData.Ala_WarningSAF3_DelayValue	I	Holding Register (4x)	0309	RW		1	sec	Alarm setting	Alarm delay warning supply air fan 3	
AlaData.Ala_WarningSAF4_DelayValue	I	Holding Register (4x)	0310	RW		1	sec	Alarm setting	Alarm delay warning supply air fan 4	
AlaData.Ala_WarningSAF5_DelayValue	I	Holding Register (4x)	0311	RW		1	sec	Alarm setting	Alarm delay warning supply air fan 5	
AlaData.Ala_WarningEAF1_DelayValue	I	Holding Register (4x)	0312	RW		1	sec	Alarm setting	Alarm delay warning extract air fan 1	
AlaData.Ala_WarningEAF2_DelayValue	I	Holding Register (4x)	0313	RW		1	sec	Alarm setting	Alarm delay warning extract air fan 2	
AlaData.Ala_WarningEAF3_DelayValue	I	Holding Register (4x)	0314	RW		1	sec	Alarm setting	Alarm delay warning extract air fan 3	
AlaData.Ala_WarningEAF4_DelayValue	I	Holding Register (4x)	0315	RW		1	sec	Alarm setting	Alarm delay warning extract air fan 4	
AlaData.Ala_WarningEAF5_DelayValue	I	Holding Register (4x)	0316	RW		1	sec	Alarm setting	Alarm delay warning extract air fan 5	
AlaData.Ala_ExternalRunSAF_DelayValue	I	Holding Register (4x)	0317	RW		1	sec	Alarm setting	Alarm delay external operation supply air fan	
AlaData.Ala_ExternalRunEAF_DelayValue	I	Holding Register (4x)	0318	RW		1	sec	Alarm setting	Alarm delay external operation extract air fan	
AlaData.Ala_ExternalRunMotor1_DelayValue	I	Holding Register (4x)	0319	RW		1	sec	Alarm setting	Alarm delay extra fan motor 1 running	
AlaData.Ala_ExternalRunMotor2_DelayValue	I	Holding Register (4x)	0320	RW		1	sec	Alarm setting	Alarm delay extra fan motor 2 running	
AlaData.Ala_MalfunctionPumpHeater_DelayValue	I	Holding Register (4x)	0321	RW		1	sec	Alarm setting	Alarm delay malfunction pump heater	
AlaData.Ala_MalfunctionPumpCooler_DelayValue	I	Holding Register (4x)	0322	RW		1	sec	Alarm setting	Alarm delay malfunction pump cooler	
AlaData.Ala_MalfunctionPumpExchanger_DelayValue	I	Holding Register (4x)	0323	RW		1	sec	Alarm setting	Alarm delay malfunction pump exchanger	
AlaData.Ala_MalfunctionFireDamper_DelayValue	I	Holding Register (4x)	0324	RW		1	sec	Alarm setting	Alarm delay malfunction fire damper	
AlaData.Ala_MalfunctionDamper_DelayValue	I	Holding Register (4x)	0325	RW		1	sec	Alarm setting	Alarm delay malfunction damper	
AlaData.Ala_MalfunctionMotor1_DelayValue	I	Holding Register (4x)	0326	RW		1	sec	Alarm setting	Alarm delay malfunction extra fan motor 1	
AlaData.Ala_MalfunctionMotor2_DelayValue	I	Holding Register (4x)	0327	RW		1	sec	Alarm setting	Alarm delay malfunction extra fan motor 2	
AlaData.Ala_FireDamperExerciseStop_DelayValue	I	Holding Register (4x)	0328	RW		1	sec	Alarm setting	Alarm delay fire damper exercise stop	
AlaData.Ala_MalfunctionPumpSequence1_DelayValue	I	Holding Register (4x)	0329	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-A	
AlaData.Ala_MalfunctionPumpSequence2_DelayValue	I	Holding Register (4x)	0330	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-B	
AlaData.Ala_MalfunctionPumpSequence3_DelayValue	I	Holding Register (4x)	0331	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-C	
AlaData.Ala_MalfunctionPumpSequence4_DelayValue	I	Holding Register (4x)	0332	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-D	
AlaData.Ala_MalfunctionPumpSequence5_DelayValue	I	Holding Register (4x)	0333	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-E	
AlaData.Ala_MalfunctionPumpSequence6_DelayValue	I	Holding Register (4x)	0334	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-F	
AlaData.Ala_MalfunctionPumpSequence7_DelayValue	I	Holding Register (4x)	0335	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-G	
AlaData.Ala_MalfunctionPumpSequence8_DelayValue	I	Holding Register (4x)	0336	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-H	
AlaData.Ala_MalfunctionPumpSequence9_DelayValue	I	Holding Register (4x)	0337	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-I	
AlaData.Ala_MalfunctionPumpSequence10_DelayValue	I	Holding Register (4x)	0338	RW		1	sec	Alarm setting	Alarm delay malfunction pump sequence-J	
AlaData.Ala_FilterGuard1_DelayValue	I	Holding Register (4x)	0339	RW		1	sec	Alarm setting	Alarm delay filter alarm supply air	
AlaData.Ala_FilterGuard2_DelayValue	I	Holding Register (4x)	0340	RW		1	sec	Alarm setting	Alarm delay filter alarm extract air	
AlaData.Ala_FlowGuard_DelayValue	I	Holding Register (4x)	0341	RW		1	sec	Alarm setting	Alarm delay alarm low air flow	
AlaData.Ala_ExternalFrostGuard_DelayValue	I	Holding Register (4x)	0342	RW		1	sec	Alarm setting	Alarm delay freeze protection guard	
AlaData.Ala_DeicingGuard_DelayValue	I	Holding Register (4x)	0343	RW		1	sec	Alarm setting	Alarm delay defrosting guard exchanger	
AlaData.Ala_FireAlarm_DelayValue	I	Holding Register (4x)	0344	RW		1	sec	Alarm setting	Alarm delay fire alarm	
AlaData.Ala_SmokeAlarm_DelayValue	I	Holding Register (4x)	0345	RW		1	sec	Alarm setting	Alarm delay smoke alarm	
AlaData.Ala_ExternalSwitch_DelayValue	I	Holding Register (4x)	0346	RW		1	sec	Alarm setting	Alarm delay external stop	

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AlaData.Ala_ExternalAlarm_DelayValue	I	Holding Register (4x)	0347	RW		1	sec	Alarm setting	Alarm delay external alarm	
AlaData.Ala_ServiceStop_DelayValue	I	Holding Register (4x)	0348	RW		1	sec	Alarm setting	Alarm delay service stop	
AlaData.Ala_ElectricOverheat_DelayValue	I	Holding Register (4x)	0349	RW		1	sec	Alarm setting	Alarm delay electric heater is overheated	
AlaData.Ala_FrostRisk_DelayValue	I	Holding Register (4x)	0350	RW		1	sec	Alarm setting	Alarm delay warning freeze protection	
AlaData.Ala_LowEfficiency_DelayValue	I	Holding Register (4x)	0351	RW		1	min	Alarm setting	Alarm delay low efficiency exchanger	
AlaData.Ala_AnalogueDeicing_DelayValue	I	Holding Register (4x)	0352	RW		1	sec	Alarm setting	Alarm delay defrosting alarm	
AlaData.Ala_RotationguardExchanger_DelayValue	I	Holding Register (4x)	0353	RW		1	sec	Alarm setting	Alarm delay rotary exchanger alarm	
AlaData.Ala_ExtraAlarm1_DelayValue	I	Holding Register (4x)	0354	RW		1	sec	Alarm setting	Alarm delay extra alarm 1	
AlaData.Ala_ExtraAlarm2_DelayValue	I	Holding Register (4x)	0355	RW		1	sec	Alarm setting	Alarm delay extra alarm 2	
AlaData.Ala_ExtraAlarm3_DelayValue	I	Holding Register (4x)	0356	RW		1	sec	Alarm setting	Alarm delay extra alarm 3	
AlaData.Ala_ExtraAlarm4_DelayValue	I	Holding Register (4x)	0357	RW		1	sec	Alarm setting	Alarm delay extra alarm 4	
AlaData.Ala_ExtraAlarm5_DelayValue	I	Holding Register (4x)	0358	RW		1	sec	Alarm setting	Alarm delay extra alarm 5	
AlaData.Ala_ExtraAlarm6_DelayValue	I	Holding Register (4x)	0359	RW		1	sec	Alarm setting	Alarm delay extra alarm 6	
AlaData.Ala_ExtraAlarm7_DelayValue	I	Holding Register (4x)	0360	RW		1	sec	Alarm setting	Alarm delay extra alarm 7	
AlaData.Ala_ExtraAlarm8_DelayValue	I	Holding Register (4x)	0361	RW		1	sec	Alarm setting	Alarm delay extra alarm 8	
AlaData.Ala_ExtraAlarm9_DelayValue	I	Holding Register (4x)	0362	RW		1	sec	Alarm setting	Alarm delay extra alarm 9	
AlaData.Ala_ExtraAlarm10_DelayValue	I	Holding Register (4x)	0363	RW		1	sec	Alarm setting	Alarm delay extra alarm 10	
AlaData.Ala_BatteryFail_DelayValue	I	Holding Register (4x)	0364	RW		1	sec	Alarm setting	Alarm delay internal battery error	
AlaData.Ala_Service_DelayValue	I	Holding Register (4x)	0365	RW		1	sec	Alarm setting	Alarm delay alarm service interval	
AlaData.Ala_RestartBlocked_DelayValue	I	Holding Register (4x)	0366	RW		1	sec	Alarm setting	Alarm delay restart blocked after power on	
AlaData.Ala_ControlErrorSupplyTemp_DelayValue	I	Holding Register (4x)	0367	RW		1	min	Alarm setting	Alarm delay deviation alarm supply air temperature	
AlaData.Ala_ControlErrorSAF_DelayValue	I	Holding Register (4x)	0368	RW		1	min	Alarm setting	Alarm delay deviation alarm supply air fan	
AlaData.Ala_ControlErrorEAF_DelayValue	I	Holding Register (4x)	0369	RW		1	min	Alarm setting	Alarm delay deviation alarm extract air fan	
AlaData.Ala_ControlErrorHumidity_DelayValue	I	Holding Register (4x)	0370	RW		1	min	Alarm setting	Alarm delay deviation alarm humidity control	
AlaData.Ala_ControlErrorExtraController_DelayValue	I	Holding Register (4x)	0371	RW		1	min	Alarm setting	Alarm delay deviation alarm extra controller	
AlaData.Ala_HighTempSupply_DelayValue	I	Holding Register (4x)	0372	RW		1	sec	Alarm setting	Alarm delay high supply air temperature	
AlaData.Ala_LowTempSupply_DelayValue	I	Holding Register (4x)	0373	RW		1	sec	Alarm setting	Alarm delay low supply air temperature	
AlaData.Ala_MaxLimitTempSupply_DelayValue	I	Holding Register (4x)	0374	RW		1	sec	Alarm setting	Alarm delay supply air temperature max limit	
AlaData.Ala_MinLimitTempSupply_DelayValue	I	Holding Register (4x)	0375	RW		1	sec	Alarm setting	Alarm delay supply air temperature min limit	
AlaData.Ala_HighTempRoom_DelayValue	I	Holding Register (4x)	0376	RW		1	min	Alarm setting	Alarm delay high room temperature	
AlaData.Ala_LowTempRoom_DelayValue	I	Holding Register (4x)	0377	RW		1	min	Alarm setting	Alarm delay low room temperature	
AlaData.Ala_HighTempExtract_DelayValue	I	Holding Register (4x)	0378	RW		1	min	Alarm setting	Alarm delay high extract air temperature	
AlaData.Ala_LowTempExtract_DelayValue	I	Holding Register (4x)	0379	RW		1	min	Alarm setting	Alarm delay low extract air temperature	
AlaData.Ala_HighTempOutdoor_DelayValue	I	Holding Register (4x)	0380	RW		1	min	Alarm setting	Alarm delay high outdoor air temperature	
AlaData.Ala_LowTempOutdoor_DelayValue	I	Holding Register (4x)	0381	RW		1	min	Alarm setting	Alarm delay low outdoor air temperature	
AlaData.Ala_LowTempFrostGuard1_DelayValue	I	Holding Register (4x)	0382	RW		1	sec	Alarm setting	Alarm delay freeze protection alarm 1	
AlaData.Ala_LowTempFrostGuard2_DelayValue	I	Holding Register (4x)	0383	RW		1	sec	Alarm setting	Alarm delay freeze protection alarm 2	
AlaData.Ala_LowTempFrostGuard3_DelayValue	I	Holding Register (4x)	0384	RW		1	sec	Alarm setting	Alarm delay freeze protection alarm 3	
AlaData.Ala_HighTempExtraSensor1_DelayValue	I	Holding Register (4x)	0385	RW		1	min	Alarm setting	Alarm delay high limit extra sensor 1	
AlaData.Ala_LowTempExtraSensor1_DelayValue	I	Holding Register (4x)	0386	RW		1	min	Alarm setting	Alarm delay low limit extra sensor 1	
AlaData.Ala_HighTempExtraSensor2_DelayValue	I	Holding Register (4x)	0387	RW		1	min	Alarm setting	Alarm delay high limit extra sensor 2	
AlaData.Ala_LowTempExtraSensor2_DelayValue	I	Holding Register (4x)	0388	RW		1	min	Alarm setting	Alarm delay low limit extra sensor 2	
AlaData.Ala_HighTempExtraSensor3_DelayValue	I	Holding Register (4x)	0389	RW		1	min	Alarm setting	Alarm delay high limit extra sensor 3	
AlaData.Ala_LowTempExtraSensor3_DelayValue	I	Holding Register (4x)	0390	RW		1	min	Alarm setting	Alarm delay low limit extra sensor 3	
AlaData.Ala_HighTempExtraSensor4_DelayValue	I	Holding Register (4x)	0391	RW		1	min	Alarm setting	Alarm delay high limit extra sensor 4	
AlaData.Ala_LowTempExtraSensor4_DelayValue	I	Holding Register (4x)	0392	RW		1	min	Alarm setting	Alarm delay low limit extra sensor 4	
AlaData.Ala_HighTempExtraSensor5_DelayValue	I	Holding Register (4x)	0393	RW		1	min	Alarm setting	Alarm delay high limit extra sensor 5	
AlaData.Ala_LowTempExtraSensor5_DelayValue	I	Holding Register (4x)	0394	RW		1	min	Alarm setting	Alarm delay low limit extra sensor 5	
AlaData.Ala_HighTempSelectedSensor1_DelayValue	I	Holding Register (4x)	0395	RW		1	min	Alarm setting	Alarm delay high limit selected sensor 1	

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Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
AlaData.Ala_LowTempSelectedSensor1_DelayValue	I	Holding Register (4x)	0396	RW		1	min	Alarm setting	Alarm delay low limit selected sensor 1	
AlaData.Ala_HighTempSelectedSensor2_DelayValue	I	Holding Register (4x)	0397	RW		1	min	Alarm setting	Alarm delay high limit selected sensor 2	
AlaData.Ala_LowTempSelectedSensor2_DelayValue	I	Holding Register (4x)	0398	RW		1	min	Alarm setting	Alarm delay low limit selected sensor 2	
AlaData.Ala_ManualControlUnit_DelayValue	I	Holding Register (4x)	0399	RW		1	sec	Alarm setting	Alarm delay manual operation air handling unit	
AlaData.Ala_ManualControlSupply_DelayValue	I	Holding Register (4x)	0400	RW		1	sec	Alarm setting	Alarm delay manual operation supply air	
AlaData.Ala_ManualControlSAF_DelayValue	I	Holding Register (4x)	0401	RW		1	sec	Alarm setting	Alarm delay manual operation supply air fan	
AlaData.Ala_ManualControlEAF_DelayValue	I	Holding Register (4x)	0402	RW		1	sec	Alarm setting	Alarm delay manual operation extract air fan	
AlaData.Ala_ManualControlHeater_DelayValue	I	Holding Register (4x)	0403	RW		1	sec	Alarm setting	Alarm delay manual operation heater	
AlaData.Ala_ManualControlExchanger_DelayValue	I	Holding Register (4x)	0404	RW		1	sec	Alarm setting	Alarm delay manual operation exchanger	
AlaData.Ala_ManualControlCooler_DelayValue	I	Holding Register (4x)	0405	RW		1	sec	Alarm setting	Alarm delay manual operation cooler	
AlaData.Ala_ManualControlDamper_DelayValue	I	Holding Register (4x)	0406	RW		1	sec	Alarm setting	Alarm delay manual operation damper	
AlaData.Ala_ManualControlPumpHeater_DelayValue	I	Holding Register (4x)	0407	RW		1	sec	Alarm setting	Alarm delay manual operation pump heater	
AlaData.Ala_ManualControlPumpExchanger_DelayValue	I	Holding Register (4x)	0408	RW		1	sec	Alarm setting	Alarm delay manual operation pump exchanger	
AlaData.Ala_ManualControlPumpCooler_DelayValue	I	Holding Register (4x)	0409	RW		1	sec	Alarm setting	Alarm delay manual operation pump cooler	
AlaData.Ala_ManualControlDamperRecirculation_DelayValue	I	Holding Register (4x)	0410	RW		1	sec	Alarm setting	Alarm delay manual operation damper recirculation	
AlaData.Ala_ManualControlDamperOutdoor_DelayValue	I	Holding Register (4x)	0411	RW		1	sec	Alarm setting	Alarm delay manual operation damper outdoor air	
AlaData.Ala_ManualControlDamperExhaust_DelayValue	I	Holding Register (4x)	0412	RW		1	sec	Alarm setting	Alarm delay manual operation damper exhaust air	
AlaData.Ala_ManualControlDamperFire_DelayValue	I	Holding Register (4x)	0413	RW		1	sec	Alarm setting	Alarm delay manual operation fire damper	
AlaData.Ala_ManualControlSequence1_DelayValue	I	Holding Register (4x)	0414	RW		1	sec	Alarm setting	Alarm delay manual control sequence-A	
AlaData.Ala_ManualControlSequence2_DelayValue	I	Holding Register (4x)	0415	RW		1	sec	Alarm setting	Alarm delay manual control sequence-B	
AlaData.Ala_ManualControlSequence3_DelayValue	I	Holding Register (4x)	0416	RW		1	sec	Alarm setting	Alarm delay manual control sequence-C	
AlaData.Ala_ManualControlSequence4_DelayValue	I	Holding Register (4x)	0417	RW		1	sec	Alarm setting	Alarm delay manual control sequence-D	
AlaData.Ala_ManualControlSequence5_DelayValue	I	Holding Register (4x)	0418	RW		1	sec	Alarm setting	Alarm delay manual control sequence-E	
AlaData.Ala_ManualControlSequence6_DelayValue	I	Holding Register (4x)	0419	RW		1	sec	Alarm setting	Alarm delay manual control sequence-F	
AlaData.Ala_ManualControlSequence7_DelayValue	I	Holding Register (4x)	0420	RW		1	sec	Alarm setting	Alarm delay manual control sequence-G	
AlaData.Ala_ManualControlSequence8_DelayValue	I	Holding Register (4x)	0421	RW		1	sec	Alarm setting	Alarm delay manual control sequence-H	
AlaData.Ala_ManualControlSequence9_DelayValue	I	Holding Register (4x)	0422	RW		1	sec	Alarm setting	Alarm delay manual control sequence-I	
AlaData.Ala_ManualControlSequence10_DelayValue	I	Holding Register (4x)	0423	RW		1	sec	Alarm setting	Alarm delay manual control sequence-J	
AlaData.Ala_ManualControlOutput_DelayValue	I	Holding Register (4x)	0424	RW		1	sec	Alarm setting	Alarm delay output in manual operation	
AlaData.Ala_ManualControlInput_DelayValue	I	Holding Register (4x)	0425	RW		1	sec	Alarm setting	Alarm delay input in manual operation	
AlaData.Ala_ManualControlExtraController_DelayValue	I	Holding Register (4x)	0426	RW		1	sec	Alarm setting	Alarm delay manual operation extra controller	
AlaData.Ala_ManualControlMotor1_DelayValue	I	Holding Register (4x)	0427	RW		1	sec	Alarm setting	Alarm delay manual operation external fan motor 1	
AlaData.Ala_ManualControlMotor2_DelayValue	I	Holding Register (4x)	0428	RW		1	sec	Alarm setting	Alarm delay manual operation external fan motor 2	
AlaData.Ala_ManualControlPretreatment_DelayValue	I	Holding Register (4x)	0429	RW		1	sec	Alarm setting	Alarm delay manual operation pretreatment	
AlaData.Ala_SensorErrorTempOutdoor_DelayValue	I	Holding Register (4x)	0430	RW		1	sec	Alarm setting	Alarm delay sensor error outdoor air temperature	
AlaData.Ala_SensorErrorTempIntake_DelayValue	I	Holding Register (4x)	0431	RW		1	sec	Alarm setting	Alarm delay sensor error intake air temperature	
AlaData.Ala_SensorErrorTempSupply_DelayValue	I	Holding Register (4x)	0432	RW		1	sec	Alarm setting	Alarm delay sensor error supply air temperature	
AlaData.Ala_SensorErrorTempExhaust_DelayValue	I	Holding Register (4x)	0433	RW		1	sec	Alarm setting	Alarm delay sensor error exhaust air temperature	
AlaData.Ala_SensorErrorTempExtract_DelayValue	I	Holding Register (4x)	0434	RW		1	sec	Alarm setting	Alarm delay sensor error extract air temperature	
AlaData.Ala_SensorErrorTempRoom1_DelayValue	I	Holding Register (4x)	0435	RW		1	sec	Alarm setting	Alarm delay sensor error room temperature 1	
AlaData.Ala_SensorErrorTempRoom2_DelayValue	I	Holding Register (4x)	0436	RW		1	sec	Alarm setting	Alarm delay sensor error room temperature 2	
AlaData.Ala_SensorErrorTempRoom3_DelayValue	I	Holding Register (4x)	0437	RW		1	sec	Alarm setting	Alarm delay sensor error room temperature 3	
AlaData.Ala_SensorErrorTempRoom4_DelayValue	I	Holding Register (4x)	0438	RW		1	sec	Alarm setting	Alarm delay sensor error room temperature 4	
AlaData.Ala_SensorErrorPressureSAF_DelayValue	I	Holding Register (4x)	0439	RW		1	sec	Alarm setting	Alarm delay sensor error pressure supply air	
AlaData.Ala_SensorErrorPressureEAF_DelayValue	I	Holding Register (4x)	0440	RW		1	sec	Alarm setting	Alarm delay sensor error pressure extract air	
AlaData.Ala_SensorErrorFlowSAF_DelayValue	I	Holding Register (4x)	0441	RW		1	sec	Alarm setting	Alarm delay sensor error flow supply air	
AlaData.Ala_SensorErrorFlowEAF_DelayValue	I	Holding Register (4x)	0442	RW		1	sec	Alarm setting	Alarm delay sensor error flow extract air	
AlaData.Ala_SensorPressureExchangerSAF_DelayValue	I	Holding Register (4x)	0443	RW		1	sec	Alarm setting	Alarm delay sensor error flow exchanger supply air	
AlaData.Ala_SensorPressureExchangerEAF_DelayValue	I	Holding Register (4x)	0444	RW		1	sec	Alarm setting	Alarm delay sensor error pressure exchanger extract air	

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Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
AlaData.Ala_SensorErrorTempDeicing_DelayValue	I	Holding Register (4x)	0445	RW		1	sec	Alarm setting	Alarm delay sensor error defrosting temperature	
AlaData.Ala_SensorErrorTempFrost1_DelayValue	I	Holding Register (4x)	0446	RW		1	sec	Alarm setting	Alarm delay sensor error freeze protection temperature 1	
AlaData.Ala_SensorErrorTempFrost2_DelayValue	I	Holding Register (4x)	0447	RW		1	sec	Alarm setting	Alarm delay sensor error freeze protection temperature 2	
AlaData.Ala_SensorErrorTempFrost3_DelayValue	I	Holding Register (4x)	0448	RW		1	sec	Alarm setting	Alarm delay sensor error freeze protection temperature 3	
AlaData.Ala_SensorErrorCO2_DelayValue	I	Holding Register (4x)	0449	RW		1	sec	Alarm setting	Alarm delay sensor error CO2 room/extract air	
AlaData.Ala_SensorErrorHumidityRoom_DelayValue	I	Holding Register (4x)	0450	RW		1	sec	Alarm setting	Alarm delay sensor error humidity room/extract air	
AlaData.Ala_SensorErrorHumidityDuct_DelayValue	I	Holding Register (4x)	0451	RW		1	sec	Alarm setting	Alarm delay sensor error humidity supply air	
AlaData.Ala_SensorErrorTempExtraController_DelayValue	I	Holding Register (4x)	0452	RW		1	sec	Alarm setting	Alarm delay sensor error extra controller	
AlaData.Ala_SensorErrorExtCtrlSAF_DelayValue	I	Holding Register (4x)	0453	RW		1	sec	Alarm setting	Alarm delay signal error external control supply air fan	
AlaData.Ala_SensorErrorExtCtrlEAF_DelayValue	I	Holding Register (4x)	0454	RW		1	sec	Alarm setting	Alarm delay signal error external control extract air fan	
AlaData.Ala_SensorErrorHumidityOutdoor_DelayValue	I	Holding Register (4x)	0455	RW		1	sec	Alarm setting	Alarm delay sensor error humidity outdoor	
AlaData.Ala_SensorErrorTempExtraSensor1_DelayValue	I	Holding Register (4x)	0456	RW		1	sec	Alarm setting	Alarm delay sensor error extra sensor 1	
AlaData.Ala_SensorErrorTempExtraSensor2_DelayValue	I	Holding Register (4x)	0457	RW		1	sec	Alarm setting	Alarm delay sensor error extra sensor 2	
AlaData.Ala_SensorErrorTempExtraSensor3_DelayValue	I	Holding Register (4x)	0458	RW		1	sec	Alarm setting	Alarm delay sensor error extra sensor 3	
AlaData.Ala_SensorErrorTempExtraSensor4_DelayValue	I	Holding Register (4x)	0459	RW		1	sec	Alarm setting	Alarm delay sensor error extra sensor 4	
AlaData.Ala_SensorErrorTempExtraSensor5_DelayValue	I	Holding Register (4x)	0460	RW		1	sec	Alarm setting	Alarm delay sensor error extra sensor 5	
AlaData.Ala_SensorErrorExtSupplySetp_DelayValue	I	Holding Register (4x)	0461	RW		1	sec	Alarm setting	Alarm delay sensor error external temperature setpoint	
AlaData.Ala_SensorErrorExtFlowSetpoint_DelayValue	I	Holding Register (4x)	0462	RW		1	sec	Alarm setting	Alarm delay signal error external flow setpoint	
AlaData.Ala_SensorErrorFilterGuard1_DelayValue	I	Holding Register (4x)	0463	RW		1	sec	Alarm setting	Alarm delay sensor error pressure filter supply air	
AlaData.Ala_SensorErrorFilterGuard2_DelayValue	I	Holding Register (4x)	0464	RW		1	sec	Alarm setting	Alarm delay sensor error pressure filter extract air	
AlaData.Ala_SensorErrorTempEfficiency_DelayValue	I	Holding Register (4x)	0465	RW		1	sec	Alarm setting	Alarm delay sensor error efficiency temperature exchanger	
AlaData.Ala_CommErrorDevice_DelayValue	I	Holding Register (4x)	0466	RW		1	sec	Alarm setting	Alarm delay communication fault device	
AlaData.Ala_MalfunctionExtraController_DelayValue	I	Holding Register (4x)	0467	RW		1	sec	Alarm setting	Alarm delay malfunction extra controller	
AlaData.Ala_InternalError_DelayValue	I	Holding Register (4x)	0468	RW		1	sec	Alarm setting	Alarm delay internal error	
AlaData.Ala_SmokeDetectorService_DelayValue	I	Holding Register (4x)	0469	RW		1	sec	Alarm setting	Alarm delay service smoke detector	
AlaData.Ala_SmokeDetectorError_DelayValue	I	Holding Register (4x)	0470	RW		1	sec	Alarm setting	Alarm delay connection error smoke detector	
AlaData.Ala_MalfunctionPreheater_DelayValue	I	Holding Register (4x)	0471	RW		1	sec	Alarm setting	Alarm delay malfunction preheater	4.1-1-00
AlaData.Ala_CommunicationFaultBMS_DelayValue	I	Holding Register (4x)	0472	RW		1	sec	Alarm setting	Alarm delay communication fault BMS master	4.1-1-00
AlaData.Ala_LeakageHeaterValve_DelayValue	I	Holding Register (4x)	0473	RW		1	min	Alarm setting	Alarm delay leakage heater valve	4.1-1-00
AlaData.Ala_SensorErrorTempPreheat_DelayValue	I	Holding Register (4x)	0474	RW		1	sec	Alarm setting	Alarm delay sensor error preheater temperature	4.1-1-00
AlaData.Ala_MalfunctionSAF6_DelayValue	I	Holding Register (4x)	0475	RW		1	sec	Alarm setting	Alarm delay malfunction supply air fan 6	4.3-1-00
AlaData.Ala_MalfunctionSAF7_DelayValue	I	Holding Register (4x)	0476	RW		1	sec	Alarm setting	Alarm delay malfunction supply air fan 7	4.3-1-00
AlaData.Ala_MalfunctionSAF8_DelayValue	I	Holding Register (4x)	0477	RW		1	sec	Alarm setting	Alarm delay Malfunction supply air fan 8	4.3-1-00
AlaData.Ala_MalfunctionEAF6_DelayValue	I	Holding Register (4x)	0478	RW		1	sec	Alarm setting	Alarm delay malfunction extract air fan 6	4.3-1-00
AlaData.Ala_MalfunctionEAF7_DelayValue	I	Holding Register (4x)	0479	RW		1	sec	Alarm setting	Alarm delay malfunction extract air fan 7	4.3-1-00
AlaData.Ala_MalfunctionEAF8_DelayValue	I	Holding Register (4x)	0480	RW		1	sec	Alarm setting	Alarm delay malfunction extract air fan 8	4.3-1-00
AlaData.Ala_AlarmSAF6_DelayValue	I	Holding Register (4x)	0481	RW		1	sec	Alarm setting	Alarm delay alarm supply air fan 6	4.3-1-00
AlaData.Ala_AlarmSAF7_DelayValue	I	Holding Register (4x)	0482	RW		1	sec	Alarm setting	Alarm delay alarm supply air fan 7	4.3-1-00
AlaData.Ala_AlarmSAF8_DelayValue	I	Holding Register (4x)	0483	RW		1	sec	Alarm setting	Alarm delay alarm supply air fan 8	4.3-1-00
AlaData.Ala_AlarmEAF6_DelayValue	I	Holding Register (4x)	0484	RW		1	sec	Alarm setting	Alarm delay alarm extract air fan 6	4.3-1-00
AlaData.Ala_AlarmEAF7_DelayValue	I	Holding Register (4x)	0485	RW		1	sec	Alarm setting	Alarm delay alarm extract air fan 7	4.3-1-00
AlaData.Ala_AlarmEAF8_DelayValue	I	Holding Register (4x)	0486	RW		1	sec	Alarm setting	Alarm delay alarm extract air fan 8	4.3-1-00
AlaData.Ala_WarningSAF6_DelayValue	I	Holding Register (4x)	0487	RW		1	sec	Alarm setting	Alarm delay warning supply air fan 6	4.3-1-00
AlaData.Ala_WarningSAF7_DelayValue	I	Holding Register (4x)	0488	RW		1	sec	Alarm setting	Alarm delay warning supply air fan 7	4.3-1-00
AlaData.Ala_WarningSAF8_DelayValue	I	Holding Register (4x)	0489	RW		1	sec	Alarm setting	Alarm delay warning supply air fan 8	4.3-1-00
AlaData.Ala_WarningEAF6_DelayValue	I	Holding Register (4x)	0490	RW		1	sec	Alarm setting	Alarm delay warning extract air fan 6	4.3-1-00
AlaData.Ala_WarningEAF7_DelayValue	I	Holding Register (4x)	0491	RW		1	sec	Alarm setting	Alarm delay warning extract air fan 7	4.3-1-00
AlaData.Ala_WarningEAF8_DelayValue	I	Holding Register (4x)	0492	RW		1	sec	Alarm setting	Alarm delay warning extract air fan 8	4.3-1-00
AlaData.Ala_MalfunctionHeatingZone1_DelayValue	I	Holding Register (4x)	0493	RW		1	sec	Alarm setting	Alarm delay malfunction heating zone 1	4.3-1-00

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Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
AlaData.Ala_MalfunctionHeatingZone2_DelayValue	I	Holding Register (4x)	0494	RW		1	sec	Alarm setting	Alarm delay malfunction heating zone 2	4.3-1-00
AlaData.Ala_MalfunctionHeatingZone3_DelayValue	I	Holding Register (4x)	0495	RW		1	sec	Alarm setting	Alarm delay malfunction heating zone 3	4.3-1-00
AlaData.Ala_MalfunctionCoolingZone1_DelayValue	I	Holding Register (4x)	0496	RW		1	sec	Alarm setting	Alarm delay malfunction cooling zone 1	4.3-1-00
AlaData.Ala_MalfunctionCoolingZone2_DelayValue	I	Holding Register (4x)	0497	RW		1	sec	Alarm setting	Alarm delay malfunction cooling zone 2	4.3-1-00
AlaData.Ala_MalfunctionCoolingZone3_DelayValue	I	Holding Register (4x)	0498	RW		1	sec	Alarm setting	Alarm delay malfunction cooling zone 3	4.3-1-00
AlaData.Ala_ControlErrorSupplyTempZone1_DelayValue	I	Holding Register (4x)	0499	RW		1	min	Alarm setting	Alarm delay deviation alarm supply temperature zone 1	4.3-1-00
AlaData.Ala_ControlErrorSupplyTempZone2_DelayValue	I	Holding Register (4x)	0500	RW		1	min	Alarm setting	Alarm delay deviation alarm supply temperature zone 2	4.3-1-00
AlaData.Ala_ControlErrorSupplyTempZone3_DelayValue	I	Holding Register (4x)	0501	RW		1	min	Alarm setting	Alarm delay deviation alarm supply temperature zone 3	4.3-1-00
AlaData.Ala_LowTempFrostGuardZone1_DelayValue	I	Holding Register (4x)	0502	RW		1	sec	Alarm setting	Alarm delay freeze protection alarm zone 1	4.3-1-00
AlaData.Ala_LowTempFrostGuardZone2_DelayValue	I	Holding Register (4x)	0503	RW		1	sec	Alarm setting	Alarm delay freeze protection alarm zone 2	4.3-1-00
AlaData.Ala_LowTempFrostGuardZone3_DelayValue	I	Holding Register (4x)	0504	RW		1	sec	Alarm setting	Alarm delay freeze protection alarm zone 3	4.3-1-00
AlaData.Ala_ElectricOverheatZone1_DelayValue	I	Holding Register (4x)	0505	RW		1	sec	Alarm setting	Alarm delay electric heater is overheated zone 1	4.3-1-00
AlaData.Ala_ElectricOverheatZone2_DelayValue	I	Holding Register (4x)	0506	RW		1	sec	Alarm setting	Alarm delay electric heater is overheated zone 2	4.3-1-00
AlaData.Ala_ElectricOverheatZone3_DelayValue	I	Holding Register (4x)	0507	RW		1	sec	Alarm setting	Alarm delay electric heater is overheated zone 3	4.3-1-00
AlaData.Ala_SensorErrorTempSupplyZone1_DelayValue	I	Holding Register (4x)	0508	RW		1	sec	Alarm setting	Alarm delay sensor error supply air temp zone 1	4.3-1-00
AlaData.Ala_SensorErrorTempSupplyZone2_DelayValue	I	Holding Register (4x)	0509	RW		1	sec	Alarm setting	Alarm delay sensor error supply air temp zone 2	4.3-1-00
AlaData.Ala_SensorErrorTempSupplyZone3_DelayValue	I	Holding Register (4x)	0510	RW		1	sec	Alarm setting	Alarm delay sensor error supply air temp zone 3	4.3-1-00
AlaData.Ala_SensorErrorTempRoomZone1_DelayValue	I	Holding Register (4x)	0511	RW		1	sec	Alarm setting	Alarm delay sensor error room temp zone 1	4.3-1-00
AlaData.Ala_SensorErrorTempRoomZone2_DelayValue	I	Holding Register (4x)	0512	RW		1	sec	Alarm setting	Alarm delay sensor error room temp zone 2	4.3-1-00
AlaData.Ala_SensorErrorTempRoomZone3_DelayValue	I	Holding Register (4x)	0513	RW		1	sec	Alarm setting	Alarm delay sensor error room temp zone 3	4.3-1-00
AlaData.Ala_SensorErrorTempExtractZone1_DelayValue	I	Holding Register (4x)	0514	RW		1	sec	Alarm setting	Alarm delay sensor error extract temp zone 1	4.3-1-00
AlaData.Ala_SensorErrorTempExtractZone2_DelayValue	I	Holding Register (4x)	0515	RW		1	sec	Alarm setting	Alarm delay sensor error extract temp zone 2	4.3-1-00
AlaData.Ala_SensorErrorTempExtractZone3_DelayValue	I	Holding Register (4x)	0516	RW		1	sec	Alarm setting	Alarm delay sensor error extract temp zone 3	4.3-1-00
AlaData.Ala_SensorErrorTempFrostZone1_DelayValue	I	Holding Register (4x)	0517	RW		1	sec	Alarm setting	Alarm delay sensor error freeze protection zone 1	4.3-1-00
AlaData.Ala_SensorErrorTempFrostZone2_DelayValue	I	Holding Register (4x)	0518	RW		1	sec	Alarm setting	Alarm delay sensor error freeze protection zone 2	4.3-1-00
AlaData.Ala_SensorErrorTempFrostZone3_DelayValue	I	Holding Register (4x)	0519	RW		1	sec	Alarm setting	Alarm delay sensor error freeze protection zone 3	4.3-1-00
AlaData.Ala_SignalErrorFeedbackCoolerValve_DelayValue	I	Holding Register (4x)	0520	RW		1	sec	Alarm setting	Alarm delay signal error feedback cooler valve	4.5-1-00
AlaData.Ala_SignalErrorFeedbackOutdoorDamper_DelayValue	I	Holding Register (4x)	0521	RW		1	sec	Alarm setting	Alarm delay signal error feedback outdoor air damper	4.5-1-00
AlaData.Ala_SignalErrorFeedbackRecircDamper_DelayValue	I	Holding Register (4x)	0522	RW		1	sec	Alarm setting	Alarm delay signal error feedback recirculation damper	4.5-1-00
AlaData.Ala_DeviceWarning_DelayValue	I	Holding Register (4x)	0523	RW		1	sec	Alarm setting	Alarm delay device warning	4.4-1-00
AlaData.Ala_DeviceAlarm_DelayValue	I	Holding Register (4x)	0524	RW		1	sec	Alarm setting	Alarm delay device alarm	4.4-1-00
AlaData.Ala_EATROverpressure_DelayValue	I	Holding Register (4x)	0525	RW		1	sec	Alarm setting	Alarm delay high pressure EATR	4.5-1-00
AlaData.Ala_SensorErrorEATR_DelayValue	I	Holding Register (4x)	0526	RW		1	sec	Alarm setting	Alarm delay sensor error pressure EATR	4.5-1-00
AlaData.Ala_FailSafe_DelayValue	I	Holding Register (4x)	0527	RW		1	sec	Alarm setting	Alarm delay fail-safe airflow/temperature control	4.6-1-00
AlaData.Ala_FilterGuard3_DelayValue	I	Holding Register (4x)	0528	RW		1	sec	Alarm setting	Alarm delay pre-filter alarm supply air	4.6-1-00
AlaData.Ala_FilterGuard4_DelayValue	I	Holding Register (4x)	0529	RW		1	sec	Alarm setting	Alarm delay end-filter alarm supply air	4.6-1-00
AlaData.Ala_FilterGuard5_DelayValue	I	Holding Register (4x)	0530	RW		1	sec	Alarm setting	Alarm delay pre-filter alarm extract air	4.6-1-00
AlaData.Ala_SensorErrorFilterGuard3_DelayValue	I	Holding Register (4x)	0531	RW		1	sec	Alarm setting	Alarm delay sensor error pressure pre-filter supply air	4.6-1-00
AlaData.Ala_SensorErrorFilterGuard4_DelayValue	I	Holding Register (4x)	0532	RW		1	sec	Alarm setting	Alarm delay sensor error pressure end-filter supply air	4.6-1-00
AlaData.Ala_SensorErrorFilterGuard5_DelayValue	I	Holding Register (4x)	0533	RW		1	sec	Alarm setting	Alarm delay sensor error pressure pre-filter extract air	4.6-1-00
VentSettings.S_AirFlowK(10)	R	Holding Register (4x)	0537	RW	AV, 30537	10		Flow calculation	K-constant for calculating air flow: SAF pressure airflow = S_AirFlowK * A_AI_SAFPressure^S_AirFlowx	
VentSettings.S_AirFlowX(10)	R	Holding Register (4x)	0538	RW	AV, 30538	100		Flow calculation	X-constant for calculating air flow: SAF pressure	
VentSettings.S_AirFlowK(11)	R	Holding Register (4x)	0539	RW	AV, 30539	10		Flow calculation	K-constant for calculating air flow: EAF pressure	
VentSettings.S_AirFlowX(11)	R	Holding Register (4x)	0540	RW	AV, 30540	100		Flow calculation	X-constant for calculating air flow: EAF pressure	
VentSettings.S_AirFlowK(12)	R	Holding Register (4x)	0541	RW	AV, 30541	10		Flow calculation	K-constant for calculating air flow: Supply air flow	
VentSettings.S_AirFlowX(12)	R	Holding Register (4x)	0542	RW	AV, 30542	100		Flow calculation	X-constant for calculating air flow: Supply air flow	
VentSettings.S_AirFlowK(13)	R	Holding Register (4x)	0543	RW	AV, 30543	10		Flow calculation	K-constant for calculating air flow: Extract air flow	

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VentSettings.S_AirFlowX(13)	R	Holding Register (4x)	0544	RW	AV, 30544	100		Flow calculation	X-constant for calculating air flow: Extract air flow	
VentSettings.S_AirFlowK(14)	R	Holding Register (4x)	0545	RW	AV, 30545	10		Flow calculation	K-constant for calculating air flow: Exchanger supply flow	
VentSettings.S_AirFlowX(14)	R	Holding Register (4x)	0546	RW	AV, 30546	100		Flow calculation	X-constant for calculating air flow: Exchanger supply flow	
VentSettings.S_AirFlowK(15)	R	Holding Register (4x)	0547	RW	AV, 30547	10		Flow calculation	K-constant for calculating air flow: Exchanger extract pressure	
VentSettings.S_AirFlowX(15)	R	Holding Register (4x)	0548	RW	AV, 30548	0		Flow calculation	X-constant for calculating air flow: Exchanger extract pressure	
VentSettings.S_DOSelect_SeqPumpY1(0)	X	Holding Register (4x)	0549	RW	MSV, 30549	1		Operation override	Running mode pump sequence-A Modbus 0=Manual off 1=Manual on 2=Auto Bacnet +1 offset for corresponding Modbus	
VentSettings.S_DOSelect_SeqPumpY2	X	Holding Register (4x)	0550	RW	MSV, 30550	1		Operation override	Running mode pump sequence-B (See signal list for DOSelect_SeqPumpY1(0))	
VentSettings.S_DOSelect_SeqPumpY3	X	Holding Register (4x)	0551	RW	MSV, 30551	1		Operation override	Running mode pump sequence-C (See signal list for DOSelect_SeqPumpY1(0))	
VentSettings.S_DOSelect_SeqPumpY4	X	Holding Register (4x)	0552	RW	MSV, 30552	1		Operation override	Running mode pump sequence-D (See signal list for DOSelect_SeqPumpY1(0))	
VentSettings.S_DOSelect_SeqPumpY5	X	Holding Register (4x)	0553	RW	MSV, 30553	1		Operation override	Running mode pump sequence-E (See signal list for DOSelect_SeqPumpY1(0))	
VentSettings.S_DOSelect_SeqPumpY6	X	Holding Register (4x)	0554	RW	MSV, 30554	1		Operation override	Running mode pump sequence-F (See signal list for DOSelect_SeqPumpY1(0))	
VentSettings.S_DOSelect_SeqPumpY7	X	Holding Register (4x)	0555	RW	MSV, 30555	1		Operation override	Running mode pump sequence-G (See signal list for DOSelect_SeqPumpY1(0))	
VentSettings.S_DOSelect_SeqPumpY8	X	Holding Register (4x)	0556	RW	MSV, 30556	1		Operation override	Running mode pump sequence-H (See signal list for DOSelect_SeqPumpY1(0))	
VentSettings.S_DOSelect_SeqPumpY9	X	Holding Register (4x)	0557	RW	MSV, 30557	1		Operation override	Running mode pump sequence-I (See signal list for DOSelect_SeqPumpY1(0))	
VentSettings.S_DOSelect_SeqPumpY10	X	Holding Register (4x)	0558	RW	MSV, 30558	1		Operation override	Running mode pump sequence-J (See signal list for DOSelect_SeqPumpY1(0))	
VentSettings.S_DOSelect_RecirculationAirDamper	X	Holding Register (4x)	0559	RW	MSV, 30559	1		Operation override	Running mode recirculation damper: Modbus 0=Close 1=Open 2=Auto Bacnet +1 offset for corresponding Modbus	
VentSettings.S_DOSelect_OutdoorAirDamper	X	Holding Register (4x)	0560	RW	MSV, 30560	1		Operation override	Running mode outdoor air damper: (See signal list for DOSelect_RecirculationAirDamper)	
VentSettings.S_DOSelect_ExhaustAirDamper	X	Holding Register (4x)	0561	RW	MSV, 30561	1		Operation override	Running mode exhaust air damper: (See signal list for DOSelect_RecirculationAirDamper)	
VentSettings.S_DOSelect_HumidityStart	X	Holding Register (4x)	0562	RW	MSV, 30562	1		Operation override	Running mode humidity start signal (See signal list for DOSelect_RecirculationAirDamper)	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_DOSelect_ChangeOver1	X	Holding Register (4x)	0563	RW	MSV, 30563	1		Operation override	Select changeOver 1 External Modbus 0=Heating 1=Cooling 2=Auto Bacnet +1 offset for corresponding Modbus	
VentSettings.S_DOSelect_ChangeOver2	X	Holding Register (4x)	0564	RW	MSV, 30564	1		Operation override	Select changeOver 2 External (See signal list for DOSelect_ChangeOver1)	
VentSettings.S_AirUnitAutoMode	X	Holding Register (4x)	0565	RW	MSV, 30565	1		Operation override	Running mode air handling unit: Modbus 0=Off 1=Manual mode 2=Auto 3=Low speed 4=Normal speed 5=High speed Bacnet +1 offset for corresponding Modbus	
VentSettings.S_AirUnitManual	X	Holding Register (4x)	0566	RW	MSV, 30566	1		Operation override	Mode selection for air handling unit in running mode: manual mode Modbus 0=Stop 1=Starting up 2=Low speed run 3=Normal speed run 4=High speed run 5=Heating support run 6=Cooling support run 7=CO_2 Run 8=Free cool run 9=Fan stop run 10=Fire run 11=Smoke run 12=Recirculation run 13=DeIcing run Bacnet +1 offset for corresponding Modbus	
VentSettings.S_SAFAutoMode	X	Holding Register (4x)	0567	RW	MSV, 30567	1		Operation override	Running mode supply air fan: 0=Off, 1=Manual output, 2=Auto, 3=Manual setpoint, 4=Low speed, 5=Normal speed, 6=High speed Bacnet +1 offset for corresponding Modbus	
VentSettings.S_SAFManualSetpoint	R	Holding Register (4x)	0568	RW	AV, 30568	10	P/Q	Operation override	Manual setpoint supply air fan if running mode: Manual setpoint	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_SAFManualOutput	R	Holding Register (4x)	0569	RW	AV, 30569	10	%	Operation override	Manual output supply air fan if running mode: Manual output	
VentSettings.S_EAFAutoMode	X	Holding Register (4x)	0570	RW	MSV, 30570	1		Operation override	Running mode extract air fan: (See signal list for SAFAutoMode)	
VentSettings.S_EAFManualSetpoint	R	Holding Register (4x)	0571	RW	AV, 30571	10	P/Q	Operation override	Manual setpoint extract air fan if running mode: Manual setpoint	
VentSettings.S_EAFManualOutput	R	Holding Register (4x)	0572	RW	AV, 30572	10	%	Operation override	Manual output extract air fan if running mode: Manual output	
VentSettings.S_ExternalControl	X	Holding Register (4x)	0573	RW	MSV, 30573	1		Operation override	External control: Modbus 0=No External control, 1=Extended run speed 1, 2=Extended run speed 2, 3=Extended run speed 3, 4=External stop, 5=External stop with support control, 6=Start Free cooling, 7 = Recirculation Bacnet +1 offset for corresponding Modbus	
VentSettings.S_AirUnitServiceStop	X	Holding Register (4x)	0574	RW	MSV, 30574	1		Operation override	Stop the air handling unit with No 1 prio. Modbus 0 = No 1 = Yes Bacnet +1 offset for corresponding Modbus	
VentSettings.S_SeqPumpOutdLimitYx(1)	R	Holding Register (4x)	0575	RW	AV, 30575	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-A	
VentSettings.S_SeqPumpOutdLimitYx(2)	R	Holding Register (4x)	0576	RW	AV, 30576	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-B	
VentSettings.S_SeqPumpOutdLimitYx(3)	R	Holding Register (4x)	0577	RW	AV, 30577	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-C	
VentSettings.S_SeqPumpOutdLimitYx(4)	R	Holding Register (4x)	0578	RW	AV, 30578	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-D	
VentSettings.S_SeqPumpOutdLimitYx(5)	R	Holding Register (4x)	0579	RW	AV, 30579	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-E	
VentSettings.S_SeqPumpOutdLimitYx(6)	R	Holding Register (4x)	0580	RW	AV, 30580	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-F	
VentSettings.S_SeqPumpOutdLimitYx(7)	R	Holding Register (4x)	0581	RW	AV, 30581	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-G	
VentSettings.S_SeqPumpOutdLimitYx(8)	R	Holding Register (4x)	0582	RW	AV, 30582	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-H	
VentSettings.S_SeqPumpOutdLimitYx(9)	R	Holding Register (4x)	0583	RW	AV, 30583	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-I	
VentSettings.S_SeqPumpOutdLimitYx(10)	R	Holding Register (4x)	0584	RW	AV, 30584	10		Unit setting	Outdoor temperature limit to allow pump stop sequence-J	
VentSettings.S_VentControl	X	Holding Register (4x)	0585	RW	MSV, 30585	1		Temperature setting	Select temperature control type: Modbus 0=Supply air 1=Supply air outdoor compensated 2=Room cascade 3=Extract air cascade 4=Room (summer) else supply air 5=Extract air (summer) else supply air 6=Room cascade outdoor compensated 7=Extract air cascade outdoor compensated 8=Extract air dependent supply air temperature Bacnet +1 offset for corresponding Modbus	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_FanType	X	Holding Register (4x)	0586	RW	MSV, 30586	1		Fan setting	Select fan control type: Modbus 0=Pressure 1=Flow 2=Manual 3=External 4=Supply air pressure with extract air fan slave 5=Supply air pressure with extract air flow slave 6=Extract air pressure with supply air fan slave 7=Extract air pressure with supply air flow slave Bacnet +1 offset for corresponding Modbus	
VentSettings.S_SupplySetpoint	R	Holding Register (4x)	0588	RW	AV, 30588	10		Temperature setting	Setpoint supply air temperature when constant supply air temperature function	
VentSettings.S_ExtractSetpoint	R	Holding Register (4x)	0589	RW	AV, 30589	10		Temperature setting	Setpoint extract air temperature if extract control	
VentSettings.S_SupplySetpointMax	R	Holding Register (4x)	0590	RW	AV, 30590	10		Temperature setting	Max limit supply temperature setpoint if cascade control	
VentSettings.S_SupplySetpointMin	R	Holding Register (4x)	0591	RW	AV, 30591	10		Temperature setting	Min limit supply temperature setpoint if cascade control	
VentSettings.S_SupplySetpOffsetLow	R	Holding Register (4x)	0592	RW	AV, 30592	10		Temperature setting	Offset temperature setpoint if low speed	
VentSettings.S_SupplySetpOffsetHigh	R	Holding Register (4x)	0593	RW	AV, 30593	10		Temperature setting	Offset temperature setpoint if high speed	
VentSettings.S_Curve1_X1	R	Holding Register (4x)	0594	RW	AV, 30594	10	T	Temperature setting	Outdoor compensation curve point 1 sensor value	
VentSettings.S_Curve1_X2	R	Holding Register (4x)	0595	RW	AV, 30595	10	T	Temperature setting	Outdoor compensation curve point 2 sensor value	
VentSettings.S_Curve1_X3	R	Holding Register (4x)	0596	RW	AV, 30596	10	T	Temperature setting	Outdoor compensation curve point 3 sensor value	
VentSettings.S_Curve1_X4	R	Holding Register (4x)	0597	RW	AV, 30597	10	T	Temperature setting	Outdoor compensation curve point 4 sensor value	
VentSettings.S_Curve1_X5	R	Holding Register (4x)	0598	RW	AV, 30598	10	T	Temperature setting	Outdoor compensation curve point 5 sensor value	
VentSettings.S_Curve1_X6	R	Holding Register (4x)	0599	RW	AV, 30599	10	T	Temperature setting	Outdoor compensation curve point 6 sensor value	
VentSettings.S_Curve1_X7	R	Holding Register (4x)	0600	RW	AV, 30600	10	T	Temperature setting	Outdoor compensation curve point 7 sensor value	
VentSettings.S_Curve1_X8	R	Holding Register (4x)	0601	RW	AV, 30601	10	T	Temperature setting	Outdoor compensation curve point 8 sensor value	
VentSettings.S_Curve1_Y1	R	Holding Register (4x)	0602	RW	AV, 30602	10	T	Temperature setting	Outdoor compensation curve point 1 setpoint	
VentSettings.S_Curve1_Y2	R	Holding Register (4x)	0603	RW	AV, 30603	10	T	Temperature setting	Outdoor compensation curve point 2 setpoint	
VentSettings.S_Curve1_Y3	R	Holding Register (4x)	0604	RW	AV, 30604	10	T	Temperature setting	Outdoor compensation curve point 3 setpoint	
VentSettings.S_Curve1_Y4	R	Holding Register (4x)	0605	RW	AV, 30605	10	T	Temperature setting	Outdoor compensation curve point 4 setpoint	
VentSettings.S_Curve1_Y5	R	Holding Register (4x)	0606	RW	AV, 30606	10	T	Temperature setting	Outdoor compensation curve point 5 setpoint	
VentSettings.S_Curve1_Y6	R	Holding Register (4x)	0607	RW	AV, 30607	10	T	Temperature setting	Outdoor compensation curve point 6 setpoint	
VentSettings.S_Curve1_Y7	R	Holding Register (4x)	0608	RW	AV, 30608	10	T	Temperature setting	Outdoor compensation curve point 7 setpoint	
VentSettings.S_Curve1_Y8	R	Holding Register (4x)	0609	RW	AV, 30609	10	T	Temperature setting	Outdoor compensation curve point 8 setpoint	
VentSettings.S_SAFSetpointSelect	X	Holding Register (4x)	0610	RW	MSV, 30610	1		Fan setting	Setpoint selection supply air fan: Modbus 0=Constant setpoints 1=Offset of normal speed setpoint Bacnet +1 offset for corresponding Modbus	
VentSettings.S_EAFSetpointSelect	X	Holding Register (4x)	0611	RW	MSV, 30611	1		Fan setting	Setpoint selection extract air fan: (See signal list for SAFSetpointSelect)	
VentSettings.S_SAFLowSpeedPressure(0)	R	Holding Register (4x)	0612	RW	AV, 30612	10	P	Fan setting	Pressure setpoint supply air fan low speed	
VentSettings.S_SAFNormalSpeedPressure	R	Holding Register (4x)	0613	RW	AV, 30613	10	P	Fan setting	Pressure setpoint supply air fan normal speed	
VentSettings.S_SAFHighSpeedPressure	R	Holding Register (4x)	0614	RW	AV, 30614	10	P	Fan setting	Pressure setpoint supply air fan high speed	
VentSettings.S_EAFLowSpeedPressure(0)	R	Holding Register (4x)	0615	RW	AV, 30615	10	P	Fan setting	Pressure setpoint extract air fan low speed	
VentSettings.S_EAFNormalSpeedPressure	R	Holding Register (4x)	0616	RW	AV, 30616	10	P	Fan setting	Pressure setpoint extract air fan normal speed	
VentSettings.S_EAFHighSpeedPressure	R	Holding Register (4x)	0617	RW	AV, 30617	10	P	Fan setting	Pressure setpoint extract air fan high speed	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_SAFLowspeedAirFlow(0)	R	Holding Register (4x)	0618	RW	AV, 30618	1	Q	Fan setting	Flow setpoint supply air fan low speed	4.3-1-00
VentSettings.S_SAFNormalspeedAirFlow	R	Holding Register (4x)	0619	RW	AV, 30619	1	Q	Fan setting	Flow setpoint supply air fan normal speed	4.3-1-00
VentSettings.S_SAFHighspeedAirFlow	R	Holding Register (4x)	0620	RW	AV, 30620	1	Q	Fan setting	Flow setpoint supply air fan high speed	4.3-1-00
VentSettings.S_EAFLowspeedAirFlow(0)	R	Holding Register (4x)	0621	RW	AV, 30621	1	Q	Fan setting	Flow setpoint extract air fan low speed	4.3-1-00
VentSettings.S_EAFNormalspeedAirFlow	R	Holding Register (4x)	0622	RW	AV, 30622	1	Q	Fan setting	Flow setpoint extract air fan normal speed	4.3-1-00
VentSettings.S_EAFHighspeedAirFlow	R	Holding Register (4x)	0623	RW	AV, 30623	1	Q	Fan setting	Flow setpoint extract air fan high speed	4.3-1-00
VentSettings.S_SAFLowSpeedOutput(0)	R	Holding Register (4x)	0624	RW	AV, 30624	10	%	Fan setting	Output signal supply air fan low speed if manual control	
VentSettings.S_SAFNormalSpeedOutput	R	Holding Register (4x)	0625	RW	AV, 30625	10	%	Fan setting	Output signal supply air fan normal speed if manual control	
VentSettings.S_SAFHighspeedOutput	R	Holding Register (4x)	0626	RW	AV, 30626	10	%	Fan setting	Output signal supply air fan high speed if manual control	
VentSettings.S_EAFLowSpeedOutput(0)	R	Holding Register (4x)	0627	RW	AV, 30627	10	%	Fan setting	Output signal extract air fan low speed if manual control	
VentSettings.S_EAFNormalSpeedOutput	R	Holding Register (4x)	0628	RW	AV, 30628	10	%	Fan setting	Output signal extract air fan normal speed if manual control	
VentSettings.S_EAFHighspeedOutput	R	Holding Register (4x)	0629	RW	AV, 30629	10	%	Fan setting	Output signal extract air fan high speed if manual control	
VentSettings.S_SAFLowSpeedPressureOffset	R	Holding Register (4x)	0630	RW	AV, 30630	10	P	Fan setting	Offset supply air fan low speed if pressure control	
VentSettings.S_SAFHighSpeedPressureOffset	R	Holding Register (4x)	0631	RW	AV, 30631	10	P	Fan setting	Offset supply air fan high speed if pressure control	
VentSettings.S_SAFLowSpeedAirFlowOffset	R	Holding Register (4x)	0632	RW	AV, 30632	1	Q	Fan setting	Offset supply air fan low speed if flow control	4.3-1-00
VentSettings.S_SAFHighSpeedAirFlowOffset	R	Holding Register (4x)	0633	RW	AV, 30633	1	Q	Fan setting	Offset supply air fan high speed if flow control	4.3-1-00
VentSettings.S_SAFLowSpeedOutputOffset	R	Holding Register (4x)	0634	RW	AV, 30634	10	%	Fan setting	Offset supply air fan low speed if manual control	
VentSettings.S_SAFHighSpeedOutputOffset	R	Holding Register (4x)	0635	RW	AV, 30635	10	%	Fan setting	Offset supply air fan high speed if manual control	
VentSettings.S_EAFLowSpeedPressureOffset	R	Holding Register (4x)	0636	RW	AV, 30636	10	P	Fan setting	Offset extract air fan low speed if pressure control	
VentSettings.S_EAFHighSpeedPressureOffset	R	Holding Register (4x)	0637	RW	AV, 30637	10	P	Fan setting	Offset extract air fan high speed if pressure control	
VentSettings.S_EAFLowSpeedAirFlowOffset	R	Holding Register (4x)	0638	RW	AV, 30638	1	Q	Fan setting	Offset extract air fan low speed if flow control	4.3-1-00
VentSettings.S_EAFHighSpeedAirFlowOffset	R	Holding Register (4x)	0639	RW	AV, 30639	1	Q	Fan setting	Offset extract air fan high speed if flow control	4.3-1-00
VentSettings.S_EAFLowSpeedOutputOffset	R	Holding Register (4x)	0640	RW	AV, 30640	10	%	Fan setting	Offset extract air fan low speed if manual control	
VentSettings.S_EAFHighSpeedOutputOffset	R	Holding Register (4x)	0641	RW	AV, 30641	10	%	Fan setting	Offset extract air fan high speed if manual control	
VentSettings.S_SAFModeFreeCool	X	Holding Register (4x)	0642	RW	MSV, 30642	1		Operation override	Selected speed in free cooling mode supply air fan: Modbus 0=Off/Auto, normal setpoint 1=Manual setpoint 2=Manual output 3=Low speed setpoint 4=Normal speed setpoint 5=High speed setpoint Bacnet +1 offset for corresponding Modbus	
VentSettings.S_SAFManSetpFreeCool	R	Holding Register (4x)	0643	RW	AV, 30643	10	P/Q	Operation override	Manual setpoint in free cooling mode supply air fan	
VentSettings.S_SAFManOutFreeCool	R	Holding Register (4x)	0644	RW	AV, 30644	10	%	Operation override	Manual output in free cooling mode supply air fan	
VentSettings.S_SAFModeFire	X	Holding Register (4x)	0645	RW	MSV, 30645	1		Operation override	Selected speed in fire mode supply air fan: (See signal list for SAFModeFreeCool)	
VentSettings.S_SAFManSetpFire	R	Holding Register (4x)	0646	RW	AV, 30646	10	P/Q	Operation override	Manual setpoint in fire mode supply air fan	
VentSettings.S_SAFManOutFire	R	Holding Register (4x)	0647	RW	AV, 30647	10	%	Operation override	Manual output in fire mode supply air fan	
VentSettings.S_SAFModeSmoke	X	Holding Register (4x)	0648	RW	MSV, 30648	1		Operation override	Selected speed in smoke mode supply air fan: (See signal list for SAFModeFreeCool)	
VentSettings.S_SAFManSetpSmoke	R	Holding Register (4x)	0649	RW	AV, 30649	10	P/Q	Operation override	Manual setpoint in smoke mode supply air fan	
VentSettings.S_SAFManOutSmoke	R	Holding Register (4x)	0650	RW	AV, 30650	10	%	Operation override	Manual output in smoke mode supply air fan	
VentSettings.S_SAFModeRecirculation	X	Holding Register (4x)	0651	RW	MSV, 30651	1		Operation override	Selected speed in recirculation mode supply air fan: (See signal list for SAFModeFreeCool)	
VentSettings.S_SAFManSetpRecirculation	R	Holding Register (4x)	0652	RW	AV, 30652	10	P/Q	Operation override	Manual setpoint in recirculation mode supply air fan	
VentSettings.S_SAFManOutRecirculation	R	Holding Register (4x)	0653	RW	AV, 30653	10	%	Operation override	Manual output in recirculation mode supply air fan	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_EAFModeFreeCool	X	Holding Register (4x)	0654	RW	MSV, 30654	1		Operation override	Selected speed in freecool mode extract air fan: (See signal list for SAFModeFreeCool)	
VentSettings.S_EAFManSetpFreeCool	R	Holding Register (4x)	0655	RW	AV, 30655	10	P/Q	Operation override	Manual setpoint in freecool mode extract air fan	
VentSettings.S_EAFManOutFreeCool	R	Holding Register (4x)	0656	RW	AV, 30656	10	%	Operation override	Manual output in freecool mode extract air fan	
VentSettings.S_EAFModeFire	X	Holding Register (4x)	0657	RW	MSV, 30657	1		Operation override	Selected speed in fire mode extract air fan: (See signal list for SAFModeFreeCool)	
VentSettings.S_EAFManSetpFire	R	Holding Register (4x)	0658	RW	AV, 30658	10	P/Q	Operation override	Manual setpoint in fire mode extract air fan	
VentSettings.S_EAFManOutFire	R	Holding Register (4x)	0659	RW	AV, 30659	10	%	Operation override	Manual output in fire mode extract air fan	
VentSettings.S_EAFModeSmoke	X	Holding Register (4x)	0660	RW	MSV, 30660	1		Operation override	Selected speed in smoke mode extract air fan: (See signal list for SAFModeFreeCool)	
VentSettings.S_EAFManSetpSmoke	R	Holding Register (4x)	0661	RW	AV, 30661	10	P/Q	Operation override	Manual setpoint in smoke mode extract air fan	
VentSettings.S_EAFManOutSmoke	R	Holding Register (4x)	0662	RW	AV, 30662	10	%	Operation override	Manual output in smoke mode extract air fan	
VentSettings.S_EAFModeRecirculation	X	Holding Register (4x)	0663	RW	MSV, 30663	1		Operation override	Selected speed in recirculation mode extract air fan: (See signal list for SAFModeFreeCool)	
VentSettings.S_EAFManSetpRecirculation	R	Holding Register (4x)	0664	RW	AV, 30664	10	P/Q	Operation override	Manual setpoint in recirculation mode extract air fan	
VentSettings.S_EAFManOutRecirculation	R	Holding Register (4x)	0665	RW	AV, 30665	10	%	Operation override	Manual output in recirculation mode extract air fan	
VentSettings.S_EAFFrequencyFact	R	Holding Register (4x)	0666	RW	AV, 30666	10		Fan setting	Flow slave factor extract air fan if fan control type: Supply air pressure with extract air flow slave	
VentSettings.S_ExtractPID_Pband	R	Holding Register (4x)	0667	RW	AV, 30667	10		PID setting	P-band extract air temperature	
VentSettings.S_ExtractPID_Itime	R	Holding Register (4x)	0668	RW	AV, 30668	1		PID setting	I-time extract air temperature	
VentSettings.S_SAFPID_Pband	R	Holding Register (4x)	0669	RW	AV, 30669	10		PID setting	P-band pressure supply air fan	
VentSettings.S_SAFPID_Itime	R	Holding Register (4x)	0670	RW	AV, 30670	1		PID setting	I-time pressure supply air fan	
VentSettings.S_EAFPID_Pband	R	Holding Register (4x)	0671	RW	AV, 30671	10		PID setting	P-band pressure extract air fan	
VentSettings.S_EAFPID_Itime	R	Holding Register (4x)	0672	RW	AV, 30672	1		PID setting	I-time pressure extract air fan	
VentSettings.S_FrostPID1_PBand(0)	R	Holding Register (4x)	0673	RW	AV, 30673	10		PID setting	P-band freeze protection 1	
VentSettings.S_FrostPID1_ITime(0)	R	Holding Register (4x)	0674	RW	AV, 30674	1		PID setting	I-time freeze protection 1	
VentSettings.S_FrostPID2_Pband	R	Holding Register (4x)	0675	RW	AV, 30675	10		PID setting	P-band freeze protection 2	
VentSettings.S_FrostPID2_ITime	R	Holding Register (4x)	0676	RW	AV, 30676	1		PID setting	I-time freeze protection 2	
VentSettings.S_FrostPID3_Pband	R	Holding Register (4x)	0677	RW	AV, 30677	10		PID setting	P-band freeze protection 3	
VentSettings.S_FrostPID3_ITime	R	Holding Register (4x)	0678	RW	AV, 30678	1		PID setting	I-time freeze protection 3	
VentSettings.S_CO2PID_Pband	R	Holding Register (4x)	0679	RW	AV, 30679	10		PID setting	P-band CO_2	
VentSettings.S_CO2PID_Itime	R	Holding Register (4x)	0680	RW	AV, 30680	1		PID setting	I-time CO_2	
VentSettings.S_RoomPID_Pband	R	Holding Register (4x)	0681	RW	AV, 30681	10		PID setting	P-band room temperature	
VentSettings.S_RoomPID_Itime	R	Holding Register (4x)	0682	RW	AV, 30682	1		PID setting	I-time room temperature	
VentSettings.S_DeIcePID_Pband	R	Holding Register (4x)	0683	RW	AV, 30683	10		PID setting	P-band defrosting	
VentSettings.S_DeIcePID_Itime	R	Holding Register (4x)	0684	RW	AV, 30684	1		PID setting	I-time defrosting	
VentSettings.S_HumidityPID_Pband	R	Holding Register (4x)	0685	RW	AV, 30685	10		PID setting	P-band humidity control	
VentSettings.S_HumidityPID_Itime	R	Holding Register (4x)	0686	RW	AV, 30686	1		PID setting	I-time humidity control	
VentSettings.S_ExtraPID_Pband	R	Holding Register (4x)	0687	RW	AV, 30687	10		PID setting	P-band extra controller	
VentSettings.S_ExtraPID_Itime	R	Holding Register (4x)	0688	RW	AV, 30688	1		PID setting	I-time extra controller	
VentSettings.S_SAFAirFlowPID_Pband	R	Holding Register (4x)	0689	RW	AV, 30689	1		PID setting	P-band flow supply air fan	4.3-1-00
VentSettings.S_SAFPID_Itime	R	Holding Register (4x)	0690	RW	AV, 30690	1		PID setting	I-time flow supply air fan	
VentSettings.S_EAFAirFlowPID_Pband	R	Holding Register (4x)	0691	RW	AV, 30691	1		PID setting	P-band flow extract air fan	4.3-1-00
VentSettings.S_EAFPID_Itime	R	Holding Register (4x)	0692	RW	AV, 30692	1		PID setting	I-time flow extract air fan	
VentSettings.S_SeqY1PID_Pband	R	Holding Register (4x)	0693	RW	AV, 30693	10		PID setting	P-band sequence-A	
VentSettings.S_SeqY1PID_ITime	R	Holding Register (4x)	0694	RW	AV, 30694	1		PID setting	I-time sequence-A	
VentSettings.S_SeqY2PID_Pband	R	Holding Register (4x)	0695	RW	AV, 30695	10		PID setting	P-band sequence-B	
VentSettings.S_SeqY2PID_ITime	R	Holding Register (4x)	0696	RW	AV, 30696	1		PID setting	I-time sequence-B	
VentSettings.S_SeqY3PID_Pband	R	Holding Register (4x)	0697	RW	AV, 30697	10		PID setting	P-band sequence-C	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_SeqY3PID_ITime	R	Holding Register (4x)	0698	RW	AV, 30698	1		PID setting	I-time sequence-C	
VentSettings.S_SeqY4PID_Pband	R	Holding Register (4x)	0699	RW	AV, 30699	10		PID setting	P-band sequence-D	
VentSettings.S_SeqY4PID_ITime	R	Holding Register (4x)	0700	RW	AV, 30700	1		PID setting	I-time sequence-D	
VentSettings.S_SeqY5PID_Pband	R	Holding Register (4x)	0701	RW	AV, 30701	10		PID setting	P-band sequence-E	
VentSettings.S_SeqY5PID_ITime	R	Holding Register (4x)	0702	RW	AV, 30702	1		PID setting	I-time sequence-E	
VentSettings.S_SeqY6PID_Pband	R	Holding Register (4x)	0703	RW	AV, 30703	10		PID setting	P-band sequence-F	
VentSettings.S_SeqY6PID_ITime	R	Holding Register (4x)	0704	RW	AV, 30704	1		PID setting	I-time sequence-F	
VentSettings.S_SeqY7PID_Pband	R	Holding Register (4x)	0705	RW	AV, 30705	10		PID setting	P-band sequence-G	
VentSettings.S_SeqY7PID_ITime	R	Holding Register (4x)	0706	RW	AV, 30706	1		PID setting	I-time sequence-G	
VentSettings.S_SeqY8PID_Pband	R	Holding Register (4x)	0707	RW	AV, 30707	10		PID setting	P-band sequence-H	
VentSettings.S_SeqY8PID_ITime	R	Holding Register (4x)	0708	RW	AV, 30708	1		PID setting	I-time sequence-H	
VentSettings.S_SeqY9PID_Pband	R	Holding Register (4x)	0709	RW	AV, 30709	10		PID setting	P-band sequence-I	
VentSettings.S_SeqY9PID_ITime	R	Holding Register (4x)	0710	RW	AV, 30710	1		PID setting	I-time sequence-I	
VentSettings.S_SeqY10PID_Pband	R	Holding Register (4x)	0711	RW	AV, 30711	10		PID setting	P-band sequence-J	
VentSettings.S_SeqY10PID_ITime	R	Holding Register (4x)	0712	RW	AV, 30712	1		PID setting	I-time sequence-J	
VentSettings.S_AOSelect_Humidity	X	Holding Register (4x)	0713	RW	MSV, 30713	1		Operation override	Control mode humidity control: Modbus 0=Off 1=Manual 2=Auto Bacnet +1 offset for corresponding Modbus	
VentSettings.S_AOManual_Humidity	R	Holding Register (4x)	0714	RW	AV, 30714	10		Operation override	Control signal humidity control if manual mode	
VentSettings.S_AOSelect_ExtraController	X	Holding Register (4x)	0715	RW	MSV, 30715	1		Operation override	Control mode extra controller: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_ExtraController	R	Holding Register (4x)	0716	RW	AV, 30716	10		Operation override	Control signal extra controller if manual mode	
VentSettings.S_AOSelect_SequenceY1	X	Holding Register (4x)	0717	RW	MSV, 30717	1		Operation override	Control mode SEQ-A: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_SequenceY1	R	Holding Register (4x)	0718	RW	AV, 30718	10		Operation override	Control signal SEQ-A if manual mode	
VentSettings.S_AOSelect_SequenceY2	X	Holding Register (4x)	0719	RW	MSV, 30719	1		Operation override	Control mode SEQ-B: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_SequenceY2	R	Holding Register (4x)	0720	RW	AV, 30720	10		Operation override	Control signal SEQ-B if manual mode	
VentSettings.S_AOSelect_SequenceY3	X	Holding Register (4x)	0721	RW	MSV, 30721	1		Operation override	Control mode SEQ-C: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_SequenceY3	R	Holding Register (4x)	0722	RW	AV, 30722	10		Operation override	Control signal SEQ-C if manual mode	
VentSettings.S_AOSelect_SequenceY4	X	Holding Register (4x)	0723	RW	MSV, 30723	1		Operation override	Control mode SEQ-D: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_SequenceY4	R	Holding Register (4x)	0724	RW	AV, 30724	10		Operation override	Control signal SEQ-D if manual mode	
VentSettings.S_AOSelect_SequenceY5	X	Holding Register (4x)	0725	RW	MSV, 30725	1		Operation override	Control mode SEQ-E: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_SequenceY5	R	Holding Register (4x)	0726	RW	AV, 30726	10		Operation override	Control signal SEQ-E if manual mode	
VentSettings.S_AOSelect_SequenceY6	X	Holding Register (4x)	0727	RW	MSV, 30727	1		Operation override	Control mode SEQ-F: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_SequenceY6	R	Holding Register (4x)	0728	RW	AV, 30728	10		Operation override	Control signal SEQ-F if manual mode	
VentSettings.S_AOSelect_SequenceY7	X	Holding Register (4x)	0729	RW	MSV, 30729	1		Operation override	Control mode SEQ-G: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_SequenceY7	R	Holding Register (4x)	0730	RW	AV, 30730	10		Operation override	Control signal SEQ-G if manual mode	
VentSettings.S_AOSelect_SequenceY8	X	Holding Register (4x)	0731	RW	MSV, 30731	1		Operation override	Control mode SEQ-H: (See signal list for AOSelect_Humidity)	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_AOManual_SequenceY8	R	Holding Register (4x)	0732	RW	AV, 30732	10		Operation override	Control signal SEQ-H if manual mode	
VentSettings.S_AOSelect_SequenceY9	X	Holding Register (4x)	0733	RW	MSV, 30733	1		Operation override	Control mode SEQ-I: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_SequenceY9	R	Holding Register (4x)	0734	RW	AV, 30734	10		Operation override	Control signal SEQ-I if manual mode	
VentSettings.S_AOSelect_SequenceY10	X	Holding Register (4x)	0735	RW	MSV, 30735	1		Operation override	Control mode SEQ-J: (See signal list for AOSelect_Humidity)	
VentSettings.S_AOManual_SequenceY10	R	Holding Register (4x)	0736	RW	AV, 30736	10		Operation override	Control signal SEQ-J if manual mode	
VentSettings.S_FreeCoolDayLimit	R	Holding Register (4x)	0737	RW	AV, 30737	10	T	Free cooling	Outdoor temperature min limit during day to allow start of free cooling	
VentSettings.S_FreeCoolHighLimit	R	Holding Register (4x)	0738	RW	AV, 30738	10	T	Free cooling	Outdoor temperature max limit during night to stop free cooling	
VentSettings.S_FreeCoolLowLimit	R	Holding Register (4x)	0739	RW	AV, 30739	10	T	Free cooling	Outdoor temperature min limit during night to stop free cooling	
VentSettings.S_FreeCoolRoomLimit	R	Holding Register (4x)	0740	RW	AV, 30740	10	T	Free cooling	Room temperature min limit during night to stop free cooling	
VentSettings.S_FreeCoolStartTime	X	Holding Register (4x)	0741	RW	AV, 30741	1		Free cooling	Start hour free cooling (00-24)	
VentSettings.S_FreeCoolStopTime	X	Holding Register (4x)	0742	RW	AV, 30742	1		Free cooling	Stop hour free cooling (00-24)	
VentSettings.S_FreeCoolHeatBlockTime	I	Holding Register (4x)	0743	RW	AV, 30743	1	min	Free cooling	Time to block heat output after free cooling	
VentSettings.S_CO2StartLimit	R	Holding Register (4x)	0744	RW	AV, 30744	10	ppm	CO_2	Start limit CO_2 fan start/stop function	
VentSettings.S_CO2DemandDiff	R	Holding Register (4x)	0745	RW	AV, 30745	10	ppm	CO_2	Hysteresis to stop CO_2 fan start/stop function	
VentSettings.S_CO2Setpoint	R	Holding Register (4x)	0746	RW	AV, 30746	10	ppm	CO_2	Setpoint CO_2 mixing damper function	
VentSettings.S_CO2MinTime	I	Holding Register (4x)	0747	RW	AV, 30747	1	min	CO_2	Min run time CO_2 fan start/stop function	
VentSettings.S_NeedControl	X	Holding Register (4x)	0748	RW	AV, 30748	1		Support control	Enable support control if the unit is stopped	
VentSettings.S_NeedHeatStart	R	Holding Register (4x)	0749	RW	AV, 30749	10	T	Support control	Room temperature to start the unit if support heating is active	
VentSettings.S_NeedHeatStop	R	Holding Register (4x)	0750	RW	AV, 30750	10	T	Support control	Room temperature to stop the unit if support heating is active	
VentSettings.S_NeedCoolStart	R	Holding Register (4x)	0751	RW	AV, 30751	10	T	Support control	Room temperature to start the unit if support cooling is active	
VentSettings.S_NeedCoolStop	R	Holding Register (4x)	0752	RW	AV, 30752	10	T	Support control	Room temperature for stop the unit if support cooling is active	
VentSettings.S_NeedMinTime	I	Holding Register (4x)	0753	RW	AV, 30753	1	min	Support control	Min run time support control	
VentSettings.S_FireDampersAutoMode	X	Holding Register (4x)	0754	RW	MSV, 30754	1	-	Operation override	Running mode fire damper: Modbus 0=Close 1=Open 2=Auto Bacnet +1 offset for corresponding Modbus	
VentSettings.S_DeIcingSetpoint	R	Holding Register (4x)	0755	RW	AV, 30756	10	T	Unit setting	Setpoint temperature defrosting	
VentSettings.S_DeIcingHyst	R	Holding Register (4x)	0756	RW	AV, 30757	10	T	Unit setting	Hysteresis to stop defrosting	
VentSettings.S_DeIcingMinTime	X	Holding Register (4x)	0757	RW	AV, 30758	1		Unit setting	Min run time defrosting	
VentSettings.S_DeIcingSAFTempStop	R	Holding Register (4x)	0758	RW	AV, 30758	10	T	Unit setting	Outdoor temperature min limit to stop supply air fan when defrosting	
VentSettings.S_HumiditySetpoint	R	Holding Register (4x)	0759	RW	AV, 30759	10	%RH	Humidity control	Setpoint humidity room/extract air	
VentSettings.S_HumidityMaxDuct	R	Holding Register (4x)	0760	RW	AV, 30760	10	%RH	Humidity control	Max limit humidity supply air	
VentSettings.S_HumidityHyst	R	Holding Register (4x)	0761	RW	AV, 30761	10	%RH	Humidity control	Hysteresis to start humidity control after stop max limitation	
VentSettings.S_HumidityMaxDiff	R	Holding Register (4x)	0762	RW	AV, 30762	10	%RH	Alarm setting	Alarm limit deviation alarm humidity control	
VentSettings.S_HumidityStartLimit	R	Holding Register (4x)	0763	RW	AV, 30763	10	%	Humidity control	Step start point humidity control	
VentSettings.S_HumidityStopLimit	R	Holding Register (4x)	0764	RW	AV, 30764	10	%	Humidity control	Step stop point humidity control	
VentSettings.S_RoomSetP	R	Holding Register (4x)	0765	RW	AV, 30765	10	T	Temperature setting	Setpoint room temperature if room temperature control	
VentSettings.S_FrostProtSPRun(0)	R	Holding Register (4x)	0766	RW	AV, 30766	10	T	Alarm setting	Alarm limit freeze protection alarm 1	
VentSettings.S_FrostProtSPStop(0)	R	Holding Register (4x)	0767	RW	AV, 30767	10	T	Unit setting	Setpoint freeze protection 1 if standby mode	
VentSettings.S_FrostProtPGain(0)	R	Holding Register (4x)	0768	RW	AV, 30768	10	T	Unit setting	P-band freeze protection 1 if running mode (setpoint=alarm limit+P-band)	
VentSettings.S_FrostProtSPRun(1)	R	Holding Register (4x)	0769	RW	AV, 30769	10		Alarm setting	Alarm limit freeze protection alarm 2	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_FrostProtSPStop(1)	R	Holding Register (4x)	0770	RW	AV, 30770	10		Unit setting	Setpoint freeze protection 2 if standby mode	
VentSettings.S_FrostProtPGain(1)	R	Holding Register (4x)	0771	RW	AV, 30771	10		Unit setting	P-band freeze protection 2 if running mode (setpoint=alarm limit+P-band)	
VentSettings.S_FrostProtSPRun(2)	R	Holding Register (4x)	0772	RW	AV, 30772	10		Alarm setting	Alarm limit freeze protection alarm 3	
VentSettings.S_FrostProtSPStop(2)	R	Holding Register (4x)	0773	RW	AV, 30773	10		Unit setting	Setpoint freeze protection 3 if standby mode	
VentSettings.S_FrostProtPGain(2)	R	Holding Register (4x)	0774	RW	AV, 30774	10		Unit setting	P-band freeze protection 3 if running mode (setpoint=alarm limit+P-band)	
VentSettings.S_ExtraControllerSetP	R	Holding Register (4x)	0775	RW	AV, 30775	10	T	Extra controller	Setpoint extra controller	
VentSettings.S_ExtraControllerMode	X	Holding Register (4x)	0776	RW	MSV, 30776	1		Extra controller	Control mode extra controller Modbus 0=Heating Controller 1=Cooling Controller Bacnet +1 offset for corresponding Modbus	
VentSettings.S_SumAlarm1(0)	X	Holding Register (4x)	0777	RW	MSV, 30777	1		Unit setting	Setting for sum alarm 1 (alarm levels) Modbus 0=Off 1=A+B+C 2=A+B 3=B+C 4=A+C 5=A 6=B 7=C Bacnet +1 offset for corresponding Modbus	
VentSettings.S_SumAlarm2	X	Holding Register (4x)	0778	RW	MSV, 30778	1		Unit setting	Setting for sum alarm 2 (alarm levels) (See signal list for SumAlarm1(0))	
VentSettings.S_AlarmOutput	X	Holding Register (4x)	0779	RW	AV, 30779	1		Unit setting	Setting of alarm number used for universal alarm output Status: 0=Off 1=AlaPt(1)=Ala_MalfunctionSAF1 2=AlaPt(2)=Ala_MalfunctionSAF2 etc.	
VentSettings.S_SupplyMaxDiff	R	Holding Register (4x)	0780	RW	AV, 30780	10	T	Alarm setting	Alarm limit deviation alarm supply air temperature	
VentSettings.S_SupplyHighAlarmLimit	R	Holding Register (4x)	0781	RW	AV, 30781	10	T	Alarm setting	Alarm limit high supply air temperature	
VentSettings.S_SupplyLowAlarmLimit	R	Holding Register (4x)	0782	RW	AV, 30782	10	T	Alarm setting	Alarm limit low supply air temperature	
VentSettings.S_EfficiencyLowLimit	R	Holding Register (4x)	0783	RW	AV, 30783	10	%	Alarm setting	Alarm limit low efficiency exchanger	
VentSettings.S_RoomHighLimit	R	Holding Register (4x)	0784	RW	AV, 30784	10	T	Alarm setting	Alarm limit high room temperature	
VentSettings.S_RoomLowLimit	R	Holding Register (4x)	0785	RW	AV, 30785	10	T	Alarm setting	Alarm limit low room temperature	
VentSettings.S_ExtractAirTempHigh	R	Holding Register (4x)	0786	RW	AV, 30786	10	T	Alarm setting	Alarm limit high extract air temperature	
VentSettings.S_ExtractAirTempLow	R	Holding Register (4x)	0787	RW	AV, 30787	10	T	Alarm setting	Alarm limit low extract air temperature	
VentSettings.S_SAFMaxDiffPressure	R	Holding Register (4x)	0788	RW	AV, 30788	10	P	Alarm setting	Alarm limit deviation alarm supply air fan	
VentSettings.S_EAFMaxDiffPressure	R	Holding Register (4x)	0789	RW	AV, 30789	10	P	Alarm setting	Alarm limit deviation alarm extract air fan	
VentSettings.S_RecircSetP	R	Holding Register (4x)	0790	RW	AV, 30790	10		Recirculation	Setpoint recirculation if temperature control	

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VentSettings.S_RecircTempControl	X	Holding Register (4x)	0791	RW	MSV, 30791	1		Recirculation	Supply air temperature control if recirculation: Modbus 0=No temperature control 1=Heating/cooling 2=Only heating 3=Only cooling Bacnet +1 offset for corresponding Modbus	
VentSettings.S_RecircMaxRoomTemp	R	Holding Register (4x)	0792	RW	AV, 30792	10		Recirculation	If higher room temp when Recirculation run recirculation damper is closed and fresh air damper is opend	
VentSettings.S_RecircFreeCool	X	Holding Register (4x)	0793	RW	AV, 30793	1		Recirculation	Allow free cooling if recirculation	
VentSettings.S_RecircSAFOffset	R	Holding Register (4x)	0794	RW	AV, 30794	1		Recirculation	Offset pressure/flow supply air fan if recirculation	4.3-1-00
VentSettings.S_RecircEAFOffset	R	Holding Register (4x)	0795	RW	AV, 30795	1		Recirculation	Offset pressure/flow extract air fan if recirculation (this is not used)	4.3-1-00
VentSettings.S_RecircSetPOffset	R	Holding Register (4x)	0796	RW	AV, 30796	10		Recirculation	Offset for recirculation setpoint	
VentSettings.S_FilterAlarmTime	I	Holding Register (4x)	0797	RW	AV, 30797	1		Alarm setting	Time (in months) for alarm service interval counter	
VentSettings.S_ExtraSensor1HighLimit(0)	R	Holding Register (4x)	0798	RW	AV, 30798	10		Alarm setting	Alarm high limit extra sensor 1	
VentSettings.S_ExtraSensor2HighLimit	R	Holding Register (4x)	0799	RW	AV, 30799	10		Alarm setting	Alarm high limit extra sensor 2	
VentSettings.S_ExtraSensor3HighLimit	R	Holding Register (4x)	0800	RW	AV, 30800	10		Alarm setting	Alarm high limit extra sensor 3	
VentSettings.S_ExtraSensor4HighLimit	R	Holding Register (4x)	0801	RW	AV, 30801	10		Alarm setting	Alarm high limit extra sensor 4	
VentSettings.S_ExtraSensor5HighLimit	R	Holding Register (4x)	0802	RW	AV, 30802	10		Alarm setting	Alarm high limit extra sensor 5	
VentSettings.S_ExtraSensor1LowLimit(0)	R	Holding Register (4x)	0803	RW	AV, 30803	10		Alarm setting	Alarm low limit extra sensor 1	
VentSettings.S_ExtraSensor2LowLimit	R	Holding Register (4x)	0804	RW	AV, 30804	10		Alarm setting	Alarm low limit extra sensor 2	
VentSettings.S_ExtraSensor3LowLimit	R	Holding Register (4x)	0805	RW	AV, 30805	10		Alarm setting	Alarm low limit extra sensor 3	
VentSettings.S_ExtraSensor4LowLimit	R	Holding Register (4x)	0806	RW	AV, 30806	10		Alarm setting	Alarm low limit extra sensor 4	
VentSettings.S_ExtraSensor5LowLimit	R	Holding Register (4x)	0807	RW	AV, 30807	10		Alarm setting	Alarm low limit extra sensor 5	
VentSettings.S_SelectedSensor1(0)	X	Holding Register (4x)	0808	RW	AV, 30808	1		Alarm setting	Select sensor 1 for high & low limit selected sensor alarm 0 = Not active 1 = A_AI_OutDoorTemp	
VentSettings.S_SelectedSensor1HighLimit(0)	R	Holding Register (4x)	0809	RW	AV, 30809	10		Alarm setting	Alarm high limit selected sensor 1	
VentSettings.S_SelectedSensor1LowLimit(0)	R	Holding Register (4x)	0810	RW	AV, 30810	10		Alarm setting	Alarm low limit selected sensor 1	
VentSettings.S_SelectedSensor2	X	Holding Register (4x)	0811	RW	AV, 30811	1		Alarm setting	Select sensor 2 for high & low limit selected sensor alarm 0 = Not active 1 = A_AI_OutDoorTemp	
VentSettings.S_SelectedSensor2HighLimit	R	Holding Register (4x)	0812	RW	AV, 30812	10		Alarm setting	Alarm high limit selected sensor 2	
VentSettings.S_SelectedSensor2LowLimit	R	Holding Register (4x)	0813	RW	AV, 30813	10		Alarm setting	Alarm low limit selected sensor 2	
VentSettings.S_SupplyPIDFreeze	X	Holding Register (4x)	0814	RW	MSV, 30814	1		Unit setting	Freeze supply temperature PID control	
VentSettings.S_FanComp1X1(0)	R	Holding Register (4x)	0815	RW	AV, 30815	10		Fan compensation curve	Curve 1 point 1 sensor value	
VentSettings.S_FanComp1Y1(0)	R	Holding Register (4x)	0816	RW	AV, 30816	10		Fan compensation curve	Curve 1 point 1 setpoint compensation	
VentSettings.S_FanComp1X2(0)	R	Holding Register (4x)	0817	RW	AV, 30817	10		Fan compensation curve	Curve 1 point 2 sensor value	
VentSettings.S_FanComp1Y2(0)	R	Holding Register (4x)	0818	RW	AV, 30818	10		Fan compensation curve	Curve 1 point 2 setpoint compensation	
VentSettings.S_FanComp1X3(0)	R	Holding Register (4x)	0819	RW	AV, 30819	10		Fan compensation curve	Curve 1 point 3 sensor value	
VentSettings.S_FanComp1Y3(0)	R	Holding Register (4x)	0820	RW	AV, 30820	10		Fan compensation curve	Curve 1 point 3 setpoint compensation	
VentSettings.S_FanComp2X1	R	Holding Register (4x)	0821	RW	AV, 30821	10		Fan compensation curve	Curve 2 point 1 sensor value	
VentSettings.S_FanComp2Y1	R	Holding Register (4x)	0822	RW	AV, 30822	10		Fan compensation curve	Curve 2 point 1 setpoint compensation	
VentSettings.S_FanComp2X2	R	Holding Register (4x)	0823	RW	AV, 30823	10		Fan compensation curve	Curve 2 point 2 sensor value	
VentSettings.S_FanComp2Y2	R	Holding Register (4x)	0824	RW	AV, 30824	10		Fan compensation curve	Curve 2 point 2 setpoint compensation	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_FanComp2X3	R	Holding Register (4x)	0825	RW	AV, 30825	10		Fan compensation curve	Curve 2 point 3 sensor value	
VentSettings.S_FanComp2Y3	R	Holding Register (4x)	0826	RW	AV, 30826	10		Fan compensation curve	Curve 2 point 3 setpoint compensation	
VentSettings.S_FanComp3X1	R	Holding Register (4x)	0827	RW	AV, 30827	10		Fan compensation curve	Curve 3 point 1 sensor value	
VentSettings.S_FanComp3Y1	R	Holding Register (4x)	0828	RW	AV, 30828	10		Fan compensation curve	Curve 3 point 1 setpoint compensation	
VentSettings.S_FanComp3X2	R	Holding Register (4x)	0829	RW	AV, 30829	10		Fan compensation curve	Curve 3 point 2 sensor value	
VentSettings.S_FanComp3Y2	R	Holding Register (4x)	0830	RW	AV, 30830	10		Fan compensation curve	Curve 3 point 2 setpoint compensation	
VentSettings.S_FanComp3X3	R	Holding Register (4x)	0831	RW	AV, 30831	10		Fan compensation curve	Curve 3 point 3 sensor value	
VentSettings.S_FanComp3Y3	R	Holding Register (4x)	0832	RW	AV, 30832	10		Fan compensation curve	Curve 3 point 3 setpoint compensation	
VentSettings.S_NeutralZone	R	Holding Register (4x)	0833	RW	AV, 30833	10	T	Temperature setting	Neutral zone around supply setpoint before heating and cooling.	
VentSettings.S_FreeCoolSAFOffset	R	Holding Register (4x)	0834	RW	AV, 30834	1	P/Q	Free cooling	Setpoint offset supply air fan if free cooling	4.3-1-00
VentSettings.S_FreeCoolEAFOffset	R	Holding Register (4x)	0835	RW	AV, 30835	1	P/Q	Free cooling	Setpoint offset extract air fan if free cooling	4.3-1-00
VentSettings.S_FilterGuard1Limit_X2	R	Holding Register (4x)	0838	RW	AV, 30838	1	Q	Alarm setting	Supply air filter, filter air flow (reference point for calculation of alarm limit)	4.6-1-00
VentSettings.S_FilterGuard1Limit_Y2	R	Holding Register (4x)	0839	RW	AV, 30839	10	P	Alarm setting	Supply air filter, final pressure drop at filter air flow (reference point for calculation of alarm limit)	4.6-1-00
VentSettings.S_FilterGuard2Limit_X2	R	Holding Register (4x)	0842	RW	AV, 30842	1	Q	Alarm setting	Extract air filter, filter air flow (reference point for calculation of alarm limit)	4.6-1-00
VentSettings.S_FilterGuard2Limit_Y2	R	Holding Register (4x)	0843	RW	AV, 30843	10	P	Alarm setting	Extract air filter, final pressure drop at filter air flow (reference point for calculation of alarm limit)	4.6-1-00
VentSettings.S_SummerModeSupplySetpoint	R	Holding Register (4x)	0844	RW	AV, 30844	10	T	Summer setting	Supply air temp setpoint at summer time	
VentSettings.S_SummerModeOutdoortemp	R	Holding Register (4x)	0845	RW	AV, 30845	10	T	Summer setting	Outdoor temp for switching between summer and winter mode	
VentSettings.S_SummerModeStartDate	X	Holding Register (4x)	0846	RW		1		Summer setting	Date for start of summer period	
VentSettings.S_SummerModeStartMonth	X	Holding Register (4x)	0847	RW		1		Summer setting	Month for start of summer period	
VentSettings.S_SummerModeStopDate	X	Holding Register (4x)	0848	RW		1		Summer setting	Date for stop of summer period	
VentSettings.S_SummerModeStopMonth	X	Holding Register (4x)	0849	RW		1		Summer setting	Month for stop of summer period	
VentActual.A_BMS_OutDoorTemp	R	Holding Register (4x)	0850	RW	AV, 30850	10	T	AI function	Outdoor temperature sent from BMS system	4.1-1-00
VentSettings.S_EnergyHeaterLeakagedT	R	Holding Register (4x)	0851	RW	AV, 30851	10	T	Energy insight	Alarm limit in delta T, for leakage heater valve	4.1-1-00
VentSettings.S_Zone1SetP(0)	R	Holding Register (4x)	0852	RW	AV, 30852	10	T	Temperature setting	Setpoint zone 1 air temperature	4.3-1-00
VentSettings.S_Zone2SetP	R	Holding Register (4x)	0853	RW	AV, 30853	10	T	Temperature setting	Setpoint zone 2 air temperature	4.3-1-00
VentSettings.S_Zone3SetP	R	Holding Register (4x)	0854	RW	AV, 30854	10	T	Temperature setting	Setpoint zone 3 air temperature	4.3-1-00
VentSettings.S_Zone1SetpointMax(0)	R	Holding Register (4x)	0855	RW	AV, 30855	10	T	Temperature setting	Max limit of zone 1 supply setpoint if cascade control	4.3-1-00
VentSettings.S_Zone1SetpointMin(0)	R	Holding Register (4x)	0856	RW	AV, 30856	10	T	Temperature setting	Min limit of zone 1 supply setpoint if cascade control	4.3-1-00
VentSettings.S_Zone2SetpointMax	R	Holding Register (4x)	0857	RW	AV, 30857	10	T	Temperature setting	Max limit of zone 2 supply setpoint if cascade control	4.3-1-00
VentSettings.S_Zone2SetpointMin	R	Holding Register (4x)	0858	RW	AV, 30858	10	T	Temperature setting	Min limit of zone 2 supply setpoint if cascade control	4.3-1-00
VentSettings.S_Zone3SetpointMax	R	Holding Register (4x)	0859	RW	AV, 30859	10	T	Temperature setting	Max limit of zone 3 supply setpoint if cascade control	4.3-1-00
VentSettings.S_Zone3SetpointMin	R	Holding Register (4x)	0860	RW	AV, 30860	10	T	Temperature setting	Min limit of zone 3 supply setpoint if cascade control	4.3-1-00
VentSettings.S_Zone1NeutralZone(0)	R	Holding Register (4x)	0861	RW	AV, 30861	10	T	Temperature setting	Neutral zone around supply setpoint before heating and cooling zone 1.	4.3-1-00
VentSettings.S_Zone2NeutralZone	R	Holding Register (4x)	0862	RW	AV, 30862	10	T	Temperature setting	Neutral zone around supply setpoint before heating and cooling zone 2.	4.3-1-00
VentSettings.S_Zone3NeutralZone	R	Holding Register (4x)	0863	RW	AV, 30863	10	T	Temperature setting	Neutral zone around supply setpoint before heating and cooling zone 3.	4.3-1-00
VentSettings.S_FrostProtSPRunZone1	R	Holding Register (4x)	0864	RW	AV, 30864	10	T	Alarm setting	Alarm limit freeze protection alarm zone 1	4.3-1-00
VentSettings.S_FrostProtSPStopZone1	R	Holding Register (4x)	0865	RW	AV, 30865	10	T	Unit setting	Setpoint freeze protection zone 1 if standby mode	4.3-1-00
VentSettings.S_FrostProtPGainZone1	R	Holding Register (4x)	0866	RW	AV, 30866	10	T	Unit setting	P-band freeze protection zone 1 if running mode (setpoint=alarm limit+P-band)	4.3-1-00
VentSettings.S_FrostProtSPRunZone2	R	Holding Register (4x)	0867	RW	AV, 30867	10	T	Alarm setting	Alarm limit freeze protection alarm zone 2	4.3-1-00
VentSettings.S_FrostProtSPStopZone2	R	Holding Register (4x)	0868	RW	AV, 30868	10	T	Unit setting	Setpoint freeze protection zone 2 if standby mode	4.3-1-00

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentSettings.S_FrostProtPGainZone2	R	Holding Register (4x)	0869	RW	AV, 30869	10	T	Unit setting	P-band freeze protection zone 2 if running mode (setpoint=alarm limit+P-band)	4.3-1-00
VentSettings.S_FrostProtSPRunZone3	R	Holding Register (4x)	0870	RW	AV, 30870	10	T	Alarm setting	Alarm limit freeze protection alarm zone 3	4.3-1-00
VentSettings.S_FrostProtSPStopZone3	R	Holding Register (4x)	0871	RW	AV, 30871	10	T	Unit setting	Setpoint freeze protection zone 3 if standby mode	4.3-1-00
VentSettings.S_FrostProtPGainZone3	R	Holding Register (4x)	0872	RW	AV, 30872	10	T	Unit setting	P-band freeze protection zone 3 if running mode (setpoint=alarm limit+P-band)	4.3-1-00
VentSettings.S_SAFLowspeedAirFlow(0)	R	Holding Register (4x)	0873	RW		1	Q	Fan setting	Flow setpoint supply air fan low speed (32-bit float)	4.3-1-00
VentSettings.S_SAFNormalspeedAirFlow	R	Holding Register (4x)	0875	RW		1	Q	Fan setting	Flow setpoint supply air fan normal speed (32-bit float)	4.3-1-00
VentSettings.S_SAFHighspeedAirFlow	R	Holding Register (4x)	0877	RW		1	Q	Fan setting	Flow setpoint supply air fan high speed (32-bit float)	4.3-1-00
VentSettings.S_EAFLowspeedAirFlow(0)	R	Holding Register (4x)	0879	RW		1	Q	Fan setting	Flow setpoint extract air fan low speed (32-bit float)	4.3-1-00
VentSettings.S_EAFNormalspeedAirFlow	R	Holding Register (4x)	0881	RW		1	Q	Fan setting	Flow setpoint extract air fan normal speed (32-bit float)	4.3-1-00
VentSettings.S_EAFHighspeedAirFlow	R	Holding Register (4x)	0883	RW		1	Q	Fan setting	Flow setpoint extract air fan high speed (32-bit float)	4.3-1-00
VentSettings.S_DelayedStartDXCool	R	Holding Register (4x)	0885	RW	AV, 30885	10	T	Temperature setting	Min setpoint deviation to allow start of DX-cooling	4.3-1-00
VentSettings.S_DelayedStartDXHeat	R	Holding Register (4x)	0886	RW	AV, 30886	10	T	Temperature setting	Min setpoint deviation to allow start of DX-heating	4.3-1-00
VentSettings.S_HumidityNeutralZone	R	Holding Register (4x)	0887	RW	AV, 30887	10	%RH	Humidity control	Neutral zone humidity room / extract air	4.3-1-00
VentSettings.S_FrostProtFanReduction1(0)	X	Holding Register (4x)	0888	RW	MSV, 30888	1		Unit setting	Airflow reduction during active freeze protection 1	4.5-1-00
VentSettings.S_FrostProtFanReduction2	X	Holding Register (4x)	0889	RW	MSV, 30889	1		Unit setting	Airflow reduction during active freeze protection 2	4.5-1-00
VentSettings.S_FrostProtFanReduction3	X	Holding Register (4x)	0890	RW	MSV, 30890	1		Unit setting	Airflow reduction during active freeze protection 3	4.5-1-00
VentSettings.S_FrostProtFanReductionZone1	X	Holding Register (4x)	0891	RW	MSV, 30891	1		Unit setting	Airflow reduction during active freeze protection zone 1	4.5-1-00
VentSettings.S_FrostProtFanReductionZone2	X	Holding Register (4x)	0892	RW	MSV, 30892	1		Unit setting	Airflow reduction during active freeze protection zone 2	4.5-1-00
VentSettings.S_FrostProtFanReductionZone3	X	Holding Register (4x)	0893	RW	MSV, 30893	1		Unit setting	Airflow reduction during active freeze protection zone 3	4.5-1-00
VentSettings.S_ExtraSensor1HighLimit(0)	R	Holding Register (4x)	0894	RW		1		Alarm setting	Alarm high limit Extra sensor 1 (32-bit float)	4.6-1-00
VentSettings.S_ExtraSensor2HighLimit	R	Holding Register (4x)	0896	RW		1		Alarm setting	Alarm high limit Extra sensor 2 (32-bit float)	4.6-1-00
VentSettings.S_ExtraSensor3HighLimit	R	Holding Register (4x)	0898	RW		1		Alarm setting	Alarm high limit Extra sensor 3 (32-bit float)	4.6-1-00
VentSettings.S_ExtraSensor4HighLimit	R	Holding Register (4x)	0900	RW		1		Alarm setting	Alarm high limit Extra sensor 4 (32-bit float)	4.6-1-00
VentSettings.S_ExtraSensor5HighLimit	R	Holding Register (4x)	0902	RW		1		Alarm setting	Alarm high limit Extra sensor 5 (32-bit float)	4.6-1-00
VentSettings.S_ExtraSensor1LowLimit(0)	R	Holding Register (4x)	0904	RW		1		Alarm setting	Alarm low limit Extra sensor 1 (32-bit float)	4.6-1-00
VentSettings.S_ExtraSensor2LowLimit	R	Holding Register (4x)	0906	RW		1		Alarm setting	Alarm low limit Extra sensor 2 (32-bit float)	4.6-1-00
VentSettings.S_ExtraSensor3LowLimit	R	Holding Register (4x)	0908	RW		1		Alarm setting	Alarm low limit Extra sensor 3 (32-bit float)	4.6-1-00
VentSettings.S_ExtraSensor4LowLimit	R	Holding Register (4x)	0910	RW		1		Alarm setting	Alarm low limit Extra sensor 4 (32-bit float)	4.6-1-00
VentSettings.S_ExtraSensor5LowLimit	R	Holding Register (4x)	0912	RW		1		Alarm setting	Alarm low limit Extra sensor 5 (32-bit float)	4.6-1-00
VentSettings.S_FilterGuard3Limit_X2	R	Holding Register (4x)	0914	RW	AV, 30914	1	Q	Alarm setting	Supply air pre-filter, filter air flow (reference point for calculation of alarm limit)	4.6-1-00
VentSettings.S_FilterGuard3Limit_Y2	R	Holding Register (4x)	0915	RW	AV, 30915	10	P	Alarm setting	Supply air pre-filter, final pressure drop at filter air flow (reference point for calculation of alarm limit)	4.6-1-00
VentSettings.S_FilterGuard4Limit_X2	R	Holding Register (4x)	0916	RW	AV, 30916	1	Q	Alarm setting	Supply air end-filter, filter air flow (reference point for calculation of alarm limit)	4.6-1-00
VentSettings.S_FilterGuard4Limit_Y2	R	Holding Register (4x)	0917	RW	AV, 30917	10	P	Alarm setting	Supply air end-filter, final pressure drop at filter air flow (reference point for calculation of alarm limit)	4.6-1-00
VentSettings.S_FilterGuard5Limit_X2	R	Holding Register (4x)	0918	RW	AV, 30918	1	Q	Alarm setting	Extract air end-filter, filter air flow (reference point for calculation of alarm limit)	4.6-1-00
VentSettings.S_FilterGuard5Limit_Y2	R	Holding Register (4x)	0919	RW	AV, 30919	10	P	Alarm setting	Extract air end-filter, final pressure drop at filter air flow (reference point for calculation of alarm limit)	4.6-1-00
TimePro.TC_FanLowSpeed	L	Input Status Register (1x)	0000	R	BV, 20000			Time channel	Low speed active	
TimePro.TC_FanNormalSpeed	L	Input Status Register (1x)	0001	R	BV, 20001			Time channel	Normal speed active	
TimePro.TC_FanHighSpeed	L	Input Status Register (1x)	0002	R	BV, 20002			Time channel	High speed active	
TimePro.TC_Extra1	L	Input Status Register (1x)	0003	R	BV, 20003			Time channel	Extra time channel 1 active	
TimePro.TC_Extra2	L	Input Status Register (1x)	0004	R	BV, 20004			Time channel	Extra time channel 2 active	
TimePro.TC_Extra3	L	Input Status Register (1x)	0005	R	BV, 20005			Time channel	Extra time channel 3 active	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
TimePro.TC_Extra4	L	Input Status Register (1x)	0006	R	BV, 20006			Time channel	Extra time channel 4 active	
VentActual.A_SumAlarm	L	Input Status Register (1x)	0007	R	BV, 20007			Alarm point	Sum alarm: Unacknowledged A-, B- or C-alarm	
VentActual.A_SumAlarmA(0)	L	Input Status Register (1x)	0008	R	BV, 20008			Alarm point	Sum alarm: Unacknowledged A-alarm	
VentActual.A_SumAlarmB	L	Input Status Register (1x)	0009	R	BV, 20009			Alarm point	Sum alarm: Unacknowledged B-alarm	
VentActual.A_SumAlarmC	L	Input Status Register (1x)	0010	R	BV, 20010			Alarm point	Sum alarm: Unacknowledged C-alarm	
VentActual.A_AlaPt(1)	L	Input Status Register (1x)	0011	R	BV, 20011			Alarm point	Malfunction supply air fan 1	
VentActual.A_AlaPt(2)	L	Input Status Register (1x)	0012	R	BV, 20012			Alarm point	Malfunction supply air fan 2	
VentActual.A_AlaPt(3)	L	Input Status Register (1x)	0013	R	BV, 20013			Alarm point	Malfunction supply air fan 3	
VentActual.A_AlaPt(4)	L	Input Status Register (1x)	0014	R	BV, 20014			Alarm point	Malfunction supply air fan 4	
VentActual.A_AlaPt(5)	L	Input Status Register (1x)	0015	R	BV, 20015			Alarm point	Malfunction supply air fan 5	
VentActual.A_AlaPt(6)	L	Input Status Register (1x)	0016	R	BV, 20016			Alarm point	Malfunction extract air fan 1	
VentActual.A_AlaPt(7)	L	Input Status Register (1x)	0017	R	BV, 20017			Alarm point	Malfunction extract air fan 2	
VentActual.A_AlaPt(8)	L	Input Status Register (1x)	0018	R	BV, 20018			Alarm point	Malfunction extract air fan 3	
VentActual.A_AlaPt(9)	L	Input Status Register (1x)	0019	R	BV, 20019			Alarm point	Malfunction extract air fan 4	
VentActual.A_AlaPt(10)	L	Input Status Register (1x)	0020	R	BV, 20020			Alarm point	Malfunction extract air fan 5	
VentActual.A_AlaPt(11)	L	Input Status Register (1x)	0021	R	BV, 20021			Alarm point	Alarm supply air fan 1	
VentActual.A_AlaPt(12)	L	Input Status Register (1x)	0022	R	BV, 20022			Alarm point	Alarm supply air fan 2	
VentActual.A_AlaPt(13)	L	Input Status Register (1x)	0023	R	BV, 20023			Alarm point	Alarm supply air fan 3	
VentActual.A_AlaPt(14)	L	Input Status Register (1x)	0024	R	BV, 20024			Alarm point	Alarm supply air fan 4	
VentActual.A_AlaPt(15)	L	Input Status Register (1x)	0025	R	BV, 20025			Alarm point	Alarm supply air fan 5	
VentActual.A_AlaPt(16)	L	Input Status Register (1x)	0026	R	BV, 20026			Alarm point	Alarm extract air fan 1	
VentActual.A_AlaPt(17)	L	Input Status Register (1x)	0027	R	BV, 20027			Alarm point	Alarm extract air fan 2	
VentActual.A_AlaPt(18)	L	Input Status Register (1x)	0028	R	BV, 20028			Alarm point	Alarm extract air fan 3	
VentActual.A_AlaPt(19)	L	Input Status Register (1x)	0029	R	BV, 20029			Alarm point	Alarm extract air fan 4	
VentActual.A_AlaPt(20)	L	Input Status Register (1x)	0030	R	BV, 20030			Alarm point	Alarm extract air fan 5	
VentActual.A_AlaPt(21)	L	Input Status Register (1x)	0031	R	BV, 20031			Alarm point	Warning supply air fan 1	
VentActual.A_AlaPt(22)	L	Input Status Register (1x)	0032	R	BV, 20032			Alarm point	Warning supply air fan 2	
VentActual.A_AlaPt(23)	L	Input Status Register (1x)	0033	R	BV, 20033			Alarm point	Warning supply air fan 3	
VentActual.A_AlaPt(24)	L	Input Status Register (1x)	0034	R	BV, 20034			Alarm point	Warning supply air fan 4	
VentActual.A_AlaPt(25)	L	Input Status Register (1x)	0035	R	BV, 20035			Alarm point	Warning supply air fan 5	
VentActual.A_AlaPt(26)	L	Input Status Register (1x)	0036	R	BV, 20036			Alarm point	Warning extract air fan 1	
VentActual.A_AlaPt(27)	L	Input Status Register (1x)	0037	R	BV, 20037			Alarm point	Warning extract air fan 2	
VentActual.A_AlaPt(28)	L	Input Status Register (1x)	0038	R	BV, 20038			Alarm point	Warning extract air fan 3	
VentActual.A_AlaPt(29)	L	Input Status Register (1x)	0039	R	BV, 20039			Alarm point	Warning extract air fan 4	
VentActual.A_AlaPt(30)	L	Input Status Register (1x)	0040	R	BV, 20040			Alarm point	Warning extract air fan 5	
VentActual.A_AlaPt(31)	L	Input Status Register (1x)	0041	R	BV, 20041			Alarm point	External operation supply air fan	
VentActual.A_AlaPt(32)	L	Input Status Register (1x)	0042	R	BV, 20042			Alarm point	External operation extract air fan	
VentActual.A_AlaPt(33)	L	Input Status Register (1x)	0043	R	BV, 20043			Alarm point	Extra fan motor 1 running	
VentActual.A_AlaPt(34)	L	Input Status Register (1x)	0044	R	BV, 20044			Alarm point	Extra fan motor 2 running	
VentActual.A_AlaPt(35)	L	Input Status Register (1x)	0045	R	BV, 20045			Alarm point	Malfunction pump heater	
VentActual.A_AlaPt(36)	L	Input Status Register (1x)	0046	R	BV, 20046			Alarm point	Malfunction pump cooler	
VentActual.A_AlaPt(37)	L	Input Status Register (1x)	0047	R	BV, 20047			Alarm point	Malfunction pump exchanger	
VentActual.A_AlaPt(38)	L	Input Status Register (1x)	0048	R	BV, 20048			Alarm point	Malfunction fire damper	
VentActual.A_AlaPt(39)	L	Input Status Register (1x)	0049	R	BV, 20049			Alarm point	Malfunction damper	
VentActual.A_AlaPt(40)	L	Input Status Register (1x)	0050	R	BV, 20050			Alarm point	Malfunction extra fan motor 1	
VentActual.A_AlaPt(41)	L	Input Status Register (1x)	0051	R	BV, 20051			Alarm point	Malfunction extra fan motor 2	
VentActual.A_AlaPt(42)	L	Input Status Register (1x)	0052	R	BV, 20052			Alarm point	Malfunction adiabatic cooling	
VentActual.A_AlaPt(43)	L	Input Status Register (1x)	0053	R	BV, 20053			Alarm point	Malfunction sequence-A	
VentActual.A_AlaPt(44)	L	Input Status Register (1x)	0054	R	BV, 20054			Alarm point	Malfunction sequence-B	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_AlaPt(45)	L	Input Status Register (1x)	0055	R	BV, 20055			Alarm point	Malfunction sequence-C	
VentActual.A_AlaPt(46)	L	Input Status Register (1x)	0056	R	BV, 20056			Alarm point	Malfunction sequence-D	
VentActual.A_AlaPt(47)	L	Input Status Register (1x)	0057	R	BV, 20057			Alarm point	Malfunction sequence-E	
VentActual.A_AlaPt(48)	L	Input Status Register (1x)	0058	R	BV, 20058			Alarm point	Malfunction sequence-F	
VentActual.A_AlaPt(49)	L	Input Status Register (1x)	0059	R	BV, 20059			Alarm point	Malfunction sequence-G	
VentActual.A_AlaPt(50)	L	Input Status Register (1x)	0060	R	BV, 20060			Alarm point	Malfunction sequence-H	
VentActual.A_AlaPt(51)	L	Input Status Register (1x)	0061	R	BV, 20061			Alarm point	Malfunction sequence-I	
VentActual.A_AlaPt(52)	L	Input Status Register (1x)	0062	R	BV, 20062			Alarm point	Malfunction sequence-J	
VentActual.A_AlaPt(53)	L	Input Status Register (1x)	0063	R	BV, 20063			Alarm point	Filter alarm supply air	
VentActual.A_AlaPt(54)	L	Input Status Register (1x)	0064	R	BV, 20064			Alarm point	Filter alarm extract air	
VentActual.A_AlaPt(55)	L	Input Status Register (1x)	0065	R	BV, 20065			Alarm point	Alarm low air flow	
VentActual.A_AlaPt(56)	L	Input Status Register (1x)	0066	R	BV, 20066			Alarm point	Freeze protection guard	
VentActual.A_AlaPt(57)	L	Input Status Register (1x)	0067	R	BV, 20067			Alarm point	Defrosting guard exchanger	
VentActual.A_AlaPt(58)	L	Input Status Register (1x)	0068	R	BV, 20068			Alarm point	Fire alarm	
VentActual.A_AlaPt(59)	L	Input Status Register (1x)	0069	R	BV, 20069			Alarm point	Smoke alarm	
VentActual.A_AlaPt(60)	L	Input Status Register (1x)	0070	R	BV, 20070			Alarm point	External stop	
VentActual.A_AlaPt(61)	L	Input Status Register (1x)	0071	R	BV, 20071			Alarm point	External alarm	
VentActual.A_AlaPt(62)	L	Input Status Register (1x)	0072	R	BV, 20072			Alarm point	Service stop	
VentActual.A_AlaPt(63)	L	Input Status Register (1x)	0073	R	BV, 20073			Alarm point	Electric heater is overheated	
VentActual.A_AlaPt(64)	L	Input Status Register (1x)	0074	R	BV, 20074			Alarm point	Warning freeze protection	
VentActual.A_AlaPt(65)	L	Input Status Register (1x)	0075	R	BV, 20075			Alarm point	Low efficiency exchanger	
VentActual.A_AlaPt(66)	L	Input Status Register (1x)	0076	R	BV, 20076			Alarm point	Defrosting alarm	
VentActual.A_AlaPt(67)	L	Input Status Register (1x)	0077	R	BV, 20077			Alarm point	Rotary exchanger alarm	
VentActual.A_AlaPt(68)	L	Input Status Register (1x)	0078	R	BV, 20078			Alarm point	Extra alarm 1	
VentActual.A_AlaPt(69)	L	Input Status Register (1x)	0079	R	BV, 20079			Alarm point	Extra alarm 2	
VentActual.A_AlaPt(70)	L	Input Status Register (1x)	0080	R	BV, 20080			Alarm point	Extra alarm 3	
VentActual.A_AlaPt(71)	L	Input Status Register (1x)	0081	R	BV, 20081			Alarm point	Extra alarm 4	
VentActual.A_AlaPt(72)	L	Input Status Register (1x)	0082	R	BV, 20082			Alarm point	Extra alarm 5	
VentActual.A_AlaPt(73)	L	Input Status Register (1x)	0083	R	BV, 20083			Alarm point	Extra alarm 6	
VentActual.A_AlaPt(74)	L	Input Status Register (1x)	0084	R	BV, 20084			Alarm point	Extra alarm 7	
VentActual.A_AlaPt(75)	L	Input Status Register (1x)	0085	R	BV, 20085			Alarm point	Extra alarm 8	
VentActual.A_AlaPt(76)	L	Input Status Register (1x)	0086	R	BV, 20086			Alarm point	Extra alarm 9	
VentActual.A_AlaPt(77)	L	Input Status Register (1x)	0087	R	BV, 20087			Alarm point	Extra alarm 10	
VentActual.A_AlaPt(78)	L	Input Status Register (1x)	0088	R	BV, 20088			Alarm point	Internal battery error	
VentActual.A_AlaPt(79)	L	Input Status Register (1x)	0089	R	BV, 20089			Alarm point	Alarm service interval	
VentActual.A_AlaPt(80)	L	Input Status Register (1x)	0090	R	BV, 20090			Alarm point	Restart blocked after power on	
VentActual.A_AlaPt(81)	L	Input Status Register (1x)	0091	R	BV, 20091			Alarm point	Deviation alarm supply air temperature	
VentActual.A_AlaPt(82)	L	Input Status Register (1x)	0092	R	BV, 20092			Alarm point	Deviation alarm supply air fan	
VentActual.A_AlaPt(83)	L	Input Status Register (1x)	0093	R	BV, 20093			Alarm point	Deviation alarm extract air fan	
VentActual.A_AlaPt(84)	L	Input Status Register (1x)	0094	R	BV, 20094			Alarm point	Deviation alarm humidity control	
VentActual.A_AlaPt(85)	L	Input Status Register (1x)	0095	R	BV, 20095			Alarm point	Deviation alarm extra controller	
VentActual.A_AlaPt(86)	L	Input Status Register (1x)	0096	R	BV, 20096			Alarm point	High supply air temperature	
VentActual.A_AlaPt(87)	L	Input Status Register (1x)	0097	R	BV, 20097			Alarm point	Low supply air temperature	
VentActual.A_AlaPt(88)	L	Input Status Register (1x)	0098	R				Alarm point	Supply air temperature max limit	
VentActual.A_AlaPt(89)	L	Input Status Register (1x)	0099	R				Alarm point	Supply air temperature min limit	
VentActual.A_AlaPt(90)	L	Input Status Register (1x)	0100	R				Alarm point	High room temperature	
VentActual.A_AlaPt(91)	L	Input Status Register (1x)	0101	R				Alarm point	Low room temperature	
VentActual.A_AlaPt(92)	L	Input Status Register (1x)	0102	R				Alarm point	High extract air temperature	
VentActual.A_AlaPt(93)	L	Input Status Register (1x)	0103	R				Alarm point	Low extract air temperature	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_AlaPt(94)	L	Input Status Register (1x)	0104	R				Alarm point	High outdoor air temperature	
VentActual.A_AlaPt(95)	L	Input Status Register (1x)	0105	R				Alarm point	Low outdoor air temperature	
VentActual.A_AlaPt(96)	L	Input Status Register (1x)	0106	R				Alarm point	Freeze protection alarm 1	
VentActual.A_AlaPt(97)	L	Input Status Register (1x)	0107	R				Alarm point	Freeze protection alarm 2	
VentActual.A_AlaPt(98)	L	Input Status Register (1x)	0108	R				Alarm point	Freeze protection alarm 3	
VentActual.A_AlaPt(99)	L	Input Status Register (1x)	0109	R				Alarm point	High limit extra sensor 1	
VentActual.A_AlaPt(100)	L	Input Status Register (1x)	0110	R				Alarm point	Low limit extra sensor 1	
VentActual.A_AlaPt(101)	L	Input Status Register (1x)	0111	R				Alarm point	High limit extra sensor 2	
VentActual.A_AlaPt(102)	L	Input Status Register (1x)	0112	R				Alarm point	Low limit extra sensor 2	
VentActual.A_AlaPt(103)	L	Input Status Register (1x)	0113	R				Alarm point	High limit extra sensor 3	
VentActual.A_AlaPt(104)	L	Input Status Register (1x)	0114	R				Alarm point	Low limit extra sensor 3	
VentActual.A_AlaPt(105)	L	Input Status Register (1x)	0115	R				Alarm point	High limit extra sensor 4	
VentActual.A_AlaPt(106)	L	Input Status Register (1x)	0116	R				Alarm point	Low limit extra sensor 4	
VentActual.A_AlaPt(107)	L	Input Status Register (1x)	0117	R				Alarm point	High limit extra sensor 5	
VentActual.A_AlaPt(108)	L	Input Status Register (1x)	0118	R				Alarm point	Low limit extra sensor 5	
VentActual.A_AlaPt(109)	L	Input Status Register (1x)	0119	R	BV, 20119			Alarm point	High limit selected sensor 1	
VentActual.A_AlaPt(110)	L	Input Status Register (1x)	0120	R	BV, 20120			Alarm point	Low limit selected sensor 1	
VentActual.A_AlaPt(111)	L	Input Status Register (1x)	0121	R	BV, 20121			Alarm point	High limit selected sensor 2	
VentActual.A_AlaPt(112)	L	Input Status Register (1x)	0122	R	BV, 20122			Alarm point	Low limit selected sensor 2	
VentActual.A_AlaPt(113)	L	Input Status Register (1x)	0123	R	BV, 20123			Alarm point	Manual operation air handling unit	
VentActual.A_AlaPt(114)	L	Input Status Register (1x)	0124	R	BV, 20124			Alarm point	Manual operation supply air	
VentActual.A_AlaPt(115)	L	Input Status Register (1x)	0125	R	BV, 20125			Alarm point	Manual operation supply air fan	
VentActual.A_AlaPt(116)	L	Input Status Register (1x)	0126	R	BV, 20126			Alarm point	Manual operation extract air fan	
VentActual.A_AlaPt(117)	L	Input Status Register (1x)	0127	R	BV, 20127			Alarm point	Manual operation heater	
VentActual.A_AlaPt(118)	L	Input Status Register (1x)	0128	R	BV, 20128			Alarm point	Manual operation exchanger	
VentActual.A_AlaPt(119)	L	Input Status Register (1x)	0129	R	BV, 20129			Alarm point	Manual operation cooler	
VentActual.A_AlaPt(120)	L	Input Status Register (1x)	0130	R	BV, 20130			Alarm point	Manual operation damper	
VentActual.A_AlaPt(121)	L	Input Status Register (1x)	0131	R	BV, 20131			Alarm point	Manual operation pump heater	
VentActual.A_AlaPt(122)	L	Input Status Register (1x)	0132	R	BV, 20132			Alarm point	Manual operation pump exchanger	
VentActual.A_AlaPt(123)	L	Input Status Register (1x)	0133	R	BV, 20133			Alarm point	Manual operation pump cooler	
VentActual.A_AlaPt(124)	L	Input Status Register (1x)	0134	R	BV, 20134			Alarm point	Manual operation damper recirculation	
VentActual.A_AlaPt(125)	L	Input Status Register (1x)	0135	R	BV, 20135			Alarm point	Manual operation damper outdoor air	
VentActual.A_AlaPt(126)	L	Input Status Register (1x)	0136	R	BV, 20136			Alarm point	Manual operation damper exhaust air	
VentActual.A_AlaPt(127)	L	Input Status Register (1x)	0137	R	BV, 20137			Alarm point	Manual operation fire damper	
VentActual.A_AlaPt(128)	L	Input Status Register (1x)	0138	R	BV, 20138			Alarm point	Manual control sequence-A	
VentActual.A_AlaPt(129)	L	Input Status Register (1x)	0139	R	BV, 20139			Alarm point	Manual control sequence-B	
VentActual.A_AlaPt(130)	L	Input Status Register (1x)	0140	R	BV, 20140			Alarm point	Manual control sequence-C	
VentActual.A_AlaPt(131)	L	Input Status Register (1x)	0141	R	BV, 20141			Alarm point	Manual control sequence-D	
VentActual.A_AlaPt(132)	L	Input Status Register (1x)	0142	R	BV, 20142			Alarm point	Manual control sequence-E	
VentActual.A_AlaPt(133)	L	Input Status Register (1x)	0143	R	BV, 20143			Alarm point	Manual control sequence-F	
VentActual.A_AlaPt(134)	L	Input Status Register (1x)	0144	R	BV, 20144			Alarm point	Manual control sequence-G	
VentActual.A_AlaPt(135)	L	Input Status Register (1x)	0145	R	BV, 20145			Alarm point	Manual control sequence-H	
VentActual.A_AlaPt(136)	L	Input Status Register (1x)	0146	R	BV, 20146			Alarm point	Manual control sequence-I	
VentActual.A_AlaPt(137)	L	Input Status Register (1x)	0147	R	BV, 20147			Alarm point	Manual control sequence-J	
VentActual.A_AlaPt(138)	L	Input Status Register (1x)	0148	R	BV, 20148			Alarm point	Output in manual operation	
VentActual.A_AlaPt(139)	L	Input Status Register (1x)	0149	R	BV, 20149			Alarm point	Input in manual operation	
VentActual.A_AlaPt(140)	L	Input Status Register (1x)	0150	R	BV, 20150			Alarm point	Manual operation extra controller	
VentActual.A_AlaPt(141)	L	Input Status Register (1x)	0151	R	BV, 20151			Alarm point	Manual operation external fan motor 1	
VentActual.A_AlaPt(142)	L	Input Status Register (1x)	0152	R	BV, 20152			Alarm point	Manual operation external fan motor 2	

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Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_AlaPt(143)	L	Input Status Register (1x)	0153	R	BV, 20153			Alarm point	Manual operation pretreatment	
VentActual.A_AlaPt(144)	L	Input Status Register (1x)	0154	R				Alarm point	Sensor error outdoor air temperature	
VentActual.A_AlaPt(145)	L	Input Status Register (1x)	0155	R				Alarm point	Sensor error intake air temperature	
VentActual.A_AlaPt(146)	L	Input Status Register (1x)	0156	R				Alarm point	Sensor error supply air temperature	
VentActual.A_AlaPt(147)	L	Input Status Register (1x)	0157	R				Alarm point	Sensor error exhaust air temperature	
VentActual.A_AlaPt(148)	L	Input Status Register (1x)	0158	R				Alarm point	Sensor error extract air temperature	
VentActual.A_AlaPt(149)	L	Input Status Register (1x)	0159	R				Alarm point	Sensor error room temperature 1	
VentActual.A_AlaPt(150)	L	Input Status Register (1x)	0160	R				Alarm point	Sensor error room temperature 2	
VentActual.A_AlaPt(151)	L	Input Status Register (1x)	0161	R				Alarm point	Sensor error room temperature 3	
VentActual.A_AlaPt(152)	L	Input Status Register (1x)	0162	R				Alarm point	Sensor error room temperature 4	
VentActual.A_AlaPt(153)	L	Input Status Register (1x)	0163	R				Alarm point	Sensor error pressure supply air	
VentActual.A_AlaPt(154)	L	Input Status Register (1x)	0164	R				Alarm point	Sensor error pressure extract air	
VentActual.A_AlaPt(155)	L	Input Status Register (1x)	0165	R				Alarm point	Sensor error flow supply air	
VentActual.A_AlaPt(156)	L	Input Status Register (1x)	0166	R				Alarm point	Sensor error flow extract air	
VentActual.A_AlaPt(157)	L	Input Status Register (1x)	0167	R				Alarm point	Sensor error flow exchanger supply air	
VentActual.A_AlaPt(158)	L	Input Status Register (1x)	0168	R				Alarm point	Sensor error pressure exchanger extract air	
VentActual.A_AlaPt(159)	L	Input Status Register (1x)	0169	R				Alarm point	Sensor error defrosting temperature	
VentActual.A_AlaPt(160)	L	Input Status Register (1x)	0170	R				Alarm point	Sensor error freeze protection temperature 1	
VentActual.A_AlaPt(161)	L	Input Status Register (1x)	0171	R				Alarm point	Sensor error freeze protection temperature 2	
VentActual.A_AlaPt(162)	L	Input Status Register (1x)	0172	R				Alarm point	Sensor error freeze protection temperature 3	
VentActual.A_AlaPt(163)	L	Input Status Register (1x)	0173	R				Alarm point	Sensor error CO2 room/extract air	
VentActual.A_AlaPt(164)	L	Input Status Register (1x)	0174	R				Alarm point	Sensor error humidity room/extract air	
VentActual.A_AlaPt(165)	L	Input Status Register (1x)	0175	R				Alarm point	Sensor error humidity supply air	
VentActual.A_AlaPt(166)	L	Input Status Register (1x)	0176	R				Alarm point	Sensor error extra controller	
VentActual.A_AlaPt(167)	L	Input Status Register (1x)	0177	R				Alarm point	Signal error external control supply air fan	
VentActual.A_AlaPt(168)	L	Input Status Register (1x)	0178	R				Alarm point	Signal error external control extract air fan	
VentActual.A_AlaPt(169)	L	Input Status Register (1x)	0179	R				Alarm point	Sensor error humidity outdoor	
VentActual.A_AlaPt(170)	L	Input Status Register (1x)	0180	R				Alarm point	Sensor error extra sensor 1	
VentActual.A_AlaPt(171)	L	Input Status Register (1x)	0181	R				Alarm point	Sensor error extra sensor 2	
VentActual.A_AlaPt(172)	L	Input Status Register (1x)	0182	R				Alarm point	Sensor error extra sensor 3	
VentActual.A_AlaPt(173)	L	Input Status Register (1x)	0183	R				Alarm point	Sensor error extra sensor 4	
VentActual.A_AlaPt(174)	L	Input Status Register (1x)	0184	R				Alarm point	Sensor error extra sensor 5	
VentActual.A_AlaPt(175)	L	Input Status Register (1x)	0185	R				Alarm point	Sensor error external temperature setpoint	
VentActual.A_AlaPt(176)	L	Input Status Register (1x)	0186	R				Alarm point	Signal error external flow setpoint	
VentActual.A_AlaPt(177)	L	Input Status Register (1x)	0187	R				Alarm point	Sensor error pressure filter supply air	
VentActual.A_AlaPt(178)	L	Input Status Register (1x)	0188	R				Alarm point	Sensor error pressure filter extract air	
VentActual.A_AlaPt(179)	L	Input Status Register (1x)	0189	R				Alarm point	Sensor error efficiency temperature exchanger	
VentActual.A_AlaPt(180)	L	Input Status Register (1x)	0190	R	BV, 20190			Alarm point	Fault communication device	
VentActual.A_AlaPt(181)	L	Input Status Register (1x)	0191	R	BV, 20191			Alarm point	Malfunction Extra Controller	
VentActual.A_AlaPt(182)	L	Input Status Register (1x)	0192	R	BV, 20192			Alarm point	Internal error	
VentActual.A_AlaPt(183)	L	Input Status Register (1x)	0193	R	BV, 20193			Alarm point	Smoke detector service	
VentActual.A_AlaPt(184)	L	Input Status Register (1x)	0194	R	BV, 20194			Alarm point	Smoke detector connection error	
VentActual.A_AlaPt(185)	L	Input Status Register (1x)	0195	R	BV, 20195			Alarm point	Malfunction preheater	4.1-1-00
VentActual.A_AlaPt(186)	L	Input Status Register (1x)	0196	R				Alarm point	Communication fault BMS master	4.1-1-00
VentActual.A_AlaPt(187)	L	Input Status Register (1x)	0197	R	BV, 20197			Alarm point	Leakage heater valve	4.1-1-00
VentActual.A_AlaPt(188)	L	Input Status Register (1x)	0198	R	BV, 20198			Alarm point	Sensor error preheater temperature	4.1-1-00
VentActual.A_AlaPt(189)	L	Input Status Register (1x)	0199	R	BV, 20199			Alarm point	Malfunction supply air fan 6	4.3-1-00
VentActual.A_AlaPt(191)	L	Input Status Register (1x)	0200	R	BV, 20200			Alarm point	Malfunction supply air fan 7	4.3-1-00
VentActual.A_AlaPt(192)	L	Input Status Register (1x)	0201	R	BV, 20201			Alarm point	Malfunction supply air fan 8	4.3-1-00

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Signal name	EXOL Type	Modbus type	Modbus addres	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_AlaPt(193)	L	Input Status Register (1x)	0202	R	BV, 20202			Alarm point	Malfunction extract air fan 6	4.3-1-00
VentActual.A_AlaPt(194)	L	Input Status Register (1x)	0203	R	BV, 20203			Alarm point	Malfunction extract air fan 7	4.3-1-00
VentActual.A_AlaPt(195)	L	Input Status Register (1x)	0204	R	BV, 20204			Alarm point	Malfunction extract air fan 8	4.3-1-00
VentActual.A_AlaPt(196)	L	Input Status Register (1x)	0205	R	BV, 20205			Alarm point	Alarm supply air fan 6	4.3-1-00
VentActual.A_AlaPt(197)	L	Input Status Register (1x)	0206	R	BV, 20206			Alarm point	Alarm supply air fan 7	4.3-1-00
VentActual.A_AlaPt(198)	L	Input Status Register (1x)	0207	R	BV, 20207			Alarm point	Alarm supply air fan 8	4.3-1-00
VentActual.A_AlaPt(199)	L	Input Status Register (1x)	0208	R	BV, 20208			Alarm point	Alarm extract air fan 6	4.3-1-00
VentActual.A_AlaPt(190)	L	Input Status Register (1x)	0209	R	BV, 20209			Alarm point	Alarm extract air fan 7	4.3-1-00
VentActual.A_AlaPt(200)	L	Input Status Register (1x)	0210	R	BV, 20210			Alarm point	Alarm extract air fan 8	4.3-1-00
VentActual.A_AlaPt(201)	L	Input Status Register (1x)	0211	R	BV, 20211			Alarm point	Warning supply air fan 6	4.3-1-00
VentActual.A_AlaPt(202)	L	Input Status Register (1x)	0212	R	BV, 20212			Alarm point	Warning supply air fan 7	4.3-1-00
VentActual.A_AlaPt(203)	L	Input Status Register (1x)	0213	R	BV, 20213			Alarm point	Warning supply air fan 8	4.3-1-00
VentActual.A_AlaPt(204)	L	Input Status Register (1x)	0214	R	BV, 20214			Alarm point	Warning extract air fan 6	4.3-1-00
VentActual.A_AlaPt(205)	L	Input Status Register (1x)	0215	R	BV, 20215			Alarm point	Warning extract air fan 7	4.3-1-00
VentActual.A_AlaPt(206)	L	Input Status Register (1x)	0216	R	BV, 20216			Alarm point	Warning extract air fan 8	4.3-1-00
VentActual.A_AlaPt(207)	L	Input Status Register (1x)	0217	R	BV, 20217			Alarm point	Malfunction heating zone 1	4.3-1-00
VentActual.A_AlaPt(208)	L	Input Status Register (1x)	0218	R	BV, 20218			Alarm point	Malfunction heating zone 2	4.3-1-00
VentActual.A_AlaPt(209)	L	Input Status Register (1x)	0219	R	BV, 20219			Alarm point	Malfunction heating zone 3	4.3-1-00
VentActual.A_AlaPt(210)	L	Input Status Register (1x)	0220	R	BV, 20220			Alarm point	Malfunction cooling zone 1	4.3-1-00
VentActual.A_AlaPt(211)	L	Input Status Register (1x)	0221	R	BV, 20221			Alarm point	Malfunction cooling zone 2	4.3-1-00
VentActual.A_AlaPt(212)	L	Input Status Register (1x)	0222	R	BV, 20222			Alarm point	Malfunction cooling zone 3	4.3-1-00
VentActual.A_AlaPt(213)	L	Input Status Register (1x)	0223	R	BV, 20223			Alarm point	Deviation alarm supply temperature zone 1	4.3-1-00
VentActual.A_AlaPt(214)	L	Input Status Register (1x)	0224	R	BV, 20224			Alarm point	Deviation alarm supply temperature zone 2	4.3-1-00
VentActual.A_AlaPt(215)	L	Input Status Register (1x)	0225	R	BV, 20225			Alarm point	Deviation alarm supply temperature zone 3	4.3-1-00
VentActual.A_AlaPt(216)	L	Input Status Register (1x)	0226	R	BV, 20226			Alarm point	Freeze protection alarm zone 1	4.3-1-00
VentActual.A_AlaPt(217)	L	Input Status Register (1x)	0227	R	BV, 20227			Alarm point	Freeze protection alarm zone 2	4.3-1-00
VentActual.A_AlaPt(218)	L	Input Status Register (1x)	0228	R	BV, 20228			Alarm point	Freeze protection alarm zone 3	4.3-1-00
VentActual.A_AlaPt(219)	L	Input Status Register (1x)	0229	R	BV, 20229			Alarm point	Electric heater is overheated zone 1	4.3-1-00
VentActual.A_AlaPt(220)	L	Input Status Register (1x)	0230	R	BV, 20230			Alarm point	Electric heater is overheated zone 2	4.3-1-00
VentActual.A_AlaPt(221)	L	Input Status Register (1x)	0231	R	BV, 20231			Alarm point	Electric heater is overheated zone 3	4.3-1-00
VentActual.A_AlaPt(222)	L	Input Status Register (1x)	0232	R				Alarm point	Sensor error supply air temp zone 1	4.3-1-00
VentActual.A_AlaPt(223)	L	Input Status Register (1x)	0233	R				Alarm point	Sensor error supply air temp zone 2	4.3-1-00
VentActual.A_AlaPt(224)	L	Input Status Register (1x)	0234	R				Alarm point	Sensor error supply air temp zone 3	4.3-1-00
VentActual.A_AlaPt(225)	L	Input Status Register (1x)	0235	R				Alarm point	Sensor error room temp zone 1	4.3-1-00
VentActual.A_AlaPt(226)	L	Input Status Register (1x)	0236	R				Alarm point	Sensor error room temp zone 2	4.3-1-00
VentActual.A_AlaPt(227)	L	Input Status Register (1x)	0237	R				Alarm point	Sensor error room temp zone 3	4.3-1-00
VentActual.A_AlaPt(228)	L	Input Status Register (1x)	0238	R				Alarm point	Sensor error extract temp zone 1	4.3-1-00
VentActual.A_AlaPt(229)	L	Input Status Register (1x)	0239	R				Alarm point	Sensor error extract temp zone 2	4.3-1-00
VentActual.A_AlaPt(230)	L	Input Status Register (1x)	0240	R				Alarm point	Sensor error extract temp zone 3	4.3-1-00
VentActual.A_AlaPt(231)	L	Input Status Register (1x)	0241	R				Alarm point	Sensor error freeze protection zone 1	4.3-1-00
VentActual.A_AlaPt(232)	L	Input Status Register (1x)	0242	R				Alarm point	Sensor error freeze protection zone 2	4.3-1-00
VentActual.A_AlaPt(233)	L	Input Status Register (1x)	0243	R				Alarm point	Sensor error freeze protection zone 3	4.3-1-00
VentActual.A_AlaPt(234)	L	Input Status Register (1x)	0244	R				Alarm point	Signal error feedback cooling valve	4.5-1-00
VentActual.A_AlaPt(235)	L	Input Status Register (1x)	0245	R				Alarm point	Signal error feedback outdoor air damper	4.5-1-00
VentActual.A_AlaPt(236)	L	Input Status Register (1x)	0246	R				Alarm point	Signal error feedback recirculation damper	4.5-1-00
VentActual.A_AlaPt(237)	L	Input Status Register (1x)	0247	R	BV, 20247			Alarm point	Device warning	4.6-1-00
VentActual.A_AlaPt(238)	L	Input Status Register (1x)	0248	R	BV, 20248			Alarm point	Device alarm	4.6-1-00
VentActual.A_AlaPt(239)	L	Input Status Register (1x)	0249	R	BV, 20249			Alarm point	High pressure EATR	4.6-1-00
VentActual.A_AlaPt(240)	L	Input Status Register (1x)	0250	R				Alarm point	Sensor error pressure EATR	4.5-1-00

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_AlaPt(241)	L	Input Status Register (1x)	0251	R	BV, 20251			Alarm point	Fail-safe airflow/temperature control	4.6-1-00
VentActual.A_AlaPt(242)	L	Input Status Register (1x)	0252	R	BV, 20252			Alarm point	Pre-filter alarm supply air	4.6-1-00
VentActual.A_AlaPt(243)	L	Input Status Register (1x)	0253	R	BV, 20253			Alarm point	End-filter alarm supply air	4.6-1-00
VentActual.A_AlaPt(244)	L	Input Status Register (1x)	0254	R	BV, 20254			Alarm point	Pre-filter alarm extract air	4.6-1-00
VentActual.A_AlaPt(245)	L	Input Status Register (1x)	0255	R				Alarm point	Sensor error pressure pre-filter supply air	4.6-1-00
VentActual.A_AlaPt(246)	L	Input Status Register (1x)	0256	R				Alarm point	Sensor error pressure end-filter supply air	4.6-1-00
VentActual.A_AlaPt(247)	L	Input Status Register (1x)	0257	R				Alarm point	Sensor error pressure pre-filter extract air	4.6-1-00
VentActual.A_DigitalInput(1)	L	Input Status Register (1x)	0261	R	BV, 20261			Digital input	Actual value DI1	
VentActual.A_DigitalInput(2)	L	Input Status Register (1x)	0262	R	BV, 20262			Digital input	Actual value DI2	
VentActual.A_DigitalInput(3)	L	Input Status Register (1x)	0263	R	BV, 20263			Digital input	Actual value DI3	
VentActual.A_DigitalInput(4)	L	Input Status Register (1x)	0264	R	BV, 20264			Digital input	Actual value DI4	
VentActual.A_DigitalInput(5)	L	Input Status Register (1x)	0265	R	BV, 20265			Digital input	Actual value DI5	
VentActual.A_DigitalInput(6)	L	Input Status Register (1x)	0266	R	BV, 20266			Digital input	Actual value DI6	
VentActual.A_DigitalInput(7)	L	Input Status Register (1x)	0267	R	BV, 20267			Digital input	Actual value DI7	
VentActual.A_DigitalInput(8)	L	Input Status Register (1x)	0268	R	BV, 20268			Digital input	Actual value DI8	
VentActual.A_DigitalInput(9)	L	Input Status Register (1x)	0269	R	BV, 20269			Digital input	Actual value DI9 (CU283W-4: UI1)	
VentActual.A_DigitalInput(10)	L	Input Status Register (1x)	0270	R	BV, 20270			Digital input	Actual value DI10 (CU283W-4: UI2)	
VentActual.A_DigitalInput(11)	L	Input Status Register (1x)	0271	R	BV, 20271			Digital input	Actual value DI11 (CU283W-4: UI3)	
VentActual.A_DigitalInput(12)	L	Input Status Register (1x)	0272	R	BV, 20272			Digital input	Actual value DI12 (CU283W-4: UI4)	
VentActual.A_DigitalInputExp1(1)	L	Input Status Register (1x)	0273	R	BV, 20273			Digital input	Actual value exp.unit 1 DI1	
VentActual.A_DigitalInputExp1(2)	L	Input Status Register (1x)	0274	R	BV, 20274			Digital input	Actual value exp.unit 1 DI2	
VentActual.A_DigitalInputExp1(3)	L	Input Status Register (1x)	0275	R	BV, 20275			Digital input	Actual value exp.unit 1 DI3	
VentActual.A_DigitalInputExp1(4)	L	Input Status Register (1x)	0276	R	BV, 20276			Digital input	Actual value exp.unit 1 DI4	
VentActual.A_DigitalInputExp1(5)	L	Input Status Register (1x)	0277	R	BV, 20277			Digital input	Actual value exp.unit 1 DI5	
VentActual.A_DigitalInputExp1(6)	L	Input Status Register (1x)	0278	R	BV, 20278			Digital input	Actual value exp.unit 1 DI6	
VentActual.A_DigitalInputExp1(7)	L	Input Status Register (1x)	0279	R	BV, 20279			Digital input	Actual value exp.unit 1 DI7	
VentActual.A_DigitalInputExp1(8)	L	Input Status Register (1x)	0280	R	BV, 20280			Digital input	Actual value exp.unit 1 DI8	
VentActual.A_DigitalInputExp1(9)	L	Input Status Register (1x)	0281	R	BV, 20281			Universal input	Actual value exp.unit 1 digital UI1	
VentActual.A_DigitalInputExp1(10)	L	Input Status Register (1x)	0282	R	BV, 20282			Universal input	Actual value exp.unit 1 digital UI2	
VentActual.A_DigitalInputExp1(11)	L	Input Status Register (1x)	0283	R	BV, 20283			Universal input	Actual value exp.unit 1 digital UI3	
VentActual.A_DigitalInputExp1(12)	L	Input Status Register (1x)	0284	R	BV, 20284			Universal input	Actual value exp.unit 1 digital UI4	
VentActual.A_DigitalInputExp2(1)	L	Input Status Register (1x)	0285	R	BV, 20285			Digital input	Actual value exp.unit 2 DI1	
VentActual.A_DigitalInputExp2(2)	L	Input Status Register (1x)	0286	R	BV, 20286			Digital input	Actual value exp.unit 2 DI2	
VentActual.A_DigitalInputExp2(3)	L	Input Status Register (1x)	0287	R	BV, 20287			Digital input	Actual value exp.unit 2 DI3	
VentActual.A_DigitalInputExp2(4)	L	Input Status Register (1x)	0288	R	BV, 20288			Digital input	Actual value exp.unit 2 DI4	
VentActual.A_DigitalInputExp2(5)	L	Input Status Register (1x)	0289	R	BV, 20289			Digital input	Actual value exp.unit 2 DI5	
VentActual.A_DigitalInputExp2(6)	L	Input Status Register (1x)	0290	R	BV, 20290			Digital input	Actual value exp.unit 2 DI6	
VentActual.A_DigitalInputExp2(7)	L	Input Status Register (1x)	0291	R	BV, 20291			Digital input	Actual value exp.unit 2 DI7	
VentActual.A_DigitalInputExp2(8)	L	Input Status Register (1x)	0292	R	BV, 20292			Digital input	Actual value exp.unit 2 DI8	
VentActual.A_DigitalInputExp2(9)	L	Input Status Register (1x)	0293	R	BV, 20293			Universal input	Actual value exp.unit 2 digital UI1	
VentActual.A_DigitalInputExp2(10)	L	Input Status Register (1x)	0294	R	BV, 20294			Universal input	Actual value exp.unit 2 digital UI2	
VentActual.A_DigitalInputExp2(11)	L	Input Status Register (1x)	0295	R	BV, 20295			Universal input	Actual value exp.unit 2 digital UI3	
VentActual.A_DigitalInputExp2(12)	L	Input Status Register (1x)	0296	R	BV, 20296			Universal input	Actual value exp.unit 2 digital UI4	
VentActual.A_DigitalInput(13)	L	Input Status Register (1x)	0297	R	BV, 20297			Universal input	Actual value digital UI1	4.4-1-00
VentActual.A_DigitalInput(14)	L	Input Status Register (1x)	0298	R	BV, 20298			Universal input	Actual value digital UI2	4.4-1-00
VentActual.A_DigitalInput(15)	L	Input Status Register (1x)	0299	R	BV, 20299			Universal input	Actual value digital UI3	4.4-1-00
VentActual.A_DigitalInput(16)	L	Input Status Register (1x)	0300	R	BV, 20300			Universal input	Actual value digital UI4	4.4-1-00
VentActual.A_DO_SeqPumpY1(0)	L	Input Status Register (1x)	0321	R	BV, 20321			DO function	SEQ-A pump start	
VentActual.A_DO_SeqPumpY2	L	Input Status Register (1x)	0322	R	BV, 20322			DO function	SEQ-B pump start	

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Signal name	EXOL Type	Modbus type	Modbus address	RW	Bacnet	Scale factor	Unit	Function	Description	Release
VentActual.A_DO_SeqPumpY3	L	Input Status Register (1x)	0323	R	BV, 20323			DO function	SEQ-C pump start	
VentActual.A_DO_SeqPumpY4	L	Input Status Register (1x)	0324	R	BV, 20324			DO function	SEQ-D pump start	
VentActual.A_DO_SeqPumpY5	L	Input Status Register (1x)	0325	R	BV, 20325			DO function	SEQ-E pump start	
VentActual.A_DO_SeqPumpY6	L	Input Status Register (1x)	0326	R	BV, 20326			DO function	SEQ-F pump start	
VentActual.A_DO_SeqPumpY7	L	Input Status Register (1x)	0327	R	BV, 20327			DO function	SEQ-G pump start	
VentActual.A_DO_SeqPumpY8	L	Input Status Register (1x)	0328	R	BV, 20328			DO function	SEQ-H pump start	
VentActual.A_DO_SeqPumpY9	L	Input Status Register (1x)	0329	R	BV, 20329			DO function	SEQ-I pump start	
VentActual.A_DO_SeqPumpY10	L	Input Status Register (1x)	0330	R	BV, 20330			DO function	SEQ-J pump start	
VentActual.A_DO_SAFStart(0)	L	Input Status Register (1x)	0331	R	BV, 20331			DO function	Supply air fan start	
VentActual.A_DO_EAFStart	L	Input Status Register (1x)	0332	R	BV, 20332			DO function	Extract air fan start	
VentActual.A_DigitalOutput(1)	L	Input Status Register (1x)	0333	R	BV, 20333			Digital output	Actual value DO1	
VentActual.A_DigitalOutput(2)	L	Input Status Register (1x)	0334	R	BV, 20334			Digital output	Actual value DO2	
VentActual.A_DigitalOutput(3)	L	Input Status Register (1x)	0335	R	BV, 20335			Digital output	Actual value DO3	
VentActual.A_DigitalOutput(4)	L	Input Status Register (1x)	0336	R	BV, 20336			Digital output	Actual value DO4	
VentActual.A_DigitalOutput(5)	L	Input Status Register (1x)	0337	R	BV, 20337			Digital output	Actual value DO5	
VentActual.A_DigitalOutput(6)	L	Input Status Register (1x)	0338	R	BV, 20338			Digital output	Actual value DO6	
VentActual.A_DigitalOutput(7)	L	Input Status Register (1x)	0339	R	BV, 20339			Digital output	Actual value DO7	
VentActual.A_DigitalOutputExp1(1)	L	Input Status Register (1x)	0340	R	BV, 20340			Digital output	Actual value exp.unit 1 DO1	
VentActual.A_DigitalOutputExp1(2)	L	Input Status Register (1x)	0341	R	BV, 20341			Digital output	Actual value exp.unit 1 DO2	
VentActual.A_DigitalOutputExp1(3)	L	Input Status Register (1x)	0342	R	BV, 20342			Digital output	Actual value exp.unit 1 DO3	
VentActual.A_DigitalOutputExp1(4)	L	Input Status Register (1x)	0343	R	BV, 20343			Digital output	Actual value exp.unit 1 DO4	
VentActual.A_DigitalOutputExp1(5)	L	Input Status Register (1x)	0344	R	BV, 20344			Digital output	Actual value exp.unit 1 DO5	
VentActual.A_DigitalOutputExp1(6)	L	Input Status Register (1x)	0345	R	BV, 20345			Digital output	Actual value exp.unit 1 DO6	
VentActual.A_DigitalOutputExp1(7)	L	Input Status Register (1x)	0346	R	BV, 20346			Digital output	Actual value exp.unit 1 DO7	
VentActual.A_DigitalOutputExp2(1)	L	Input Status Register (1x)	0347	R	BV, 20347			Digital output	Actual value exp.unit 2 DO1	
VentActual.A_DigitalOutputExp2(2)	L	Input Status Register (1x)	0348	R	BV, 20348			Digital output	Actual value exp.unit 2 DO2	
VentActual.A_DigitalOutputExp2(3)	L	Input Status Register (1x)	0349	R	BV, 20349			Digital output	Actual value exp.unit 2 DO3	
VentActual.A_DigitalOutputExp2(4)	L	Input Status Register (1x)	0350	R	BV, 20350			Digital output	Actual value exp.unit 2 DO4	
VentActual.A_DigitalOutputExp2(5)	L	Input Status Register (1x)	0351	R	BV, 20351			Digital output	Actual value exp.unit 2 DO5	
VentActual.A_DigitalOutputExp2(6)	L	Input Status Register (1x)	0352	R	BV, 20352			Digital output	Actual value exp.unit 2 DO6	
VentActual.A_DigitalOutputExp2(7)	L	Input Status Register (1x)	0353	R	BV, 20353			Digital output	Actual value exp.unit 2 DO7	
VentActual.A_DigitalOutput(8)	L	Input Status Register (1x)	0354	R	BV, 20354			Digital output	Actual value DO8	4.4-1-00
VentActual.A_NeedHeatActive	L	Input Status Register (1x)	0368	R	BV, 20368			Support control	Active support heating mode	
VentActual.A_NeedCoolActive	L	Input Status Register (1x)	0369	R	BV, 20369			Support control	Active support cooling mode	
VentActual.A_DemandCO2Active	L	Input Status Register (1x)	0370	R	BV, 20370			CO_2	Active CO_2 mode	
VentActual.A_RecirculationRunActive	L	Input Status Register (1x)	0371	R	BV, 20371			Recirculation	Active recirculation mode	
VentActual.A_DeIcingActive	L	Input Status Register (1x)	0372	R	BV, 20372			Unit information	Active defrosting mode	
VentActual.A_DO_Auxiliary1(0)	L	Input Status Register (1x)	0373	R	BV, 20373			DO function	Actual status of auxiliary output 1	
VentActual.A_DO_Auxiliary2	L	Input Status Register (1x)	0374	R	BV, 20374			DO function	Actual status of auxiliary output 2	
VentActual.A_DO_Auxiliary3	L	Input Status Register (1x)	0375	R	BV, 20375			DO function	Actual status of auxiliary output 3	
VentActual.A_DO_Zone1HeatPump(0)	L	Input Status Register (1x)	0376	R	BV, 20376			DO function	Zone 1 heating pump start	4.3-1-00
VentActual.A_DO_Zone2HeatPump	L	Input Status Register (1x)	0377	R	BV, 20377			DO function	Zone 2 heating pump start	4.3-1-00
VentActual.A_DO_Zone3HeatPump	L	Input Status Register (1x)	0378	R	BV, 20378			DO function	Zone 3 heating pump start	4.3-1-00
VentActual.A_DO_Zone1CoolPump(0)	L	Input Status Register (1x)	0379	R	BV, 20379			DO function	Zone 1 cooling pump start	4.3-1-00
VentActual.A_DO_Zone2CoolPump	L	Input Status Register (1x)	0380	R	BV, 20380			DO function	Zone 2 cooling pump start	4.3-1-00
VentActual.A_DO_Zone3CoolPump	L	Input Status Register (1x)	0381	R	BV, 20381			DO function	Zone 3 cooling pump start	4.3-1-00
VentActual.A_FrostProtFanReductionActive	L	Input Status Register (1x)	0382	R	BV, 20382			Unit information	Freeze protection control is active - Airflow reduced	4.5-1-00

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