en

VARIABLE LIST

CORRIGO 5.0

REGIN
THE CHALLENGER

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1 Corrigo with EXOline, Modbus and BACnet communication

1.1 Introduction

The Corrigo series are pre-programmed controllers for ventilation control. There are two versions of Corrigo with different hardware platforms: The 24 V Corrigo Ardo and the 230 V Corrigo Vido.

The controllers can be used either stand-alone or integrated in a SCADA project. In both cases, they are configured via the configuration tool Application tool on a PC or by using the built in web interface.

This document describes all signals that are accessible via EXOline, Modbus and BACnet.

1.2 Signal types

All signals accessible from a SCADA system are described further in this document. Signals with a default value are settings that can be changed via a SCADA system. Signals without a default value are actual values which cannot be changed using a SCADA system.

1.2.1 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)

1.2.2 Modbus type

The Modbus type of the signals:

1 = Coil Status Register (Modbus function = 1, 5 and 15)
2 = Input Status Register (Modbus function = 2)
3 = Holding Register (Modbus function = 3, 6 and 16)
4 = Input Register (Modbus function = 4)

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

1.3 BACnet communication

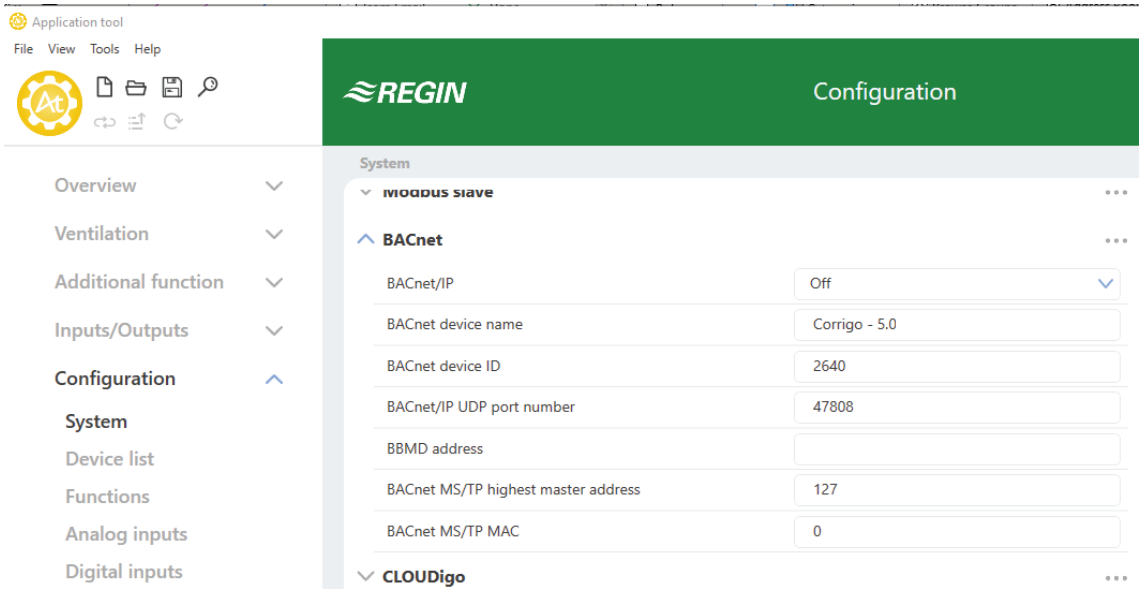


Figure 1-1 BACnet configuration in Application tool

The controller is capable of communication via the BACnet-AAC (Advanced Application Controller) protocol, using either IP or MS/TP data link formats. A B-AAC unit is a device that may be intended for a specific application, but which supports some degree of programmability allows the user to do more – such as generate alarms, define schedules, synchronize clocks, etc.

In order to connect a controller to a BAS (Building Automation System) via BACnet/IP, a controller with a TCP/IP port is required. To connect to a BAS via BACnet MS/TP, a controller with an RS485 communication port is required.

With the default install path entered upon software installation, BACnet objects lists will be located in the following directory:

`C:\Program Files\Regin\SLib\Corrigo\Corrigo5_0\BACnet\`

The lists can also be found in Application tool, in the **Help** menu.

1.3.1 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)

BACnet object names are the same as for EXOL type objects, but are shortened by removing the preamble "Cor_" (e.g.: "VentSettings.Cor_OverHeatFastStop" becomes "VentSettings.OverHeatFastStop", etc.).

1.3.2 BACnet settings

[*Application tool* ▸ *Configuration* ▸ *System* ▸ *BACnet*]

BACnet/IP = Activation status of BACnet/IP protocol.

BACnet device name = The name of the device.

BACnet device ID = The device ID is divided into two parts, one low and one high. For example: If the high part of the ID would be "1", then the device ID above would be "00012640". BACnet device ID low = The lower part of the device identification. BACnet device ID high (x10000) = The higher part of the device identification.

BACnet/IP UDP port number = Port number. This is the dedicated communication port. The port number is divided into two parts, one low and one high. For example: In the picture above (*Figure 1-1*, the port number is "47808".

BBMD address = BACnet Broadcast Management Device address. This is used for internet communication between devices running BACnet.

BACnet MS/TP highest master address = The max master address is the MAC address of the highest master device on the BACnet MS/TP network segment. Setting this number above the highest MAC address will decrease network performance.

BACnet MS/TP MAC = The MAC address of the device. This needs to be unique only to the subnet to which the device is attached.

1.4 Controller address (PLA : ELA)

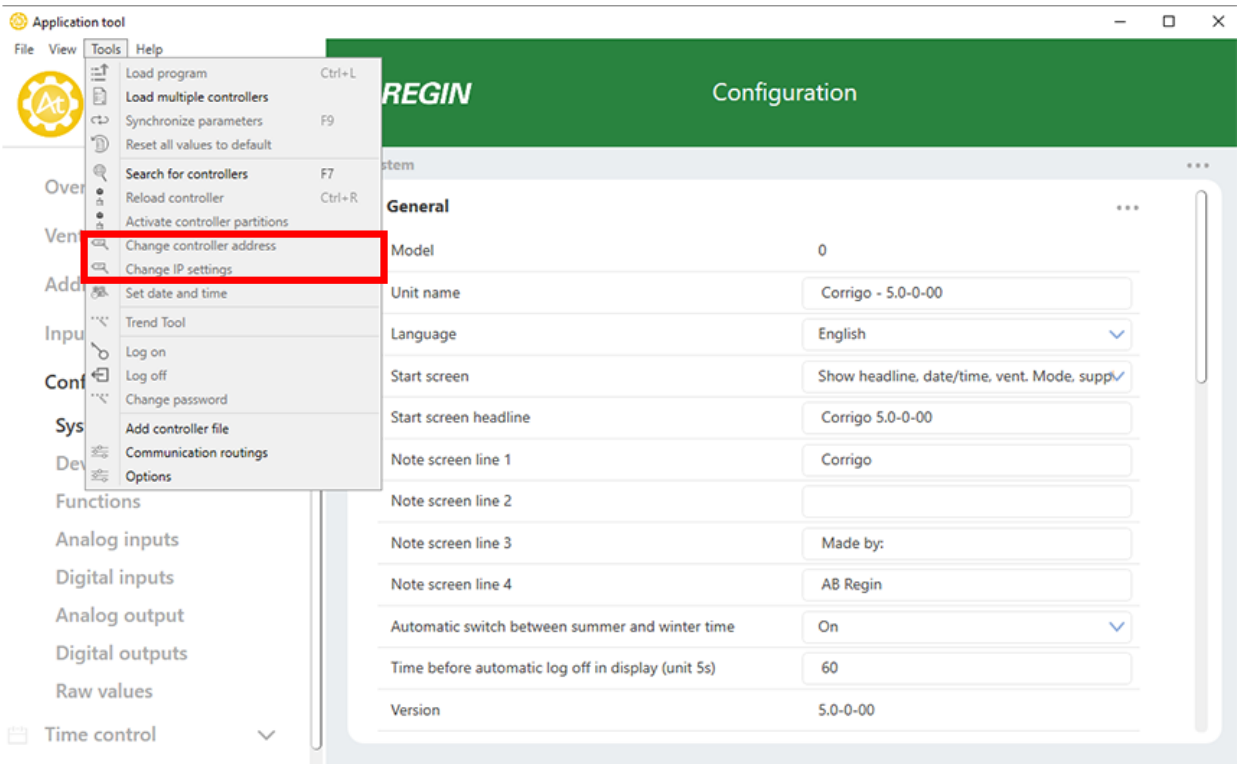


Figure 1-2 Changing the controller address and IP settings

The controller uses PLA:ELA addresses when connecting to Application tool and when multiple controllers are connected in a network. Application tool normally uses the addresses PLA = 254 and ELA = 254, so if an address is changed, the new address must also be entered in Application tool. If several controllers are connected in a network, all the units must have the same PLA address, but each unit must have a unique ELA address.

The address can be changed in the Application tool in the menu Tools ► Change controller address, see *Figure 1-2 Changing the controller address and IP settings* above.

1.5 IP-configuration

IP configuration can be made both in Application tool or in the built-in display.

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 controller can be configured to either obtain an IP address from a DHCP server (dynamic) or the address can be set manually (static).

Three additional functions can be activated on the network interface:

- ✓ BACnet IP communication
- ✓ Connection to the Cloud-server
- ✓ Modbus TCP

If you wish to set a static IP address for the controller, enter the IP address you wish to use along with the subnet mask, gateway address and DNS server address. In Application tool you go to the *Tools* menu and choose *Change IP settings*, see figure *Figure 1-2 Changing the controller address and IP settings* above.

In the display you do as follows below:

```
TCP/IP
```

```
DHCP: Yes
 Set static IP
 Running IP
 -
```

```
IP
 192.168.001.234
Subnet mask
 255.255.255.000
```

```
Running subnet mask
 -
Running gateway
 -
```

```
Running DNS1
 192.168.001.001
Running DNS2
 192.168.001.001
```

1.6 Modbus

1.6.1 Communication limitations

The Modbus master must wait for a minimum of 3.5 character times (4 ms at 9600 bps) between two messages. When the Modbus master communicates with more than one controller on the same communication line (RS485), the Modbus master must wait for a minimum of 14 character times (16 ms at 9600 bps) between the answer and the first question for the next controller.

The controller is limited to 10 fast communications every 30 seconds. Any other communications will have a delayed answer time of approximately 1 second.

1.6.2 Scale factor Modbus

Real signals have scale factor 10, except for the time setting signals and the X-constants for counting air flow (holding register 761, 763, 765, 767, 769, 771) which have scale factor 100, and the CO2 setpoint (holding register 967) and CO2 input (input register 321) which have scale factor 1 for Modbus communication. *Integer*, *Index* and *Logic* always have scale factor 1.

1.6.3 Modbus activation

The controller uses the same port for communication via Modbus and via EXOline. When attempting to communicate with a Modbus-activated unit by using Application tool or other EXOline communication, the input port will automatically adapt itself after approx. 1 second. The port will remain in EXO-mode until no communication has taken place for 10 seconds, after which it will revert to Modbus mode.

1.6.4 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.).

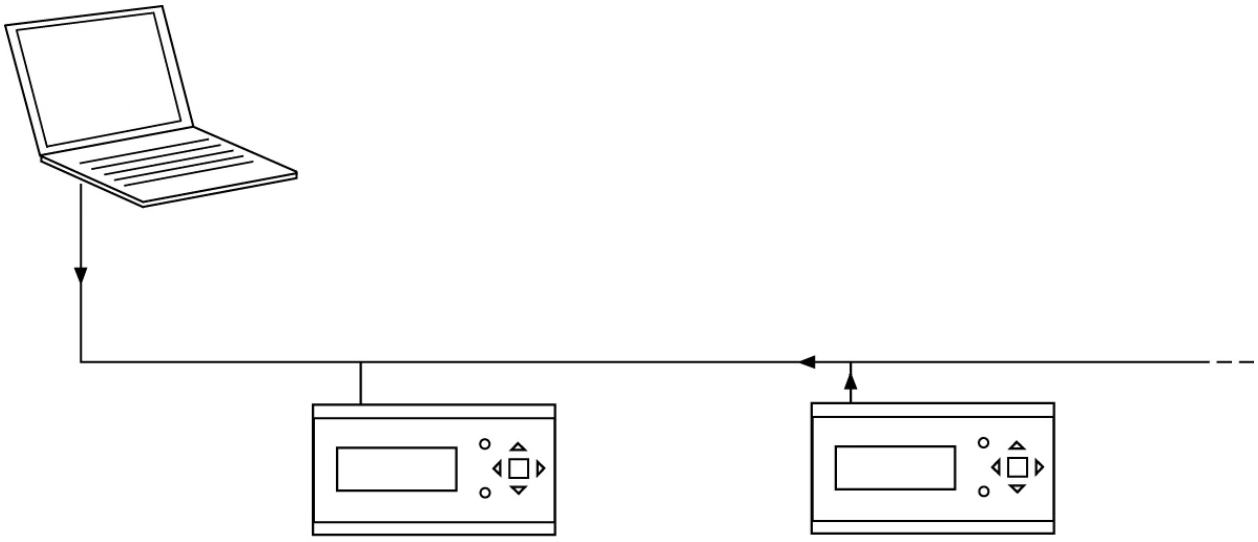
For Modbus, the bottom layer can be RS485, RS422 or RS232.

1.6.5 Max. 47 registers

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

1.6.6 Visualised example

The simplified example below visualises the Master/Slave relation. Checksums for message validation are also transmitted in both query and answer.



2 System integration using Modbus

2.1 Configuration

The communication parameters for the Modbus line are the most important thing to configure first. As described earlier, 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 controller is set to Slave Address 1 as a default. If more units are added, a new Modbus address can be set for each unit using the web server or Application tool.

2.2 Transmission mode

The controller uses the RTU transmission mode; not to be confused with the ASCII mode in the settings. The settings for 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.

2.3 Writing values

To override the Corrigo output values, set the output to manual mode using a Modbus signal. Then set the corresponding signal to the wanted level. These signals are listed in *chapter 5 Holding register*. Remember that only values with a default value are adjustable, you will find these in *chapter 3 Coil status register* and *chapter 5 Holding register*.

2.4 Reading values

An effective way to read values is to read multiple variables simultaneously. To, for example, read all analogue outputs, set the Modbus query to the values as follows. The first analogue output variable starts at address 402(`VentActual.A_AnalogOutput(1)`). To read address 402 to 406, set the length to 5. The Modbus answer will then communicate all 5 values in just one message, making the communication more effective.

3 Coil status register

The EXOL type of the signals:

R = Real (-3.3E38 - 3.3E38)
I = Integer (-32768 - 32767)
X = Index (0 - 255)
L = Logic (0/1)

Signal name	EXOL type	Modbus address	Default value	Function	Description
`VentSettings.S_AlaAcknowAll`	L	0	0	Alarm Acknowledging, Blocking and Unblocking	Command to acknowledge all alarms
`VentSettings.S_FilterAlarmReset`	L	1	0	Settings, General	Resets the filter alarm counter

4 Input register

The EXOL type of the signals:

R = Real (-3.3E38 - 3.3E38)
I = Integer (-32768 - 32767)
X = Index (0 - 255)
L = Logic (0/1)

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_Malfunc-tionSAF1_Status	X	0		Alarm Status	Malfunction SAF 1
AlaData.Ala_Malfunc-tionSAF2_Status	X	1		Alarm Status	Malfunction SAF 2
AlaData.Ala_Malfunc-tionSAF3_Status	X	2		Alarm Status	Malfunction SAF 3
AlaData.Ala_Malfunc-tionSAF4_Status	X	3		Alarm Status	Malfunction SAF 4
AlaData.Ala_Malfunc-tionSAF5_Status	X	4		Alarm Status	Malfunction SAF 5
AlaData.Ala_Malfunctio-nEAF1_Status	X	5		Alarm Status	Malfunction EAF 1
AlaData.Ala_Malfunctio-nEAF2_Status	X	6		Alarm Status	Malfunction EAF 2
AlaData.Ala_Malfunctio-nEAF3_Status	X	7		Alarm Status	Malfunction EAF 3
AlaData.Ala_Malfunctio-nEAF4_Status	X	8		Alarm Status	Malfunction EAF 4
AlaData.Ala_Malfunctio-nEAF5_Status	X	9		Alarm Status	Malfunction EAF 5
AlaData.Ala_AlarmSAF1_ Status	X	10		Alarm Status	Alarm frequency converter SAF 1
AlaData.Ala_AlarmSAF2_ Status	X	11		Alarm Status	Alarm frequency converter SAF 2
AlaData.Ala_AlarmSAF3_ Status	X	12		Alarm Status	Alarm frequency converter SAF 3
AlaData.Ala_AlarmSAF4_ Status	X	13		Alarm Status	Alarm frequency converter SAF 4
AlaData.Ala_AlarmSAF5_ Status	X	14		Alarm Status	Alarm frequency converter SAF 5
AlaData.Ala_AlarmEAF1_ Status	X	15		Alarm Status	Alarm frequency converter EAF 1
AlaData.Ala_AlarmEAF2_ Status	X	16		Alarm Status	Alarm frequency converter EAF 2
AlaData.Ala_AlarmEAF3_ Status	X	17		Alarm Status	Alarm frequency converter EAF 3
AlaData.Ala_AlarmEAF4_ Status	X	18		Alarm Status	Alarm frequency converter EAF 4
AlaData.Ala_AlarmEAF5_ Status	X	19		Alarm Status	Alarm frequency converter EAF 5
AlaData.Ala_WarningSAF1_ Status	X	20		Alarm Status	Warning frequency converter SAF 1
AlaData.Ala_WarningSAF2_ Status	X	21		Alarm Status	Warning frequency converter SAF 2
AlaData.Ala_WarningSAF3_ Status	X	22		Alarm Status	Warning frequency converter SAF 3

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_WarningSAF4_Status	X	23		Alarm Status	Warning frequency converter SAF 4
AlaData.Ala_WarningSAF5_Status	X	24		Alarm Status	Warning frequency converter SAF 5
AlaData.Ala_WarningEAF1_Status	X	25		Alarm Status	Warning frequency converter EAF 1
AlaData.Ala_WarningEAF2_Status	X	26		Alarm Status	Warning frequency converter EAF 2
AlaData.Ala_WarningEAF3_Status	X	27		Alarm Status	Warning frequency converter EAF 3
AlaData.Ala_WarningEAF4_Status	X	28		Alarm Status	Warning frequency converter EAF 4
AlaData.Ala_WarningEAF5_Status	X	29		Alarm Status	Warning frequency converter EAF 5
AlaData.Ala_External-RunSAF_Status	X	30		Alarm Status	External operation SAF
AlaData.Ala_ExternalRu-nEAF_Status	X	31		Alarm Status	External operation EAF
AlaData.Ala_ExternalRun-Motor1_Status	X	32		Alarm Status	Motor control 1 external operation
AlaData.Ala_ExternalRun-Motor2_Status	X	33		Alarm Status	Motor control 2 external operation
AlaData.Ala_MalfunctionPum-pHeater_Status	X	34		Alarm Status	Malfunction pump heater
AlaData.Ala_Malfunction-PumpCooler_Status	X	35		Alarm Status	Malfunction pump cooler
AlaData.Ala_MalfunctionPum-pExchanger_Status	X	36		Alarm Status	Malfunction pump exchanger
AlaData.Ala_MalfunctionFir-eDamper_Status	X	37		Alarm Status	Malfunction fire damper
AlaData.Ala_Malfunc-tionDamper_Status	X	38		Alarm Status	Malfunction damper
AlaData.Ala_Malfunction-Motor1_Status	X	39		Alarm Status	Malfunction motor control 1
AlaData.Ala_Malfunction-Motor2_Status	X	40		Alarm Status	Malfunction motor control 1
AlaData.Ala_FireDamperExer-ciseStop_Status	X	41		Alarm Status	Fire damper exercise stop
AlaData.Ala_Malfunction-PumpSequence1_Status	X	42		Alarm Status	Malfunction pump seq. A
AlaData.Ala_Malfunction-PumpSequence2_Status	X	43		Alarm Status	Malfunction pump seq. B
AlaData.Ala_Malfunction-PumpSequence3_Status	X	44		Alarm Status	Malfunction pump seq. C
AlaData.Ala_Malfunction-PumpSequence4_Status	X	45		Alarm Status	Malfunction pump seq. D
AlaData.Ala_Malfunction-PumpSequence5_Status	X	46		Alarm Status	Malfunction pump seq. E
AlaData.Ala_Malfunction-PumpSequence6_Status	X	47		Alarm Status	Malfunction pump seq. F
AlaData.Ala_Malfunction-PumpSequence7_Status	X	48		Alarm Status	Malfunction pump seq. G
AlaData.Ala_Malfunction-PumpSequence8_Status	X	49		Alarm Status	Malfunction pump seq. H

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_Malfunction-PumpSequence9_Status	X	50		Alarm Status	Malfunction pump seq. I
AlaData.Ala_Malfunction-PumpSequence10_Status	X	51		Alarm Status	Malfunction pump seq. J
AlaData.Ala_FilterGuard1_Status	X	52		Alarm Status	Filter guard 1
AlaData.Ala_FilterGuard2_Status	X	53		Alarm Status	Filter guard 2
AlaData.Ala_FlowGuard_Status	X	54		Alarm Status	Flow guard
AlaData.Ala_ExternalFrost-Guard_Status	X	55		Alarm Status	External frost guard
AlaData.Ala_DeicingGuard_Status	X	56		Alarm Status	Deicing pressure guard
AlaData.Ala_FireAlarm_Status	X	57		Alarm Status	Fire alarm
AlaData.Ala_SmokeAlarm_Status	X	58		Alarm Status	Smoke detector alarm
AlaData.Ala_ExternalSwitch_Status	X	59		Alarm Status	External switch
AlaData.Ala_ExternalAlarm_Status	X	60		Alarm Status	External alarm
AlaData.Ala_ServiceStop_Status	X	61		Alarm Status	Service stop
AlaData.Ala_ElectricOver-heat_Status	X	62		Alarm Status	Electric heating is overheated
AlaData.Ala_FrostRisk_Status	X	63		Alarm Status	Frost risk
AlaData.Ala_LowEfficiency_Status	X	64		Alarm Status	Low efficiency
AlaData.Ala_Analogue-Deicing_Status	X	65		Alarm Status	Analogue deicing
AlaData.Ala_Rotationguar-dExchanger_Status	X	66		Alarm Status	Rotation guard exchanger
AlaData.Ala_ExtraAlarm1_Status	X	67		Alarm Status	Extra alarm 1
AlaData.Ala_ExtraAlarm2_Status	X	68		Alarm Status	Extra alarm 2
AlaData.Ala_ExtraAlarm3_Status	X	69		Alarm Status	Extra alarm 3
AlaData.Ala_ExtraAlarm4_Status	X	70		Alarm Status	Extra alarm 4
AlaData.Ala_ExtraAlarm5_Status	X	71		Alarm Status	Extra alarm 5
AlaData.Ala_ExtraAlarm6_Status	X	72		Alarm Status	Extra alarm 6
AlaData.Ala_ExtraAlarm7_Status	X	73		Alarm Status	Extra alarm 7
AlaData.Ala_ExtraAlarm8_Status	X	74		Alarm Status	Extra alarm 8
AlaData.Ala_ExtraAlarm9_Status	X	75		Alarm Status	Extra alarm 9
AlaData.Ala_ExtraAlarm10_Status	X	76		Alarm Status	Extra alarm 10
AlaData.Ala_BatteryFail_Status	X	77		Alarm Status	Internal battery error
AlaData.Ala_Service_Status	X	78		Alarm Status	Time for service

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_RestartBlocked_Status	X	79		Alarm Status	Restart blocked after power on
AlaData.Ala_ControlErrorSupplyTemp_Status	X	80		Alarm Status	Supply air temp control error
AlaData.Ala_ControlErrorSAF_Status	X	81		Alarm Status	SAF control error
AlaData.Ala_ControlErrorEAF_Status	X	82		Alarm Status	EAF control error
AlaData.Ala_ControlErrorHumidity_Status	X	83		Alarm Status	Humidity control error
AlaData.Ala_ControlErrorExtraController_Status	X	84		Alarm Status	Extra controller control error
AlaData.Ala_HighTempSupply_Status	X	85		Alarm Status	High supply air temp
AlaData.Ala_LowTempSupply_Status	X	86		Alarm Status	Low supply air temp
AlaData.Ala_MaxLimitTempSupply_Status	X	87		Alarm Status	Supply air temp max limit
AlaData.Ala_MinLimitTempSupply_Status	X	88		Alarm Status	Supply air temp min limit
AlaData.Ala_HighTempRoom_Status	X	89		Alarm Status	High room temp
AlaData.Ala_LowTempRoom_Status	X	90		Alarm Status	Low room temp
AlaData.Ala_HighTempExtract_Status	X	91		Alarm Status	High extract air temp
AlaData.Ala_LowTempExtract_Status	X	92		Alarm Status	Low extract air temp
AlaData.Ala_HighTempOutdoor_Status	X	93		Alarm Status	High outdoor air temp
AlaData.Ala_LowTempOutdoor_Status	X	94		Alarm Status	Low outdoor air temp
AlaData.Ala_LowTempFrostGuard1_Status	X	95		Alarm Status	Low frost guard temp 1
AlaData.Ala_LowTempFrostGuard2_Status	X	96		Alarm Status	Low frost guard temp 2
AlaData.Ala_LowTempFrostGuard3_Status	X	97		Alarm Status	Low frost guard temp 3
AlaData.Ala_HighTempExtraSensor1_Status	X	98		Alarm Status	High temp extra sensor 1
AlaData.Ala_LowTempExtraSensor1_Status	X	99		Alarm Status	Low temp extra sensor 1
AlaData.Ala_HighTempExtraSensor2_Status	X	100		Alarm Status	High temp extra sensor 2
AlaData.Ala_LowTempExtraSensor2_Status	X	101		Alarm Status	Low temp extra sensor 2
AlaData.Ala_HighTempExtraSensor3_Status	X	102		Alarm Status	High temp extra sensor 3
AlaData.Ala_LowTempExtraSensor3_Status	X	103		Alarm Status	Low temp extra sensor 3
AlaData.Ala_HighTempExtraSensor4_Status	X	104		Alarm Status	High temp extra sensor 4
AlaData.Ala_LowTempExtraSensor4_Status	X	105		Alarm Status	Low temp extra sensor 4

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_HighTempExtra-Sensor5_Status	X	106		Alarm Status	High temp extra sensor 5
AlaData.Ala_LowTempExtra-Sensor5_Status	X	107		Alarm Status	Low temp extra sensor 5
AlaData.Ala_HighTempSelec-tedSensor1_Status	X	108		Alarm Status	High temp selected sensor 1
AlaData.Ala_LowTempSelec-tedSensor1_Status	X	109		Alarm Status	Low temp selected sensor 1
AlaData.Ala_HighTempSelec-tedSensor2_Status	X	110		Alarm Status	High temp selected sensor 2
AlaData.Ala_LowTempSelec-tedSensor2_Status	X	111		Alarm Status	Low temp selected sensor 2
AlaData.Ala_ManualContro-lUnit_Status	X	112		Alarm Status	Manual control air unit
AlaData.Ala_ManualControl-Supply_Status	X	113		Alarm Status	Manual control supply air
AlaData.Ala_ManualCon-trolSAF_Status	X	114		Alarm Status	Manual control SAF
AlaData.Ala_ManualContro-lEAF_Status	X	115		Alarm Status	Manual control EAF
AlaData.Ala_ManualControl-Heater_Status	X	116		Alarm Status	Manual control heater
AlaData.Ala_ManualContro-lExchanger_Status	X	117		Alarm Status	Manual control exchanger
AlaData.Ala_ManualControl-Cooler_Status	X	118		Alarm Status	Manual control cooler
AlaData.Ala_ManualCon-trolDamper_Status	X	119		Alarm Status	Manual control damper
AlaData.Ala_ManualControl-PumpHeater_Status	X	120		Alarm Status	Manual control heater pump
AlaData.Ala_ManualControl-PumpExchanger_Status	X	121		Alarm Status	Manual control exchanger pump
AlaData.Ala_ManualControl-PumpCooler_Status	X	122		Alarm Status	Manual control cooler pump
AlaData.Ala_ManualControl-DamperRecirculation_Status	X	123		Alarm Status	Manual control recirculation air damper
AlaData.Ala_ManualControl-DamperOutdoor_Status	X	124		Alarm Status	Manual control fresh air damper
AlaData.Ala_ManualControl-DamperExhaust_Status	X	125		Alarm Status	Manual control exhaust air damper
AlaData.Ala_ManualControl-DamperFire_Status	X	126		Alarm Status	Manual control fire damper
AlaData.Ala_ManualControl-Sequence1_Status	X	127		Alarm Status	Manual control seq. A
AlaData.Ala_ManualControl-Sequence2_Status	X	128		Alarm Status	Manual control seq. B
AlaData.Ala_ManualControl-Sequence3_Status	X	129		Alarm Status	Manual control seq. C
AlaData.Ala_ManualControl-Sequence4_Status	X	130		Alarm Status	Manual control seq. D
AlaData.Ala_ManualControl-Sequence5_Status	X	131		Alarm Status	Manual control seq. E
AlaData.Ala_ManualControl-Sequence6_Status	X	132		Alarm Status	Manual control seq. F

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_ManualControl-Sequence7_Status	X	133		Alarm Status	Manual control seq. G
AlaData.Ala_ManualControl-Sequence8_Status	X	134		Alarm Status	Manual control seq. H
AlaData.Ala_ManualControl-Sequence9_Status	X	135		Alarm Status	Manual control seq. I
AlaData.Ala_ManualControl-Sequence10_Status	X	136		Alarm Status	Manual control seq. J
AlaData.Ala_ManualContro-lOutput_Status	X	137		Alarm Status	Output in manual control
AlaData.Ala_ManualContro-lInput_Status	X	138		Alarm Status	Input in manual control
AlaData.Ala_ManualContro-lExtraController_Status	X	139		Alarm Status	Manual control extra controller
AlaData.Ala_ManualControl-Motor1_Status	X	140		Alarm Status	Manual control motor control 1
AlaData.Ala_ManualControl-Motor2_Status	X	141		Alarm Status	Manual control motor control 2
AlaData.Ala_ManualControl-Pretreatment_Status	X	142		Alarm Status	Manual control pretreatment
AlaData.Ala_SensorErrorTem-pOutdoor_Status	X	143		Alarm Status	Sensor error outdoor air temp
AlaData.Ala_SensorErrorTem-pIntake_Status	X	144		Alarm Status	Sensor error intake air temp
AlaData.Ala_SensorError-TempSupply_Status	X	145		Alarm Status	Sensor error supply air temp
AlaData.Ala_SensorErrorTem-pExhaust_Status	X	146		Alarm Status	Sensor error exhaust air temp
AlaData.Ala_SensorErrorTem-pExtract_Status	X	147		Alarm Status	Sensor error extract air temp
AlaData.Ala_SensorError-TempRoom1_Status	X	148		Alarm Status	Sensor error room temp 1
AlaData.Ala_SensorError-TempRoom2_Status	X	149		Alarm Status	Sensor error room temp 2
AlaData.Ala_SensorError-TempRoom3_Status	X	150		Alarm Status	Sensor error room temp 3
AlaData.Ala_SensorError-TempRoom4_Status	X	151		Alarm Status	Sensor error room temp 4
AlaData.Ala_SensorError-TempRoom5_Status	X	152		Alarm Status	Sensor error room temp 5
AlaData.Ala_SensorError-TempRoom6_Status	X	153		Alarm Status	Sensor error room temp 6
AlaData.Ala_SensorError-TempRoom7_Status	X	154		Alarm Status	Sensor error room temp 7
AlaData.Ala_SensorError-TempRoom8_Status	X	155		Alarm Status	Sensor error room temp 8
AlaData.Ala_SensorError-TempRoom9_Status	X	156		Alarm Status	Sensor error room temp 9
AlaData.Ala_SensorError-TempRoom10_Status	X	157		Alarm Status	Sensor error room temp 10
AlaData.Ala_SensorError-TempRoom11_Status	X	158		Alarm Status	Sensor error room temp 11
AlaData.Ala_SensorError-TempRoom12_Status	X	159		Alarm Status	Sensor error room temp 12

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_SensorError-TempRoom13_Status	X	160		Alarm Status	Sensor error room temp 13
AlaData.Ala_SensorError-TempRoom14_Status	X	161		Alarm Status	Sensor error room temp 14
AlaData.Ala_SensorError-TempRoom15_Status	X	162		Alarm Status	Sensor error room temp 15
AlaData.Ala_SensorError-TempRoom16_Status	X	163		Alarm Status	Sensor error room temp 16
AlaData.Ala_SensorError-PressureSAF_Status	X	164		Alarm Status	Sensor error SAF pressure
AlaData.Ala_SensorError-PressureEAF_Status	X	165		Alarm Status	Sensor error EAF pressure
AlaData.Ala_SensorError-FlowSAF_Status	X	166		Alarm Status	Sensor error SAF flow
AlaData.Ala_SensorErrorFlowEAF_Status	X	167		Alarm Status	Sensor error EAF flow
AlaData.Ala_SensorPressureExchangerSAF_Status	X	168		Alarm Status	Sensor error exchanger pressure SAF
AlaData.Ala_SensorPressureExchangerEAF_Status	X	169		Alarm Status	Sensor error exchanger pressure EAF
AlaData.Ala_SensorError-TempDeicing_Status	X	170		Alarm Status	Sensor error deicing temp
AlaData.Ala_SensorError-TempFrost1_Status	X	171		Alarm Status	Sensor error frost protection 1
AlaData.Ala_SensorError-TempFrost2_Status	X	172		Alarm Status	Sensor error frost protection 2
AlaData.Ala_SensorError-TempFrost3_Status	X	173		Alarm Status	Sensor error frost protection 3
AlaData.Ala_SensorErrorCO2_Status	X	174		Alarm Status	Sensor error CO2
AlaData.Ala_SensorErrorHumidityRoom_Status	X	175		Alarm Status	Sensor error humidity room
AlaData.Ala_SensorErrorHumidityDuct_Status	X	176		Alarm Status	Sensor error humidity duct
AlaData.Ala_SensorErrorTempExtraController_Status	X	177		Alarm Status	Sensor error extra controller
AlaData.Ala_SensorError-ExtCtrlSAF_Status	X	178		Alarm Status	Sensor error external control SAF
AlaData.Ala_SensorError-ExtCtrlEAF_Status	X	179		Alarm Status	Sensor error external control EAF
AlaData.Ala_SensorErrorHumidityOutdoor_Status	X	180		Alarm Status	Sensor error outdoor humidity
AlaData.Ala_SensorErrorTempExtraSensor1_Status	X	181		Alarm Status	Sensor error extra sensor 1
AlaData.Ala_SensorErrorTempExtraSensor2_Status	X	182		Alarm Status	Sensor error extra sensor 2
AlaData.Ala_SensorErrorTempExtraSensor3_Status	X	183		Alarm Status	Sensor error extra sensor 3
AlaData.Ala_SensorErrorTempExtraSensor4_Status	X	184		Alarm Status	Sensor error extra sensor 4
AlaData.Ala_SensorErrorTempExtraSensor5_Status	X	185		Alarm Status	Sensor error extra sensor 5
AlaData.Ala_SensorErrorExtSupplySetp_Status	X	186		Alarm Status	Sensor error external supply setpoint

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_SensorErrorExt-FlowSetpoint_Status	X	187		Alarm Status	Sensor error external flow setpoint
AlaData.Ala_SensorErrorFil-terGuard1_Status	X	188		Alarm Status	Sensor error filter guard 1
AlaData.Ala_SensorErrorFil-terGuard2_Status	X	189		Alarm Status	Sensor error filter guard 2
AlaData.Ala_SensorErrorTem-pEfficiency_Status	X	190		Alarm Status	Sensor error efficiency temp
AlaData.Ala_CommErrorDe-vice_Status	X	191		Alarm Status	Fault communication device
AlaData.Ala_MalfunctionEx-traController_Status	X	192		Alarm Status	Malfunction Extra Controller
AlaData.Ala_InternalError_ Status	X	193		Alarm Status	Internal error
VentActual.A_AnalogInput(1)	R	250		Analogue inputs	The scaled and filtered value of AI1
VentActual.A_AnalogInput(2)	R	251		Analogue inputs	The scaled and filtered value of AI2
VentActual.A_AnalogInput(3)	R	252		Analogue inputs	The scaled and filtered value of AI3
VentActual.A_AnalogInput(4)	R	253		Analogue inputs	The scaled and filtered value of AI4
VentActual.A_AnalogInput(5)	R	254		Universal inputs	The scaled and filtered value of UAI1
VentActual.A_AnalogInput(6)	R	255		Universal inputs	The scaled and filtered value of UAI2
VentActual.A_AnalogInput(7)	R	256		Universal inputs	The scaled and filtered value of UAI3
VentActual.A_AnalogInput(8)	R	257		Universal inputs	The scaled and filtered value of UAI4
VentActual.A_AnalogInpu-tExp1(1)	R	258		Analogue inputs	The scaled and filtered value of AI1 Exp.Unit 1
VentActual.A_AnalogInpu-tExp1(2)	R	259		Analogue inputs	The scaled and filtered value of AI2 Exp.Unit 1
VentActual.A_AnalogInpu-tExp1(3)	R	260		Analogue inputs	The scaled and filtered value of AI3 Exp.Unit 1
VentActual.A_AnalogInpu-tExp1(4)	R	261		Analogue inputs	The scaled and filtered value of AI4 Exp.Unit 1
VentActual.A_AnalogInpu-tExp1(5)	R	262		Universal inputs	The scaled and filtered value of UAI1 Exp.Unit 1
VentActual.A_AnalogInpu-tExp1(6)	R	263		Universal inputs	The scaled and filtered value of UAI2 Exp.Unit 1
VentActual.A_AnalogInpu-tExp1(7)	R	264		Universal inputs	The scaled and filtered value of UAI3 Exp.Unit 1
VentActual.A_AnalogInpu-tExp1(8)	R	265		Universal inputs	The scaled and filtered value of UAI3 Exp.Unit 1
VentActual.A_AnalogInpu-tExp2(1)	R	266		Analogue inputs	The scaled and filtered value of AI1 Exp.Unit 2
VentActual.A_AnalogInpu-tExp2(2)	R	267		Analogue inputs	The scaled and filtered value of AI2 Exp.Unit 2
VentActual.A_AnalogInpu-tExp2(3)	R	268		Analogue inputs	The scaled and filtered value of AI3 Exp.Unit 2
VentActual.A_AnalogInpu-tExp2(4)	R	269		Analogue inputs	The scaled and filtered value of AI4 Exp.Unit 2

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_AnalogInpu-tExp2(5)	R	270		Universal inputs	The scaled and filtered value of UAI1 Exp.Unit 2
VentActual.A_AnalogInpu-tExp2(6)	R	271		Universal inputs	The scaled and filtered value of UAI2 Exp.Unit 2
VentActual.A_AnalogInpu-tExp2(7)	R	272		Universal inputs	The scaled and filtered value of UAI3 Exp.Unit 2
VentActual.A_AnalogInpu-tExp2(8)	R	273		Universal inputs	The scaled and filtered value of UAI3 Exp.Unit 2
VentActual.A_AI_ OutDoorTemp	R	290		Actual/Setpoint	Outdoor temperature
VentActual.A_AI_ IntakeAirTemp	R	291		Actual/Setpoint	Intake air temperature
VentActual.A_AI_ SupplyAirTemp	R	292		Supply,Extract and Room temperatures	Supply air temperature
VentActual.A_AI_ ExhaustAirTemp	R	293		Extract air temp/De-icing exchanger	Exhaust air temp
VentActual.A_AI_ ExtractAirTemp	R	294		Supply,Extract and Room temperatures	Extract air temp
VentActual.A_AI_RoomTemp1 (0)	R	295		Supply,Extract and Room temperatures	Room temperature 1
VentActual.A_AI_RoomTemp2	R	296		Supply,Extract and Room temperatures	Room temperature 2
VentActual.A_AI_RoomTemp3	R	297		Supply,Extract and Room temperatures	Room temperature 3
VentActual.A_AI_RoomTemp4	R	298		Supply,Extract and Room temperatures	Room temperature 4
VentActual.A_AI_RoomTemp5	R	299		Supply,Extract and Room temperatures	Room temperature 5
VentActual.A_AI_RoomTemp6	R	300		Supply,Extract and Room temperatures	Room temperature 6
VentActual.A_AI_RoomTemp7	R	301		Supply,Extract and Room temperatures	Room temperature 7
VentActual.A_AI_RoomTemp8	R	302		Supply,Extract and Room temperatures	Room temperature 8
VentActual.A_AI_RoomTemp9	R	303		Supply,Extract and Room temperatures	Room temperature 9
VentActual.A_AI_ RoomTemp10	R	304		Supply,Extract and Room temperatures	Room temperature 10
VentActual.A_AI_ RoomTemp11	R	305		Supply,Extract and Room temperatures	Room temperature 11
VentActual.A_AI_ RoomTemp12	R	306		Supply,Extract and Room temperatures	Room temperature 12
VentActual.A_AI_ RoomTemp13	R	307		Supply,Extract and Room temperatures	Room temperature 13
VentActual.A_AI_ RoomTemp14	R	308		Supply,Extract and Room temperatures	Room temperature 14
VentActual.A_AI_ RoomTemp15	R	309		Supply,Extract and Room temperatures	Room temperature 15
VentActual.A_AI_ RoomTemp16	R	310		Supply,Extract and Room temperatures	Room temperature 16
VentActual.A_AI_ SAFPressure	R	311		SAF/EAF Pressure and Flow	Supply air fan pressure
VentActual.A_AI_ EAFPressure	R	312		SAF/EAF Pressure and Flow	Extract air fan pressure

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_AI_SAFFlow	R	313		SAF/EAF Pressure and Flow	Supply air fan flow. Scale factor = 0.1
VentActual.A_AI_EAFFlow	R	314		SAF/EAF Pressure and Flow	Extract air fan flow Scale factor = 0.1
VentActual.A_ ExchPressureSAF	R	315		Actual/Setpoint	Exchanger SAF pressure sensor
VentActual.A_AI_ ExchPressureEAF	R	316		Actual/Setpoint	Exchanger EAF pressure sensor
VentActual.A_AI_ DeIcingTemp	R	317		Extract air temp/De-icing exchanger	De-icing temp exchanger
VentActual.A_AI_Frostprot-Temp1(0)	R	318		Frost protection	Frost protection temp 1
VentActual.A_AI_ FrostprotTemp2	R	319		Frost protection	Frost protection temp 2
VentActual.A_AI_ FrostprotTemp3	R	320		Frost protection	Frost protection temp 3
VentActual.A_AI_CO2	R	321		CO2	CO2 (ppm)
VentActual.A_AI_ HumidityRoom	R	322		Humidity	Humidity room
VentActual.A_AI_ HumidityDuct	R	323		Humidity	Humidity duct
VentActual.A_AI_ HumidityOutDoor	R	324		Humidity	Humidity outdoor
VentActual.A_AI_ ExtraControllerTemp	R	325		Extra controller	Extra controller temp
VentActual.A_AI_ ExtSAFControl	R	326		SAF/EAF Pressure and Flow	External SAF signal control
VentActual.A_AI_ ExtEAFControl	R	327		SAF/EAF Pressure and Flow	External EAF signal control
VentActual.A_AI_Extra-Sensor1(0)	R	328		Additional sensor/External setpoint	Extra sensor 1. Scale factor = 0.1
VentActual.A_AI_ ExtraSensor2	R	329		Actual/Setpoint	Extra sensor 2. Scale factor = 0.1
VentActual.A_AI_ ExtraSensor3	R	330		Actual/Setpoint	Extra sensor 3. Scale factor = 0.1
VentActual.A_AI_ ExtraSensor4	R	331		Actual/Setpoint	Extra sensor 4. Scale factor = 0.1
VentActual.A_AI_ ExtraSensor5	R	332		Actual/Setpoint	Extra sensor 5. Scale factor = 0.1
VentActual.A_AI_ ExternalSupplySetP	R	333		Actual/Setpoint	External Setpoint
VentActual.A_AI_ ExternalFlowSetP	R	334		SAF/EAF Pressure and Flow	External Setpoint SAF airflow
VentActual.A_AI_FilterGuard1 (0)	R	335		Actual/Setpoint	Analogue filter 1 value
VentActual.A_AI_FilterGuard2	R	336		Actual/Setpoint	Analogue filter 2 value
VentActual.A_AI_ EfficiencyTemp	R	337		Actual/Setpoint	Temperature efficiency sensor
VentActual.A_RoomTemp	R	358		Supply,Extract and Room temperatures	Room temperature 1-16
VentActual.A_SAFAirFlow	R	359		Actual/Setpoint	Counted air flow m3/h supply air
VentActual.A_EAFAirFlow	R	360		Actual/Setpoint	Counted air flow m3/h extract air

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_AI_ ExchAirFlowSAF	R	361		Actual/Setpoint	Counted air flow m3/h over Exchanger, SAF Scale factor = 0.1
VentActual.A_ ExchAirFlowEAF	R	362		Actual/Setpoint	Counted air flow m3/h over Exchanger, EAF Scale factor = 0.1
VentActual.A_AO_ SequenceY1	R	363		Analogue outputs	Sequence A output (%)
VentActual.A_AO_ SequenceY2	R	364		Analogue outputs	Sequence B output (%)
VentActual.A_AO_ SequenceY3	R	365		Analogue outputs	Sequence C output (%)
VentActual.A_AO_ SequenceY4	R	366		Analogue outputs	Sequence D output (%)
VentActual.A_AO_ SequenceY5	R	367		Analogue outputs	Sequence E output (%)
VentActual.A_AO_ SequenceY6	R	368		Analogue outputs	Sequence F output (%)
VentActual.A_AO_ SequenceY7	R	369		Analogue outputs	Sequence G output (%)
VentActual.A_AO_ SequenceY8	R	370		Analogue outputs	Sequence H output (%)
VentActual.A_AO_ SequenceY9	R	371		Analogue outputs	Sequence I output (%)
VentActual.A_AO_ SequenceY10	R	372		Analogue outputs	Sequence J output (%)
VentActual.A_AO_ ChangeOver1	R	373		Analogue outputs	Control signal Heating or Cooling controlled by changeover
VentActual.A_AO_ ChangeOver2	R	374		Analogue outputs	Control signal Heating or Cooling controlled by changeover
VentActual.A_AO_SAF(0)	R	375		Analogue outputs	Supply air fan control
VentActual.A_AO_EAF	R	376		Analogue outputs	Extract air fan control
VentActual.A_AO_Humidity	R	377		Analogue outputs	Control valve Humidity
VentActual.A_AO_ StepController1	R	378		Analogue outputs	Step Controller 1
VentActual.A_AO_ StepController2	R	379		Analogue outputs	Step Controller 2
VentActual.A_AO_ ExtraController	R	380		Analogue outputs	Extra controller
VentActual.A_AO_ AISignalOutput	R	381		Analogue outputs	AI Signal output
VentActual.A_AnalogOutput (1)	R	402		Analogue outputs	The value on analog output 1
VentActual.A_AnalogOutput (2)	R	403		Analogue outputs	The value on analog output 2
VentActual.A_AnalogOutput (3)	R	404		Analogue outputs	The value on analog output 3
VentActual.A_AnalogOutput (4)	R	405		Analogue outputs	The value on analog output 4
VentActual.A_AnalogOutput (5)	R	406		Analogue outputs	The value on analog output 5

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_AnalogOutpu-tExp1(1)	R	407		Analogue outputs	Value of AO1 Exp. Unit 1
VentActual.A_AnalogOutpu-tExp1(2)	R	408		Analogue outputs	Value of AO2 Exp. Unit 1
VentActual.A_AnalogOutpu-tExp1(3)	R	409		Analogue outputs	Value of AO3 Exp. Unit 1
VentActual.A_AnalogOutpu-tExp1(4)	R	410		Analogue outputs	Value of AO4 Exp. Unit 1
VentActual.A_AnalogOutpu-tExp1(5)	R	411		Analogue outputs	Value of AO5 Exp. Unit 1
VentActual.A_AnalogOutpu-tExp2(1)	R	412		Analogue outputs	Value of AO1 Exp. Unit 2
VentActual.A_AnalogOutpu-tExp2(2)	R	413		Analogue outputs	Value of AO2 Exp. Unit 2
VentActual.A_AnalogOutpu-tExp2(3)	R	414		Analogue outputs	Value of AO3 Exp. Unit 2
VentActual.A_AnalogOutpu-tExp2(4)	R	415		Analogue outputs	Value of AO4 Exp. Unit 2
VentActual.A_AnalogOutpu-tExp2(5)	R	416		Analogue outputs	Value of AO5 Exp. Unit 2
VentActual.A_Efficiency	R	427		Actual/Setpoint	Efficiency in % for exchanger
VentActual.A_UnitMode	X	428		Actual/Setpoint	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=CO2 Run 8=Free cool run 9=Fan stop run 10=Fire run 11=Smoke run 12=Recirculation run 13=DeIcing run
VentActual.A_ UnitModeControl	X	429		Actual/Setpoint	Indicates what is triggering the current run mode 1=Time schedule 2=Manual run 3=Digital Input 4=Alarm 5=External control 6=Service stop
VentActual.A_ActiveSeqType	X	430		Actual/Setpoint	Active seq. type (0 = heating, 1= cooling)
VentActual.A_ ActiveHeatSeqStep	X	431		Actual/Setpoint	Current heat sequence step that's active
VentActual.A_ ActiveCoolSeqStep	X	432		Actual/Setpoint	Current cool sequence step that's active
VentActual.A_ActiveYSeq	X	433		Actual/Setpoint	Current Y sequence that's active and controlling
VentActual.A_SAFRunTime	R	434		Actual/Setpoint	Running time (hour) supply air fan
VentActual.A_EAFRunTime	R	435		Actual/Setpoint	Running time (hour) extract air fan

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_DeIcingTime	X	436		Extract air temp/De-icing exchanger	Number of minutes for ongoing de-icing
VentActual.A_NeedRunTime	I	437		Supply,Extract and Room temperatures	Number of minutes in ongoing support heating/cooling
VentActual.A_CO2RunTime	I	438		CO2	Number of minutes support run time CO2
VentActual.A_Y1Sequence	R	439		Analogue outputs	Control signal Y1
VentActual.A_Y2Sequence	R	440		Analogue outputs	Control signal Y2
VentActual.A_Y3Sequence	R	441		Analogue outputs	Control signal Y3
VentActual.A_Y4Sequence	R	442		Analogue outputs	Control signal Y4
VentActual.A_Y5Sequence	R	443		Analogue outputs	Control signal Y5
VentActual.A_Y6Sequence	R	444		Analogue outputs	Control signal Y6
VentActual.A_Y7Sequence	R	445		Analogue outputs	Control signal Y7
VentActual.A_Y8Sequence	R	446		Analogue outputs	Control signal Y8
VentActual.A_Y9Sequence	R	447		Analogue outputs	Control signal Y9
VentActual.A_Y10Sequence	R	448		Analogue outputs	Control signal Y10
VentActual.A_SAF	R	449		SAF/EAF Pressure and Flow	Control signal supply air fan
VentActual.A_EAF	R	450		SAF/EAF Pressure and Flow	Control signal extract air fan
VentActual.A_SAFSpeed	X	451		SAF/EAF Pressure and Flow	SAF speed in auto and manual mode 0= Off 1= Low speed 2= normal speed 3= high speed 4= Special
VentActual.A_EAFSpeed	X	452		SAF/EAF Pressure and Flow	EAF speed in auto and manual mode
VentActual.A_CompLow-SpeedSAF(0)	R	453		SAF/EAF Pressure and Flow	Total compensation low speed SAF
VentActual.A_ CompNormalSpeedSAF	R	454		SAF/EAF Pressure and Flow	Total compensation normal speed SAF
VentActual.A_ CompHighSpeedSAF	R	455		SAF/EAF Pressure and Flow	Total compensation high speed SAF
VentActual.A_CompLowSpee-dEAF(0)	R	456		SAF/EAF Pressure and Flow	Total compensation low speed EAF
VentActual.A_ CompNormalSpeedEAF	R	457		SAF/EAF Pressure and Flow	Total compensation normal speed EAF
VentActual.A_ CompHighSpeedEAF	R	458		SAF/EAF Pressure and Flow	Total compensation high speed EAF
VentActual.A_AlarmACount(0)	X	459		Alarm	Number of A alarms
VentActual.A_AlarmBCount	X	460		Alarm	Number of B alarms
VentActual.A_AlarmCCount	X	461		Alarm	Number of C alarms
VentActual.A_SumAlarm1-Count(0)	X	462		Alarm	Number of SumAlarm1 alarms
VentActual.A_ SumAlarm2Count	X	463		Alarm	Number of SumAlarm2 alarms
VentActual.A_SupplyPID_ SetP	R	464		Supply,Extract and Room temperatures	Calculated setpoint supply air temperature when outdoor compensated control function
VentActual.A_SAFPID_SetP	R	465		SAF/EAF Pressure and Flow	Actual setpoint SAF
VentActual.A_EAFPID_SetP	R	466		SAF/EAF Pressure and Flow	Actual setpoint EAF

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_FrostPID1_ Output(0)	R	467		Frost protection	Frost protection controller output
VentActual.A_FrostPID2_ Output	R	468		Frost protection	Frost protection controller output
VentActual.A_FrostPID3_ Output	R	469		Frost protection	Frost protection controller output
VentActual.A_CO2PID_ Output	R	470		CO2	CO2 controller output
VentActual.A_DeIcePID_ Output	R	471		Extract air temp/De-icing exchanger	De-icing controller output
VentActual.A_HumidityPID_ Output	R	472		Humidity	Humidity controller output
VentActual.A_SFP	R	473		SFP (Specific Fan Power)	Actual SFP
VentActual.A_SFPDay	R	474		SFP (Specific Fan Power)	Day average SFP
VentActual.A_SFPMonth	R	475		SFP (Specific Fan Power)	Month average (30 day average) SFP
VentComActual.CA_Motor-SpeedHzSAF(1)	R	476		SAF/EAF Frequency converter	SAF Motor speed Hz
VentComActual.CA_Motor-SpeedHzSAF(2)	R	477		SAF/EAF Frequency converter	SAF Motor speed Hz
VentComActual.CA_Motor-SpeedHzSAF(3)	R	478		SAF/EAF Frequency converter	SAF Motor speed Hz
VentComActual.CA_Motor-SpeedHzSAF(4)	R	479		SAF/EAF Frequency converter	SAF Motor speed Hz
VentComActual.CA_Motor-SpeedHzSAF(5)	R	480		SAF/EAF Frequency converter	SAF Motor speed Hz
VentComActual.CA_Motor-SpeedHzEAF(1)	R	481		SAF/EAF Frequency converter	EAF Motor speed Hz
VentComActual.CA_Motor-SpeedHzEAF(2)	R	482		SAF/EAF Frequency converter	EAF Motor speed Hz
VentComActual.CA_Motor-SpeedHzEAF(3)	R	483		SAF/EAF Frequency converter	EAF Motor speed Hz
VentComActual.CA_Motor-SpeedHzEAF(4)	R	484		SAF/EAF Frequency converter	EAF Motor speed Hz
VentComActual.CA_Motor-SpeedHzEAF(5)	R	485		SAF/EAF Frequency converter	EAF Motor speed Hz
VentComActual.CA_Motor-SpeedRpmSAF(1)	R	486		SAF/EAF Frequency converter	SAF Motor speed RPM
VentComActual.CA_Motor-SpeedRpmSAF(2)	R	487		SAF/EAF Frequency converter	SAF Motor speed RPM
VentComActual.CA_Motor-SpeedRpmSAF(3)	R	488		SAF/EAF Frequency converter	SAF Motor speed RPM
VentComActual.CA_Motor-SpeedRpmSAF(4)	R	489		SAF/EAF Frequency converter	SAF Motor speed RPM
VentComActual.CA_Motor-SpeedRpmSAF(5)	R	490		SAF/EAF Frequency converter	SAF Motor speed RPM
VentComActual.CA_Motor-SpeedRpmEAF(1)	R	491		SAF/EAF Frequency converter	EAF Motor speed RPM
VentComActual.CA_Motor-SpeedRpmEAF(2)	R	492		SAF/EAF Frequency converter	EAF Motor speed RPM
VentComActual.CA_Motor-SpeedRpmEAF(3)	R	493		SAF/EAF Frequency converter	EAF Motor speed RPM
VentComActual.CA_Motor-SpeedRpmEAF(4)	R	494		SAF/EAF Frequency converter	EAF Motor speed RPM

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentComActual.CA_Motor-SpeedRpmEAF(5)	R	495		SAF/EAF Frequency converter	EAF Motor speed RPM
VentComActual.CA_Motor-CurrentSAF(1)	R	496		SAF/EAF Frequency converter	SAF Motor current
VentComActual.CA_Motor-CurrentSAF(2)	R	497		SAF/EAF Frequency converter	SAF Motor current
VentComActual.CA_Motor-CurrentSAF(3)	R	498		SAF/EAF Frequency converter	SAF Motor current
VentComActual.CA_Motor-CurrentSAF(4)	R	499		SAF/EAF Frequency converter	SAF Motor current
VentComActual.CA_Motor-CurrentSAF(5)	R	500		SAF/EAF Frequency converter	SAF Motor current
VentComActual.CA_Motor-CurrentEAF(1)	R	501		SAF/EAF Frequency converter	EAF Motor current
VentComActual.CA_Motor-CurrentEAF(2)	R	502		SAF/EAF Frequency converter	EAF Motor current
VentComActual.CA_Motor-CurrentEAF(3)	R	503		SAF/EAF Frequency converter	EAF Motor current
VentComActual.CA_Motor-CurrentEAF(4)	R	504		SAF/EAF Frequency converter	EAF Motor current
VentComActual.CA_Motor-CurrentEAF(5)	R	505		SAF/EAF Frequency converter	EAF Motor current
VentComActual.CA_MotorPo-werSAF(1)	R	506		SAF/EAF Frequency converter	SAF Motor power
VentComActual.CA_MotorPo-werSAF(2)	R	507		SAF/EAF Frequency converter	SAF Motor power
VentComActual.CA_MotorPo-werSAF(3)	R	508		SAF/EAF Frequency converter	SAF Motor power
VentComActual.CA_MotorPo-werSAF(4)	R	509		SAF/EAF Frequency converter	SAF Motor power
VentComActual.CA_MotorPo-werSAF(5)	R	510		SAF/EAF Frequency converter	SAF Motor power
VentComActual.CA_MotorPo-werEAF(1)	R	511		SAF/EAF Frequency converter	EAF Motor power
VentComActual.CA_MotorPo-werEAF(2)	R	512		SAF/EAF Frequency converter	EAF Motor power
VentComActual.CA_MotorPo-werEAF(3)	R	513		SAF/EAF Frequency converter	EAF Motor power
VentComActual.CA_MotorPo-werEAF(4)	R	514		SAF/EAF Frequency converter	EAF Motor power
VentComActual.CA_MotorPo-werEAF(5)	R	515		SAF/EAF Frequency converter	EAF Motor power
VentComActual.CA_Active-FaultSAF(1)	I	516		SAF/EAF Frequency converter	SAF Active fault (bit masked)
VentComActual.CA_Active-FaultSAF(2)	I	517		SAF/EAF Frequency converter	SAF Active fault (bit masked)
VentComActual.CA_Active-FaultSAF(3)	I	518		SAF/EAF Frequency converter	SAF Active fault (bit masked)
VentComActual.CA_Active-FaultSAF(4)	I	519		SAF/EAF Frequency converter	SAF Active fault (bit masked)
VentComActual.CA_Active-FaultSAF(5)	I	520		SAF/EAF Frequency converter	SAF Active fault (bit masked)
VentComActual.CA_Active-FaultEAF(1)	I	521		SAF/EAF Frequency converter	EAF Active fault (bit masked)

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentComActual.CA_Active-FaultEAF(2)	I	522		SAF/EAF Frequency converter	EAF Active fault (bit masked)
VentComActual.CA_Active-FaultEAF(3)	I	523		SAF/EAF Frequency converter	EAF Active fault (bit masked)
VentComActual.CA_Active-FaultEAF(4)	I	524		SAF/EAF Frequency converter	EAF Active fault (bit masked)
VentComActual.CA_Active-FaultEAF(5)	I	525		SAF/EAF Frequency converter	EAF Active fault (bit masked)
VentComActual.CA_Actual-SpeedSAF(1)	R	526		SAF/EAF Frequency converter	SAF Actual speed
VentComActual.CA_Actual-SpeedSAF(2)	R	527		SAF/EAF Frequency converter	SAF Actual speed
VentComActual.CA_Actual-SpeedSAF(3)	R	528		SAF/EAF Frequency converter	SAF Actual speed
VentComActual.CA_Actual-SpeedSAF(4)	R	529		SAF/EAF Frequency converter	SAF Actual speed
VentComActual.CA_Actual-SpeedSAF(5)	R	530		SAF/EAF Frequency converter	SAF Actual speed
VentComActual.CA_Actual-SpeedEAF(1)	R	531		SAF/EAF Frequency converter	EAF Actual speed
VentComActual.CA_Actual-SpeedEAF(2)	R	532		SAF/EAF Frequency converter	EAF Actual speed
VentComActual.CA_Actual-SpeedEAF(3)	R	533		SAF/EAF Frequency converter	EAF Actual speed
VentComActual.CA_Actual-SpeedEAF(4)	R	534		SAF/EAF Frequency converter	EAF Actual speed
VentComActual.CA_Actual-SpeedEAF(5)	R	535		SAF/EAF Frequency converter	EAF Actual speed
VentComActual.CA_Accum-PowerSAF(1)	R	536		SAF/EAF Frequency converter	SAF Accumulated power
VentComActual.CA_Accum-PowerSAF(2)	R	537		SAF/EAF Frequency converter	SAF Accumulated power
VentComActual.CA_Accum-PowerSAF(3)	R	538		SAF/EAF Frequency converter	SAF Accumulated power
VentComActual.CA_Accum-PowerSAF(4)	R	539		SAF/EAF Frequency converter	SAF Accumulated power
VentComActual.CA_Accum-PowerSAF(5)	R	540		SAF/EAF Frequency converter	SAF Accumulated power
VentComActual.CA_Accum-PowerEAF(1)	R	541		SAF/EAF Frequency converter	EAF Accumulated power
VentComActual.CA_Accum-PowerEAF(2)	R	542		SAF/EAF Frequency converter	EAF Accumulated power
VentComActual.CA_Accum-PowerEAF(3)	R	543		SAF/EAF Frequency converter	EAF Accumulated power
VentComActual.CA_Accum-PowerEAF(4)	R	544		SAF/EAF Frequency converter	EAF Accumulated power
VentComActual.CA_Accum-PowerEAF(5)	R	545		SAF/EAF Frequency converter	EAF Accumulated power
VentComActual.CA_VVXFault	I	546		VVX	VVX Fault contents (bit masked)
VentComActual.CA_Damper-ActPos(1)	R	547		Damper	Damper actual position
VentComActual.CA_Damper-ActPos(2)	R	548		Damper	Damper actual position

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentComActual.CA_Damper-ActPos(3)	R	549		Damper	Damper actual position
VentComActual.CA_Damper-ActPos(4)	R	550		Damper	Damper actual position
VentComActual.CA_Damper-ActPos(5)	R	551		Damper	Damper actual position
VentComActual.CA_Damper-Fault(1)	I	552		Damper	Damper fault contents (bit masked)
VentComActual.CA_Damper-Fault(2)	I	553		Damper	Damper fault contents (bit masked)
VentComActual.CA_Damper-Fault(3)	I	554		Damper	Damper fault contents (bit masked)
VentComActual.CA_Damper-Fault(4)	I	555		Damper	Damper fault contents (bit masked)
VentComActual.CA_Damper-Fault(5)	I	556		Damper	Damper fault contents (bit masked)
VentActual.A_EnergyFanDay (0)	R	557		Energy consumption	Sum of today and last 7 days total energy (kWh). Index 0 = today, 1=yesterday, 2=.... Scale factor = 0.1
VentActual.A_EnergyFanDay (1)	R	559		Energy consumption	Sum of today and last 7 days total energy (kWh). Index 0 = today, 1=yesterday, 2=....
VentActual.A_EnergyFanDay (2)	R	561		Energy consumption	Sum of today and last 7 days total energy (kWh). Index 0 = today, 1=yesterday, 2=.... Scale factor = 0.1
VentActual.A_EnergyFanDay (3)	R	563		Energy consumption	Sum of today and last 7 days total energy (kWh). Index 0 = today, 1=yesterday, 2=.... Scale factor = 0.1
VentActual.A_EnergyFanDay (4)	R	565		Energy consumption	Sum of today and last 7 days total energy (kWh). Index 0 = today, 1=yesterday, 2=.... Scale factor = 0.1
VentActual.A_EnergyFanDay (5)	R	567		Energy consumption	Sum of today and last 7 days total energy (kWh). Index 0 = today, 1=yesterday, 2=.... Scale factor = 0.1
VentActual.A_EnergyFanDay (6)	R	569		Energy consumption	Sum of today and last 7 days total energy (kWh). Index 0 = today, 1=yesterday, 2=.... Scale factor = 0.1
VentActual.A_EnergyFanDay (7)	R	571		Energy consumption	Sum of today and last 7 days total energy (kWh). Index 0 = today, 1=yesterday, 2=.... . Scale factor = 0.1
VentActual.A_EnergyFan-Month(1)	R	573		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(2)	R	575		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_EnergyFan-Month(3)	R	577		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(4)	R	579		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(5)	R	581		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(6)	R	583		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(7)	R	585		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(8)	R	587		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(9)	R	589		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(10)	R	591		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(11)	R	593		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(12)	R	595		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(13)	R	597		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_EnergyFan-Month(14)	R	599		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(15)	R	601		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(16)	R	603		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(17)	R	605		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(18)	R	607		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(19)	R	609		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(20)	R	611		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(21)	R	613		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(22)	R	615		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(23)	R	617		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(24)	R	619		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_EnergyFan-Month(25)	R	621		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(26)	R	623		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(27)	R	625		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(28)	R	627		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(29)	R	629		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(30)	R	631		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(31)	R	633		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(32)	R	635		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(33)	R	637		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(34)	R	639		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFan-Month(35)	R	641		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_EnergyFan-Month(36)	R	643		Energy consumption	Sum of month total energy used (kWh). Index 1-12 = month this year. Index 13-24 = month last year. Index 25-36 = month 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFanYear (0)	R	645		Energy consumption	Sum of year total energy used (MWh). Index 0 = this year. Index 1 = previous year. Index 2 = 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFanYear (1)	R	647		Energy consumption	Sum of year total energy used (MWh). Index 0 = this year. Index 1 = previous year. Index 2 = 2 years ago.. Scale factor = 0.1
VentActual.A_EnergyFanYear (2)	R	649		Energy consumption	Sum of year total energy used (MWh). Index 0 = this year. Index 1 = previous year. Index 2 = 2 years ago. Scale factor = 0.1
VentActual.A_EnergyFanPwr	R	651		Energy consumption	Current fans total power (kW). Scale factor = 0.1

5 Holding register

The EXOL type of the signals:

R = Real (-3.3E38 - 3.3E38)
RB = Real stored in a bitpac
I = Integer (-32768 - 32767)
X = Index (0 - 255)
L = Logic (0/1)

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(0).T1	RB	0	0	Timer Low Speed	Start time period 1 Monday low speed (HH.MM)
TimeDp.Posts(0).T2	RB	1	0	Timer Low Speed	Stop time period 1 Monday low speed
TimeDp.Posts(0).T3	RB	2	0	Timer Low Speed	Start time period 2 Monday low speed
TimeDp.Posts(0).T4	RB	3	0	Timer Low Speed	Stop time period 2 Monday low speed
TimeDp.Posts(0).T5	RB	4	0	Timer Low Speed	Start time period 3 Monday low speed
TimeDp.Posts(0).T6	RB	5	0	Timer Low Speed	Stop time period 3 Monday low speed
TimeDp.Posts(0).T7	RB	6	0	Timer Low Speed	Start time period 4 Monday low speed
TimeDp.Posts(0).T8	RB	7	0	Timer Low Speed	Stop time period 4 Monday low speed
TimeDp.Posts(1).T1	RB	8	0	Timer Low Speed	Start time period 1 Tuesday low speed
TimeDp.Posts(1).T2	RB	9	0	Timer Low Speed	Stop time period 1 Tuesday low speed
TimeDp.Posts(1).T3	RB	10	0	Timer Low Speed	Start time period 2 Tuesday low speed
TimeDp.Posts(1).T4	RB	11	0	Timer Low Speed	Stop time period 2 Tuesday low speed
TimeDp.Posts(1).T5	RB	12	0	Timer Low Speed	Start time period 3 Tuesday low speed
TimeDp.Posts(1).T6	RB	13	0	Timer Low Speed	Stop time period 3 Tuesday low speed
TimeDp.Posts(1).T7	RB	14	0	Timer Low Speed	Start time period 4 Tuesday low speed
TimeDp.Posts(1).T8	RB	15	0	Timer Low Speed	Stop time period 4 Tuesday low speed
TimeDp.Posts(2).T1	RB	16	0	Timer Low Speed	Start time period 1 Wedn. low speed
TimeDp.Posts(2).T2	RB	17	0	Timer Low Speed	Stop time period 1 Wedn. low speed
TimeDp.Posts(2).T3	RB	18	0	Timer Low Speed	Start time period 2 Wedn. low speed
TimeDp.Posts(2).T4	RB	19	0	Timer Low Speed	Stop time period 2 Wedn. low speed
TimeDp.Posts(2).T5	RB	20	0	Timer Low Speed	Start time period 3 Wedn. low speed
TimeDp.Posts(2).T6	RB	21	0	Timer Low Speed	Stop time period 3 Wedn. low speed

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(2).T7	RB	22	0	Timer Low Speed	Start time period 4 Wedn. low speed
TimeDp.Posts(2).T8	RB	23	0	Timer Low Speed	Stop time period 4 Wedn. low speed
TimeDp.Posts(3).T1	RB	24	0	Timer Low Speed	Start time period 1 Thursday low speed
TimeDp.Posts(3).T2	RB	25	0	Timer Low Speed	Stop time period 1 Thursday low speed
TimeDp.Posts(3).T3	RB	26	0	Timer Low Speed	Start time period 2 Thursday low speed
TimeDp.Posts(3).T4	RB	27	0	Timer Low Speed	Stop time period 2 Thursday low speed
TimeDp.Posts(3).T5	RB	28	0	Timer Low Speed	Start time period 3 Thursday low speed
TimeDp.Posts(3).T6	RB	29	0	Timer Low Speed	Stop time period 3 Thursday low speed
TimeDp.Posts(3).T7	RB	30	0	Timer Low Speed	Start time period 4 Thursday low speed
TimeDp.Posts(3).T8	RB	31	0	Timer Low Speed	Stop time period 4 Thursday low speed
TimeDp.Posts(4).T1	RB	32	0	Timer Low Speed	Start time period 1 Friday low speed
TimeDp.Posts(4).T2	RB	33	0	Timer Low Speed	Stop time period 1 Friday low speed
TimeDp.Posts(4).T3	RB	34	0	Timer Low Speed	Start time period 2 Friday low speed
TimeDp.Posts(4).T4	RB	35	0	Timer Low Speed	Stop time period 2 Friday low speed
TimeDp.Posts(4).T5	RB	36	0	Timer Low Speed	Start time period 3 Friday low speed
TimeDp.Posts(4).T6	RB	37	0	Timer Low Speed	Stop time period 3 Friday low speed
TimeDp.Posts(4).T7	RB	38	0	Timer Low Speed	Start time period 4 Friday low speed
TimeDp.Posts(4).T8	RB	39	0	Timer Low Speed	Stop time period 4 Friday low speed
TimeDp.Posts(5).T1	RB	40	0	Timer Low Speed	Start time period 1 Saturday low speed
TimeDp.Posts(5).T2	RB	41	0	Timer Low Speed	Stop time period 1 Saturday low speed
TimeDp.Posts(5).T3	RB	42	0	Timer Low Speed	Start time period 2 Saturday low speed
TimeDp.Posts(5).T4	RB	43	0	Timer Low Speed	Stop time period 2 Saturday low speed
TimeDp.Posts(5).T5	RB	44	0	Timer Low Speed	Start time period 3 Saturday low speed
TimeDp.Posts(5).T6	RB	45	0	Timer Low Speed	Stop time period 3 Saturday low speed
TimeDp.Posts(5).T7	RB	46	0	Timer Low Speed	Start time period 4 Saturday low speed
TimeDp.Posts(5).T8	RB	47	0	Timer Low Speed	Stop time period 4 Saturday low speed
TimeDp.Posts(6).T1	RB	48	0	Timer Low Speed	Start time period 1 Sunday low speed

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(6).T2	RB	49	0	Timer Low Speed	Stop time period 1 Sunday low speed
TimeDp.Posts(6).T3	RB	50	0	Timer Low Speed	Start time period 2 Sunday low speed
TimeDp.Posts(6).T4	RB	51	0	Timer Low Speed	Stop time period 2 Sunday low speed
TimeDp.Posts(6).T5	RB	52	0	Timer Low Speed	Start time period 3 Sunday low speed
TimeDp.Posts(6).T6	RB	53	0	Timer Low Speed	Stop time period 3 Sunday low speed
TimeDp.Posts(6).T7	RB	54	0	Timer Low Speed	Start time period 4 Sunday low speed
TimeDp.Posts(6).T8	RB	55	0	Timer Low Speed	Stop time period 4 Sunday low speed
TimeDp.Posts(7).T1	RB	56	0	Timer Low Speed	Start time period 1 Holiday low speed
TimeDp.Posts(7).T2	RB	57	0	Timer Low Speed	Stop time period 1 Holiday low speed
TimeDp.Posts(7).T3	RB	58	0	Timer Low Speed	Start time period 2 Holiday low speed
TimeDp.Posts(7).T4	RB	59	0	Timer Low Speed	Stop time period 2 Holiday low speed
TimeDp.Posts(7).T5	RB	60	0	Timer Low Speed	Start time period 3 Holiday low speed
TimeDp.Posts(7).T6	RB	61	0	Timer Low Speed	Stop time period 3 Holiday low speed
TimeDp.Posts(7).T7	RB	62	0	Timer Low Speed	Start time period 4 Holiday low speed
TimeDp.Posts(7).T8	RB	63	0	Timer Low Speed	Stop time period 4 Holiday low speed
TimeDp.Posts(8).T1	RB	64	0	Timer Normal Speed	Start time period 1 Monday normal speed (HH.MM)
TimeDp.Posts(8).T2	RB	65	24	Timer Normal Speed	Stop time period 1 Monday normal speed
TimeDp.Posts(8).T3	RB	66	0	Timer Normal Speed	Start time period 2 Monday normal speed
TimeDp.Posts(8).T4	RB	67	0	Timer Normal Speed	Stop time period 2 Monday normal speed
TimeDp.Posts(8).T5	RB	68	0	Timer Normal Speed	Start time period 3 Monday normal speed
TimeDp.Posts(8).T6	RB	69	0	Timer Normal Speed	Stop time period 3 Monday normal speed
TimeDp.Posts(8).T7	RB	70	0	Timer Normal Speed	Start time period 4 Monday normal speed
TimeDp.Posts(8).T8	RB	71	0	Timer Normal Speed	Stop time period 4 Monday normal speed
TimeDp.Posts(9).T1	RB	72	0	Timer Normal Speed	Start time period 1 Tuesday normal speed
TimeDp.Posts(9).T2	RB	73	24	Timer Normal Speed	Stop time period 1 Tuesday normal speed
TimeDp.Posts(9).T3	RB	74	0	Timer Normal Speed	Start time period 2 Tuesday normal speed
TimeDp.Posts(9).T4	RB	75	0	Timer Normal Speed	Stop time period 2 Tuesday normal speed

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(9).T5	RB	76	0	Timer Normal Speed	Start time period 3 Tuesday normal speed
TimeDp.Posts(9).T6	RB	77	0	Timer Normal Speed	Stop time period 3 Tuesday normal speed
TimeDp.Posts(9).T7	RB	78	0	Timer Normal Speed	Start time period 4 Tuesday normal speed
TimeDp.Posts(9).T8	RB	79	0	Timer Normal Speed	Stop time period 4 Tuesday normal speed
TimeDp.Posts(10).T1	RB	80	0	Timer Normal Speed	Start time period 1 Wedn. normal speed
TimeDp.Posts(10).T2	RB	81	24	Timer Normal Speed	Stop time period 1 Wedn. normal speed
TimeDp.Posts(10).T3	RB	82	0	Timer Normal Speed	Start time period 2 Wedn. normal speed
TimeDp.Posts(10).T4	RB	83	0	Timer Normal Speed	Stop time period 2 Wedn. normal speed
TimeDp.Posts(10).T5	RB	84	0	Timer Normal Speed	Start time period 3 Wedn. normal speed
TimeDp.Posts(10).T6	RB	85	0	Timer Normal Speed	Stop time period 3 Wedn. normal speed
TimeDp.Posts(10).T7	RB	86	0	Timer Normal Speed	Start time period 4 Wedn. normal speed
TimeDp.Posts(10).T8	RB	87	0	Timer Normal Speed	Stop time period 4 Wedn. normal speed
TimeDp.Posts(11).T1	RB	88	0	Timer Normal Speed	Start time period 1 Thursday normalspeed
TimeDp.Posts(11).T2	RB	89	24	Timer Normal Speed	Stop time period 1 Thursday normal speed
TimeDp.Posts(11).T3	RB	90	0	Timer Normal Speed	Start time period 2 Thursday normal speed
TimeDp.Posts(11).T4	RB	91	0	Timer Normal Speed	Stop time period 2 Thursday normal speed
TimeDp.Posts(11).T5	RB	92	0	Timer Normal Speed	Start time period 3 Thursday normalspeed
TimeDp.Posts(11).T6	RB	93	0	Timer Normal Speed	Stop time period 3 Thursday normal speed
TimeDp.Posts(11).T7	RB	94	0	Timer Normal Speed	Start time period 4 Thursday normal speed
TimeDp.Posts(11).T8	RB	95	0	Timer Normal Speed	Stop time period 4 Thursday normal speed
TimeDp.Posts(12).T1	RB	96	0	Timer Normal Speed	Start time period 1 Friday normal speed
TimeDp.Posts(12).T2	RB	97	24	Timer Normal Speed	Stop time period 1 Friday normal speed
TimeDp.Posts(12).T3	RB	98	0	Timer Normal Speed	Start time period 2 Friday normal speed
TimeDp.Posts(12).T4	RB	99	0	Timer Normal Speed	Stop time period 2 Friday normal speed
TimeDp.Posts(12).T5	RB	100	0	Timer Normal Speed	Start time period 3 Friday normal speed
TimeDp.Posts(12).T6	RB	101	0	Timer Normal Speed	Stop time period 3 Friday normal speed
TimeDp.Posts(12).T7	RB	102	0	Timer Normal Speed	Start time period 4 Friday normal speed

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(12).T8	RB	103	0	Timer Normal Speed	Stop time period 4 Friday normal speed
TimeDp.Posts(13).T1	RB	104	0	Timer Normal Speed	Start time period 1 Saturday normal speed
TimeDp.Posts(13).T2	RB	105	24	Timer Normal Speed	Stop time period 1 Saturday normal speed
TimeDp.Posts(13).T3	RB	106	0	Timer Normal Speed	Start time period 2 Saturday normal speed
TimeDp.Posts(13).T4	RB	107	0	Timer Normal Speed	Stop time period 2 Saturday normal speed
TimeDp.Posts(13).T5	RB	108	0	Timer Normal Speed	Start time period 3 Saturday normal speed
TimeDp.Posts(13).T6	RB	109	0	Timer Normal Speed	Stop time period 3 Saturday normal speed
TimeDp.Posts(13).T7	RB	110	0	Timer Normal Speed	Start time period 4 Saturday normal speed
TimeDp.Posts(13).T8	RB	111	0	Timer Normal Speed	Stop time period 4 Saturday normal speed
TimeDp.Posts(14).T1	RB	112	0	Timer Normal Speed	Start time period 1 Sunday normal speed
TimeDp.Posts(14).T2	RB	113	24	Timer Normal Speed	Stop time period 1 Sunday normal speed
TimeDp.Posts(14).T3	RB	114	0	Timer Normal Speed	Start time period 2 Sunday normal speed
TimeDp.Posts(14).T4	RB	115	0	Timer Normal Speed	Stop time period 2 Sunday normal speed
TimeDp.Posts(14).T5	RB	116	0	Timer Normal Speed	Start time period 3 Sunday normal speed
TimeDp.Posts(14).T6	RB	117	0	Timer Normal Speed	Stop time period 3 Sunday normal speed
TimeDp.Posts(14).T7	RB	118	0	Timer Normal Speed	Start time period 4 Sunday normal speed
TimeDp.Posts(14).T8	RB	119	0	Timer Normal Speed	Stop time period 4 Sunday normal speed
TimeDp.Posts(15).T1	RB	120	0	Timer Normal Speed	Start time period 1 Holiday normal speed
TimeDp.Posts(15).T2	RB	121	0	Timer Normal Speed	Stop time period 1 Holiday normal speed
TimeDp.Posts(15).T3	RB	122	0	Timer Normal Speed	Start time period 2 Holiday normal speed
TimeDp.Posts(15).T4	RB	123	0	Timer Normal Speed	Stop time period 2 Holiday normal speed
TimeDp.Posts(15).T5	RB	124	0	Timer Normal Speed	Start time period 3 Holiday normal speed
TimeDp.Posts(15).T6	RB	125	0	Timer Normal Speed	Stop time period 3 Holiday normal speed
TimeDp.Posts(15).T7	RB	126	0	Timer Normal Speed	Start time period 4 Holiday normal speed
TimeDp.Posts(15).T8	RB	127	0	Timer Normal Speed	Stop time period 4 Holiday normal speed
TimeDp.Posts(16).T1	RB	128	0	Timer High Speed	Start time period 1 Monday high speed (HH.MM)
TimeDp.Posts(16).T2	RB	129	0	Timer High Speed	Stop time period 1 Monday high speed

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(16).T3	RB	130	0	Timer High Speed	Start time period 2 Monday high speed
TimeDp.Posts(16).T4	RB	131	0	Timer High Speed	Stop time period 2 Monday high speed
TimeDp.Posts(16).T5	RB	132	0	Timer High Speed	Start time period 3 Monday high speed
TimeDp.Posts(16).T6	RB	133	0	Timer High Speed	Stop time period 3 Monday high speed
TimeDp.Posts(16).T7	RB	134	0	Timer High Speed	Start time period 4 Monday high speed
TimeDp.Posts(16).T8	RB	135	0	Timer High Speed	Stop time period 4 Monday high speed
TimeDp.Posts(17).T1	RB	136	0	Timer High Speed	Start time period 1 Tuesday high speed
TimeDp.Posts(17).T2	RB	137	0	Timer High Speed	Stop time period 1 Tuesday high speed
TimeDp.Posts(17).T3	RB	138	0	Timer High Speed	Start time period 2 Tuesday high speed
TimeDp.Posts(17).T4	RB	139	0	Timer High Speed	Stop time period 2 Tuesday high speed
TimeDp.Posts(17).T5	RB	140	0	Timer High Speed	Start time period 3 Tuesday high speed
TimeDp.Posts(17).T6	RB	141	0	Timer High Speed	Stop time period 3 Tuesday high speed
TimeDp.Posts(17).T7	RB	142	0	Timer High Speed	Start time period 4 Tuesday high speed
TimeDp.Posts(17).T8	RB	143	0	Timer High Speed	Stop time period 4 Tuesday high speed
TimeDp.Posts(18).T1	RB	144	0	Timer High Speed	Start time period 1 Wedn. high speed
TimeDp.Posts(18).T2	RB	145	0	Timer High Speed	Stop time period 1 Wedn. high speed
TimeDp.Posts(18).T3	RB	146	0	Timer High Speed	Start time period 2 Wedn. high speed
TimeDp.Posts(18).T4	RB	147	0	Timer High Speed	Stop time period 2 Wedn. high speed
TimeDp.Posts(18).T5	RB	148	0	Timer High Speed	Start time period 3 Wedn. high speed
TimeDp.Posts(18).T6	RB	149	0	Timer High Speed	Stop time period 3 Wedn. high speed
TimeDp.Posts(18).T7	RB	150	0	Timer High Speed	Start time period 4 Wedn. high speed
TimeDp.Posts(18).T8	RB	151	0	Timer High Speed	Stop time period 4 Wedn. high speed
TimeDp.Posts(19).T1	RB	152	0	Timer High Speed	Start time period 1 Thursday highspeed
TimeDp.Posts(19).T2	RB	153	0	Timer High Speed	Stop time period 1 Thursday high speed
TimeDp.Posts(19).T3	RB	154	0	Timer High Speed	Start time period 2 Thursday high speed
TimeDp.Posts(19).T4	RB	155	0	Timer High Speed	Stop time period 2 Thursday high speed
TimeDp.Posts(19).T5	RB	156	0	Timer High Speed	Start time period 3 Thursday highspeed

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(19).T6	RB	157	0	Timer High Speed	Stop time period 3 Thursday high speed
TimeDp.Posts(19).T7	RB	158	0	Timer High Speed	Start time period 4 Thursday high speed
TimeDp.Posts(19).T8	RB	159	0	Timer High Speed	Stop time period 4 Thursday high speed
TimeDp.Posts(20).T1	RB	160	0	Timer High Speed	Start time period 1 Friday high speed
TimeDp.Posts(20).T2	RB	161	0	Timer High Speed	Stop time period 1 Friday high speed
TimeDp.Posts(20).T3	RB	162	0	Timer High Speed	Start time period 2 Friday high speed
TimeDp.Posts(20).T4	RB	163	0	Timer High Speed	Stop time period 2 Friday high speed
TimeDp.Posts(20).T5	RB	164	0	Timer High Speed	Start time period 3 Friday high speed
TimeDp.Posts(20).T6	RB	165	0	Timer High Speed	Stop time period 3 Friday high speed
TimeDp.Posts(20).T7	RB	166	0	Timer High Speed	Start time period 4 Friday high speed
TimeDp.Posts(20).T8	RB	167	0	Timer High Speed	Stop time period 4 Friday high speed
TimeDp.Posts(21).T1	RB	168	0	Timer High Speed	Start time period 1 Saturday high speed
TimeDp.Posts(21).T2	RB	169	0	Timer High Speed	Stop time period 1 Saturday high speed
TimeDp.Posts(21).T3	RB	170	0	Timer High Speed	Start time period 2 Saturday high speed
TimeDp.Posts(21).T4	RB	171	0	Timer High Speed	Stop time period 2 Saturday high speed
TimeDp.Posts(21).T5	RB	172	0	Timer High Speed	Start time period 3 Saturday high speed
TimeDp.Posts(21).T6	RB	173	0	Timer High Speed	Stop time period 3 Saturday high speed
TimeDp.Posts(21).T7	RB	174	0	Timer High Speed	Start time period 4 Saturday high speed
TimeDp.Posts(21).T8	RB	175	0	Timer High Speed	Stop time period 4 Saturday high speed
TimeDp.Posts(22).T1	RB	176	0	Timer High Speed	Start time period 1 Sunday high speed
TimeDp.Posts(22).T2	RB	177	0	Timer High Speed	Stop time period 1 Sunday high speed
TimeDp.Posts(22).T3	RB	178	0	Timer High Speed	Start time period 2 Sunday high speed
TimeDp.Posts(22).T4	RB	179	0	Timer High Speed	Stop time period 2 Sunday high speed
TimeDp.Posts(22).T5	RB	180	0	Timer High Speed	Start time period 3 Sunday high speed
TimeDp.Posts(22).T6	RB	181	0	Timer High Speed	Stop time period 3 Sunday high speed
TimeDp.Posts(22).T7	RB	182	0	Timer High Speed	Start time period 4 Sunday high speed
TimeDp.Posts(22).T8	RB	183	0	Timer High Speed	Stop time period 4 Sunday high speed

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(23).T1	RB	184	0	Timer High Speed	Start time period 1 Holiday high speed
TimeDp.Posts(23).T2	RB	185	0	Timer High Speed	Stop time period 1 Holiday high speed
TimeDp.Posts(23).T3	RB	186	0	Timer High Speed	Start time period 2 Holiday high speed
TimeDp.Posts(23).T4	RB	187	0	Timer High Speed	Stop time period 2 Holiday high speed
TimeDp.Posts(23).T5	RB	188	0	Timer High Speed	Start time period 3 Holiday high speed
TimeDp.Posts(23).T6	RB	189	0	Timer High Speed	Stop time period 3 Holiday high speed
TimeDp.Posts(23).T7	RB	190	0	Timer High Speed	Start time period 4 Holiday high speed
TimeDp.Posts(23).T8	RB	191	0	Timer High Speed	Stop time period 4 Holiday high speed
TimeDp.Posts(24).T1	RB	192	0	Timer Output 1	Start time period 1 Monday timer output 1 (HH.MM)
TimeDp.Posts(24).T2	RB	193	0	Timer Output 1	Stop time period 1 Monday timer output 1
TimeDp.Posts(24).T3	RB	194	0	Timer Output 1	Start time period 2 Monday timer output 1
TimeDp.Posts(24).T4	RB	195	0	Timer Output 1	Stop time period 2 Monday timer output 1
TimeDp.Posts(24).T5	RB	196	0	Timer Output 1	Start time period 3 Monday timer output 1
TimeDp.Posts(24).T6	RB	197	0	Timer Output 1	Stop time period 3 Monday timer output 1
TimeDp.Posts(24).T7	RB	198	0	Timer Output 1	Start time period 4 Monday timer output 1
TimeDp.Posts(24).T8	RB	199	0	Timer Output 1	Stop time period 4 Monday timer output 1
TimeDp.Posts(25).T1	RB	200	0	Timer Output 1	Start time period 1 Tuesday timer output 1
TimeDp.Posts(25).T2	RB	201	0	Timer Output 1	Stop time period 1 Tuesday timer output 1
TimeDp.Posts(25).T3	RB	202	0	Timer Output 1	Start time period 2 Tuesday timer output 1
TimeDp.Posts(25).T4	RB	203	0	Timer Output 1	Stop time period 2 Tuesday timer output 1
TimeDp.Posts(25).T5	RB	204	0	Timer Output 1	Start time period 3 Tuesday timer output 1
TimeDp.Posts(25).T6	RB	205	0	Timer Output 1	Stop time period 3 Tuesday timer output 1
TimeDp.Posts(25).T7	RB	206	0	Timer Output 1	Start time period 4 Tuesday timer output 1
TimeDp.Posts(25).T8	RB	207	0	Timer Output 1	Stop time period 4 Tuesday timer output 1
TimeDp.Posts(26).T1	RB	208	0	Timer Output 1	Start time period 1 Wednesd. timer output 1
TimeDp.Posts(26).T2	RB	209	0	Timer Output 1	Stop time period 1 Wedn. timer output 1
TimeDp.Posts(26).T3	RB	210	0	Timer Output 1	Start time period 2 Wedn. timer output 1

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(26).T4	RB	211	0	Timer Output 1	Stop time period 2 Wedn. timer output 1
TimeDp.Posts(26).T5	RB	212	0	Timer Output 1	Start time period 3 Wednesd. timer output 1
TimeDp.Posts(26).T6	RB	213	0	Timer Output 1	Stop time period 3 Wedn. timer output 1
TimeDp.Posts(26).T7	RB	214	0	Timer Output 1	Start time period 4 Wedn. timer output 1
TimeDp.Posts(26).T8	RB	215	0	Timer Output 1	Stop time period 4 Wedn. timer output 1
TimeDp.Posts(27).T1	RB	216	0	Timer Output 1	Start time period 1 Thursday timer output 1
TimeDp.Posts(27).T2	RB	217	0	Timer Output 1	Stop time period 1 Thursday timer output 1
TimeDp.Posts(27).T3	RB	218	0	Timer Output 1	Start time period 2 Thursday timer output 1
TimeDp.Posts(27).T4	RB	219	0	Timer Output 1	Stop time period 2 Thursday timer output 1
TimeDp.Posts(27).T5	RB	220	0	Timer Output 1	Start time period 3 Thursday timer output 1
TimeDp.Posts(27).T6	RB	221	0	Timer Output 1	Stop time period 3 Thursday timer output 1
TimeDp.Posts(27).T7	RB	222	0	Timer Output 1	Start time period 4 Thursday timer output 1
TimeDp.Posts(27).T8	RB	223	0	Timer Output 1	Stop time period 4 Thursday timer output 1
TimeDp.Posts(28).T1	RB	224	0	Timer Output 1	Start time period 1 Friday timer output 1
TimeDp.Posts(28).T2	RB	225	0	Timer Output 1	Stop time period 1 Friday timer output 1
TimeDp.Posts(28).T3	RB	226	0	Timer Output 1	Start time period 2 Friday timer output 1
TimeDp.Posts(28).T4	RB	227	0	Timer Output 1	Stop time period 2 Friday timer output 1
TimeDp.Posts(28).T5	RB	228	0	Timer Output 1	Start time period 3 Friday timer output 1
TimeDp.Posts(28).T6	RB	229	0	Timer Output 1	Stop time period 3 Friday timer output 1
TimeDp.Posts(28).T7	RB	230	0	Timer Output 1	Start time period 4 Friday timer output 1
TimeDp.Posts(28).T8	RB	231	0	Timer Output 1	Stop time period 4 Friday timer output 1
TimeDp.Posts(29).T1	RB	232	0	Timer Output 1	Start time period 1 Saturday timer output 1
TimeDp.Posts(29).T2	RB	233	0	Timer Output 1	Stop time period 1 Saturday timer output 1
TimeDp.Posts(29).T3	RB	234	0	Timer Output 1	Start time period 2 Saturday timer output 1
TimeDp.Posts(29).T4	RB	235	0	Timer Output 1	Stop time period 2 Saturday timer output 1
TimeDp.Posts(29).T5	RB	236	0	Timer Output 1	Start time period 3 Saturday timer output 1
TimeDp.Posts(29).T6	RB	237	0	Timer Output 1	Stop time period 3 Saturday timer output 1

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(29).T7	RB	238	0	Timer Output 1	Start time period 4 Saturday timer output 1
TimeDp.Posts(29).T8	RB	239	0	Timer Output 1	Stop time period 4 Saturday timer output 1
TimeDp.Posts(30).T1	RB	240	0	Timer Output 1	Start time period 1 Sunday timer output 1
TimeDp.Posts(30).T2	RB	241	0	Timer Output 1	Stop time period 1 Sunday timer output 1
TimeDp.Posts(30).T3	RB	242	0	Timer Output 1	Start time period 2 Sunday timer output 1
TimeDp.Posts(30).T4	RB	243	0	Timer Output 1	Stop time period 2 Sunday timer output 1
TimeDp.Posts(30).T5	RB	244	0	Timer Output 1	Start time period 3 Sunday timer output 1
TimeDp.Posts(30).T6	RB	245	0	Timer Output 1	Stop time period 3 Sunday timer output 1
TimeDp.Posts(30).T7	RB	246	0	Timer Output 1	Start time period 4 Sunday timer output 1
TimeDp.Posts(30).T8	RB	247	0	Timer Output 1	Stop time period 4 Sunday timer output 1
TimeDp.Posts(31).T1	RB	248	0	Timer Output 1	Start time period 1 Holiday timer output 1
TimeDp.Posts(31).T2	RB	249	0	Timer Output 1	Stop time period 1 Holiday timer output 1
TimeDp.Posts(31).T3	RB	250	0	Timer Output 1	Start time period 2 Holiday timer output 1
TimeDp.Posts(31).T4	RB	251	0	Timer Output 1	Stop time period 2 Holiday timer output 1
TimeDp.Posts(31).T5	RB	252	0	Timer Output 1	Start time period 3 Holiday timer output 1
TimeDp.Posts(31).T6	RB	253	0	Timer Output 1	Stop time period 3 Holiday timer output 1
TimeDp.Posts(31).T7	RB	254	0	Timer Output 1	Start time period 4 Holiday timer output 1
TimeDp.Posts(31).T8	RB	255	0	Timer Output 1	Stop time period 4 Holiday timer output 1
TimeDp.Posts(32).T1	RB	256	0	Timer Output 2	Start time period 1 Monday timer output 2 (HH.MM)
TimeDp.Posts(32).T2	RB	257	0	Timer Output 2	Stop time period 1 Monday timer output 2
TimeDp.Posts(32).T3	RB	258	0	Timer Output 2	Start time period 2 Monday timer output 2
TimeDp.Posts(32).T4	RB	259	0	Timer Output 2	Stop time period 2 Monday timer output 2
TimeDp.Posts(32).T5	RB	260	0	Timer Output 2	Start time period 3 Monday timer output 2
TimeDp.Posts(32).T6	RB	261	0	Timer Output 2	Stop time period 3 Monday timer output 2
TimeDp.Posts(32).T7	RB	262	0	Timer Output 2	Start time period 4 Monday timer output 2
TimeDp.Posts(32).T8	RB	263	0	Timer Output 2	Stop time period 4 Monday timer output 2
TimeDp.Posts(33).T1	RB	264	0	Timer Output 2	Start time period 1 Tuesday timer output 2

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(33).T2	RB	265	0	Timer Output 2	Stop time period 1 Tuesday timer output 2
TimeDp.Posts(33).T3	RB	266	0	Timer Output 2	Start time period 2 Tuesday timer output 2
TimeDp.Posts(33).T4	RB	267	0	Timer Output 2	Stop time period 2 Tuesday timer output 2
TimeDp.Posts(33).T5	RB	268	0	Timer Output 2	Start time period 3 Tuesday timer output 2
TimeDp.Posts(33).T6	RB	269	0	Timer Output 2	Stop time period 3 Tuesday timer output 2
TimeDp.Posts(33).T7	RB	270	0	Timer Output 2	Start time period 4 Tuesday timer output 2
TimeDp.Posts(33).T8	RB	271	0	Timer Output 2	Stop time period 4 Tuesday timer output 2
TimeDp.Posts(34).T1	RB	272	0	Timer Output 2	Start time period 1 Wedn. timer output 2
TimeDp.Posts(34).T2	RB	273	0	Timer Output 2	Stop time period 1 Wedn. timer output 2
TimeDp.Posts(34).T3	RB	274	0	Timer Output 2	Start time period 2 Wedn. timer output 2
TimeDp.Posts(34).T4	RB	275	0	Timer Output 2	Stop time period 2 Wedn. timer output 2
TimeDp.Posts(34).T5	RB	276	0	Timer Output 2	Start time period 3 Wedn. timer output 2
TimeDp.Posts(34).T6	RB	277	0	Timer Output 2	Stop time period 3 Wedn. timer output 2
TimeDp.Posts(34).T7	RB	278	0	Timer Output 2	Start time period 4 Wedn. timer output 2
TimeDp.Posts(34).T8	RB	279	0	Timer Output 2	Stop time period 4 Wedn. timer output 2
TimeDp.Posts(35).T1	RB	280	0	Timer Output 2	Start time period 1 Thursday timer output 2
TimeDp.Posts(35).T2	RB	281	0	Timer Output 2	Stop time period 1 Thursday timer output 2
TimeDp.Posts(35).T3	RB	282	0	Timer Output 2	Start time period 2 Thursday timer output 2
TimeDp.Posts(35).T4	RB	283	0	Timer Output 2	Stop time period 2 Thursday timer output 2
TimeDp.Posts(35).T5	RB	284	0	Timer Output 2	Start time period 3 Thursday timer output 2
TimeDp.Posts(35).T6	RB	285	0	Timer Output 2	Stop time period 3 Thursday timer output 2
TimeDp.Posts(35).T7	RB	286	0	Timer Output 2	Start time period 4 Thursday timer output 2
TimeDp.Posts(35).T8	RB	287	0	Timer Output 2	Stop time period 4 Thursday timer output 2
TimeDp.Posts(36).T1	RB	288	0	Timer Output 2	Start time period 1 Friday timer output 2
TimeDp.Posts(36).T2	RB	289	0	Timer Output 2	Stop time period 1 Friday timer output 2
TimeDp.Posts(36).T3	RB	290	0	Timer Output 2	Start time period 2 Friday timer output 2
TimeDp.Posts(36).T4	RB	291	0	Timer Output 2	Stop time period 2 Friday timer output 2

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(36).T5	RB	292	0	Timer Output 2	Start time period 3 Friday timer output 2
TimeDp.Posts(36).T6	RB	293	0	Timer Output 2	Stop time period 3 Friday timer output 2
TimeDp.Posts(36).T7	RB	294	0	Timer Output 2	Start time period 4 Friday timer output 2
TimeDp.Posts(36).T8	RB	295	0	Timer Output 2	Stop time period 4 Friday timer output 2
TimeDp.Posts(37).T1	RB	296	0	Timer Output 2	Start time period 1 Saturday timer output 2
TimeDp.Posts(37).T2	RB	297	0	Timer Output 2	Stop time period 1 Saturday timer output 2
TimeDp.Posts(37).T3	RB	298	0	Timer Output 2	Start time period 2 Saturday timer output 2
TimeDp.Posts(37).T4	RB	299	0	Timer Output 2	Stop time period 2 Saturday timer output 2
TimeDp.Posts(37).T5	RB	300	0	Timer Output 2	Start time period 3 Saturday timer output 2
TimeDp.Posts(37).T6	RB	301	0	Timer Output 2	Stop time period 3 Saturday timer output 2
TimeDp.Posts(37).T7	RB	302	0	Timer Output 2	Start time period 4 Saturday timer output 2
TimeDp.Posts(37).T8	RB	303	0	Timer Output 2	Stop time period 4 Saturday timer output 2
TimeDp.Posts(38).T1	RB	304	0	Timer Output 2	Start time period 1 Sunday timer output 2
TimeDp.Posts(38).T2	RB	305	0	Timer Output 2	Stop time period 1 Sunday timer output 2
TimeDp.Posts(38).T3	RB	306	0	Timer Output 2	Start time period 2 Sunday timer output 2
TimeDp.Posts(38).T4	RB	307	0	Timer Output 2	Stop time period 2 Sunday timer output 2
TimeDp.Posts(38).T5	RB	308	0	Timer Output 2	Start time period 3 Sunday timer output 2
TimeDp.Posts(38).T6	RB	309	0	Timer Output 2	Stop time period 3 Sunday timer output 2
TimeDp.Posts(38).T7	RB	310	0	Timer Output 2	Start time period 4 Sunday timer output 2
TimeDp.Posts(38).T8	RB	311	0	Timer Output 2	Stop time period 4 Sunday timer output 2
TimeDp.Posts(39).T1	RB	312	0	Timer Output 2	Start time period 1 Holiday timer output 2
TimeDp.Posts(39).T2	RB	313	0	Timer Output 2	Stop time period 1 Holiday timer output 2
TimeDp.Posts(39).T3	RB	314	0	Timer Output 2	Start time period 2 Holiday timer output 2
TimeDp.Posts(39).T4	RB	315	0	Timer Output 2	Stop time period 2 Holiday timer output 2
TimeDp.Posts(39).T5	RB	316	0	Timer Output 2	Start time period 3 Holiday timer output 2
TimeDp.Posts(39).T6	RB	317	0	Timer Output 2	Stop time period 3 Holiday timer output 2
TimeDp.Posts(39).T7	RB	318	0	Timer Output 2	Start time period 4 Holiday timer output 2

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(39).T8	RB	319	0	Timer Output 2	Stop time period 4 Holiday timer output 2
TimeDp.Posts(40).T1	RB	320	0	Timer Output 3	Start time period 1 Monday timer output 3 (HH.MM)
TimeDp.Posts(40).T2	RB	321	0	Timer Output 3	Stop time period 1 Monday timer output 3
TimeDp.Posts(40).T3	RB	322	0	Timer Output 3	Start time period 2 Monday timer output 3
TimeDp.Posts(40).T4	RB	323	0	Timer Output 3	Stop time period 2 Monday timer output 3
TimeDp.Posts(40).T5	RB	324	0	Timer Output 3	Start time period 3 Monday timer output 3
TimeDp.Posts(40).T6	RB	325	0	Timer Output 3	Stop time period 3 Monday timer output 3
TimeDp.Posts(40).T7	RB	326	0	Timer Output 3	Start time period 4 Monday timer output 3
TimeDp.Posts(40).T8	RB	327	0	Timer Output 3	Stop time period 4 Monday timer output 3
TimeDp.Posts(41).T1	RB	328	0	Timer Output 3	Start time period 1 Tuesday timer output 3
TimeDp.Posts(41).T2	RB	329	0	Timer Output 3	Stop time period 1 Tuesday timer output 3
TimeDp.Posts(41).T3	RB	330	0	Timer Output 3	Start time period 2 Tuesday timer output 3
TimeDp.Posts(41).T4	RB	331	0	Timer Output 3	Stop time period 2 Tuesday timer output 3
TimeDp.Posts(41).T5	RB	332	0	Timer Output 3	Start time period 3 Tuesday timer output 3
TimeDp.Posts(41).T6	RB	333	0	Timer Output 3	Stop time period 3 Tuesday timer output 3
TimeDp.Posts(41).T7	RB	334	0	Timer Output 3	Start time period 4 Tuesday timer output 3
TimeDp.Posts(41).T8	RB	335	0	Timer Output 3	Stop time period 4 Tuesday timer output 3
TimeDp.Posts(42).T1	RB	336	0	Timer Output 3	Start time period 1 Wedn. timer output 3
TimeDp.Posts(42).T2	RB	337	0	Timer Output 3	Stop time period 1 Wedn. timer output 3
TimeDp.Posts(42).T3	RB	338	0	Timer Output 3	Start time period 2 Wedn. timer output 3
TimeDp.Posts(42).T4	RB	339	0	Timer Output 3	Stop time period 2 Wedn. timer output 3
TimeDp.Posts(42).T5	RB	340	0	Timer Output 3	Start time period 3 Wedn. timer output 3
TimeDp.Posts(42).T6	RB	341	0	Timer Output 3	Stop time period 3 Wedn. timer output 3
TimeDp.Posts(42).T7	RB	342	0	Timer Output 3	Start time period 4 Wedn. timer output 3
TimeDp.Posts(42).T8	RB	343	0	Timer Output 3	Stop time period 4 Wedn. timer output 3
TimeDp.Posts(43).T1	RB	344	0	Timer Output 3	Start time period 1 Thursday timer output 3
TimeDp.Posts(43).T2	RB	345	0	Timer Output 3	Stop time period 1 Thursday timer output 3

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(43).T3	RB	346	0	Timer Output 3	Start time period 2 Thursday timer output 3
TimeDp.Posts(43).T4	RB	347	0	Timer Output 3	Stop time period 2 Thursday timer output 3
TimeDp.Posts(43).T5	RB	348	0	Timer Output 3	Start time period 3 Thursday timer output 3
TimeDp.Posts(43).T6	RB	349	0	Timer Output 3	Stop time period 3 Thursday timer output 3
TimeDp.Posts(43).T7	RB	350	0	Timer Output 3	Start time period 4 Thursday timer output 3
TimeDp.Posts(43).T8	RB	351	0	Timer Output 3	Stop time period 4 Thursday timer output 3
TimeDp.Posts(44).T1	RB	352	0	Timer Output 3	Start time period 1 Friday timer output 3
TimeDp.Posts(44).T2	RB	353	0	Timer Output 3	Stop time period 1 Friday timer output 3
TimeDp.Posts(44).T3	RB	354	0	Timer Output 3	Start time period 2 Friday timer output 3
TimeDp.Posts(44).T4	RB	355	0	Timer Output 3	Stop time period 2 Friday timer output 3
TimeDp.Posts(44).T5	RB	356	0	Timer Output 3	Start time period 3 Friday timer output 3
TimeDp.Posts(44).T6	RB	357	0	Timer Output 3	Stop time period 3 Friday timer output 3
TimeDp.Posts(44).T7	RB	358	0	Timer Output 3	Start time period 4 Friday timer output 3
TimeDp.Posts(44).T8	RB	359	0	Timer Output 3	Stop time period 4 Friday timer output 3
TimeDp.Posts(45).T1	RB	360	0	Timer Output 3	Start time period 1 Saturday timer output 3
TimeDp.Posts(45).T2	RB	361	0	Timer Output 3	Stop time period 1 Saturday timer output 3
TimeDp.Posts(45).T3	RB	362	0	Timer Output 3	Start time period 2 Saturday timer output 3
TimeDp.Posts(45).T4	RB	363	0	Timer Output 3	Stop time period 2 Saturday timer output 3
TimeDp.Posts(45).T5	RB	364	0	Timer Output 3	Start time period 3 Saturday timer output 3
TimeDp.Posts(45).T6	RB	365	0	Timer Output 3	Stop time period 3 Saturday timer output 3
TimeDp.Posts(45).T7	RB	366	0	Timer Output 3	Start time period 4 Saturday timer output 3
TimeDp.Posts(45).T8	RB	367	0	Timer Output 3	Stop time period 4 Saturday timer output 3
TimeDp.Posts(46).T1	RB	368	0	Timer Output 3	Start time period 1 Sunday timer output 3
TimeDp.Posts(46).T2	RB	369	0	Timer Output 3	Stop time period 1 Sunday timer output 3
TimeDp.Posts(46).T3	RB	370	0	Timer Output 3	Start time period 2 Sunday timer output 3
TimeDp.Posts(46).T4	RB	371	0	Timer Output 3	Stop time period 2 Sunday timer output 3
TimeDp.Posts(46).T5	RB	372	0	Timer Output 3	Start time period 3 Sunday timer output 3

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(46).T6	RB	373	0	Timer Output 3	Stop time period 3 Sunday timer output 3
TimeDp.Posts(46).T7	RB	374	0	Timer Output 3	Start time period 4 Sunday timer output 3
TimeDp.Posts(46).T8	RB	375	0	Timer Output 3	Stop time period 4 Sunday timer output 3
TimeDp.Posts(47).T1	RB	376	0	Timer Output 3	Start time period 1 Holiday timer output 3
TimeDp.Posts(47).T2	RB	377	0	Timer Output 3	Stop time period 1 Holiday timer output 3
TimeDp.Posts(47).T3	RB	378	0	Timer Output 3	Start time period 2 Holiday timer output 3
TimeDp.Posts(47).T4	RB	379	0	Timer Output 3	Stop time period 2 Holiday timer output 3
TimeDp.Posts(47).T5	RB	380	0	Timer Output 3	Start time period 3 Holiday timer output 3
TimeDp.Posts(47).T6	RB	381	0	Timer Output 3	Stop time period 3 Holiday timer output 3
TimeDp.Posts(47).T7	RB	382	0	Timer Output 3	Start time period 4 Holiday timer output 3
TimeDp.Posts(47).T8	RB	383	0	Timer Output 3	Stop time period 4 Holiday timer output 3
TimeDp.Posts(48).T1	RB	384	0	Timer Output 4	Start time period 1 Monday timer output 4 (HH.MM)
TimeDp.Posts(48).T2	RB	385	0	Timer Output 4	Stop time period 1 Monday timer output 4
TimeDp.Posts(48).T3	RB	386	0	Timer Output 4	Start time period 2 Monday timer output 4
TimeDp.Posts(48).T4	RB	387	0	Timer Output 4	Stop time period 2 Monday timer output 4
TimeDp.Posts(48).T5	RB	388	0	Timer Output 4	Start time period 3 Monday timer output 4
TimeDp.Posts(48).T6	RB	389	0	Timer Output 4	Stop time period 3 Monday timer output 4
TimeDp.Posts(48).T7	RB	390	0	Timer Output 4	Start time period 4 Monday timer output 4
TimeDp.Posts(48).T8	RB	391	0	Timer Output 4	Stop time period 4 Monday timer output 4
TimeDp.Posts(49).T1	RB	392	0	Timer Output 4	Start time period 1 Tuesday timer output 4
TimeDp.Posts(49).T2	RB	393	0	Timer Output 4	Stop time period 1 Tuesday timer output 4
TimeDp.Posts(49).T3	RB	394	0	Timer Output 4	Start time period 2 Tuesday timer output 4
TimeDp.Posts(49).T4	RB	395	0	Timer Output 4	Stop time period 2 Tuesday timer output 4
TimeDp.Posts(49).T5	RB	396	0	Timer Output 4	Start time period 3 Tuesday timer output 4
TimeDp.Posts(49).T6	RB	397	0	Timer Output 4	Stop time period 3 Tuesday timer output 4
TimeDp.Posts(49).T7	RB	398	0	Timer Output 4	Start time period 4 Tuesday timer output 4
TimeDp.Posts(49).T8	RB	399	0	Timer Output 4	Stop time period 4 Tuesday timer output 4

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(50).T1	RB	400	0	Timer Output 4	Start time period 1 Wedn. timer output 4
TimeDp.Posts(50).T2	RB	401	0	Timer Output 4	Stop time period 1 Wedn. timer output 4
TimeDp.Posts(50).T3	RB	402	0	Timer Output 4	Start time period 2 Wedn. timer output 4
TimeDp.Posts(50).T4	RB	403	0	Timer Output 4	Stop time period 2 Wedn. timer output 4
TimeDp.Posts(50).T5	RB	404	0	Timer Output 4	Start time period 3 Wedn. timer output 4
TimeDp.Posts(50).T6	RB	405	0	Timer Output 4	Stop time period 3 Wedn. timer output 4
TimeDp.Posts(50).T7	RB	406	0	Timer Output 4	Start time period 4 Wedn. timer output 4
TimeDp.Posts(50).T8	RB	407	0	Timer Output 4	Stop time period 4 Wedn. timer output 4
TimeDp.Posts(51).T1	RB	408	0	Timer Output 4	Start time period 1 Thursday timer output 4
TimeDp.Posts(51).T2	RB	409	0	Timer Output 4	Stop time period 1 Thursday timer output 4
TimeDp.Posts(51).T3	RB	410	0	Timer Output 4	Start time period 2 Thursday timer output 4
TimeDp.Posts(51).T4	RB	411	0	Timer Output 4	Stop time period 2 Thursday timer output 4
TimeDp.Posts(51).T5	RB	412	0	Timer Output 4	Start time period 3 Thursday timer output 4
TimeDp.Posts(51).T6	RB	413	0	Timer Output 4	Stop time period 3 Thursday timer output 4
TimeDp.Posts(51).T7	RB	414	0	Timer Output 4	Start time period 4 Thursday timer output 4
TimeDp.Posts(51).T8	RB	415	0	Timer Output 4	Stop time period 4 Thursday timer output 4
TimeDp.Posts(52).T1	RB	416	0	Timer Output 4	Start time period 1 Friday timer output 4
TimeDp.Posts(52).T2	RB	417	0	Timer Output 4	Stop time period 1 Friday timer output 4
TimeDp.Posts(52).T3	RB	418	0	Timer Output 4	Start time period 2 Friday timer output 4
TimeDp.Posts(52).T4	RB	419	0	Timer Output 4	Stop time period 2 Friday timer output 4
TimeDp.Posts(52).T5	RB	420	0	Timer Output 4	Start time period 3 Friday timer output 4
TimeDp.Posts(52).T6	RB	421	0	Timer Output 4	Stop time period 3 Friday timer output 4
TimeDp.Posts(52).T7	RB	422	0	Timer Output 4	Start time period 4 Friday timer output 4
TimeDp.Posts(52).T8	RB	423	0	Timer Output 4	Stop time period 4 Friday timer output 4
TimeDp.Posts(53).T1	RB	424	0	Timer Output 4	Start time period 1 Saturday timer output 4
TimeDp.Posts(53).T2	RB	425	0	Timer Output 4	Stop time period 1 Saturday timer output 4
TimeDp.Posts(53).T3	RB	426	0	Timer Output 4	Start time period 2 Saturday timer output 4

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeDp.Posts(53).T4	RB	427	0	Timer Output 4	Stop time period 2 Saturday timer output 4
TimeDp.Posts(53).T5	RB	428	0	Timer Output 4	Start time period 3 Saturday timer output 4
TimeDp.Posts(53).T6	RB	429	0	Timer Output 4	Stop time period 3 Saturday timer output 4
TimeDp.Posts(53).T7	RB	430	0	Timer Output 4	Start time period 4 Saturday timer output 4
TimeDp.Posts(53).T8	RB	431	0	Timer Output 4	Stop time period 4 Saturday timer output 4
TimeDp.Posts(54).T1	RB	432	0	Timer Output 4	Start time period 1 Sunday timer output 4
TimeDp.Posts(54).T2	RB	433	0	Timer Output 4	Stop time period 1 Sunday timer output 4
TimeDp.Posts(54).T3	RB	434	0	Timer Output 4	Start time period 2 Sunday timer output 4
TimeDp.Posts(54).T4	RB	435	0	Timer Output 4	Stop time period 2 Sunday timer output 4
TimeDp.Posts(54).T5	RB	436	0	Timer Output 4	Start time period 3 Sunday timer output 4
TimeDp.Posts(54).T6	RB	437	0	Timer Output 4	Stop time period 3 Sunday timer output 4
TimeDp.Posts(54).T7	RB	438	0	Timer Output 4	Start time period 4 Sunday timer output 4
TimeDp.Posts(54).T8	RB	439	0	Timer Output 4	Stop time period 4 Sunday timer output 4
TimeDp.Posts(55).T1	RB	440	0	Timer Output 4	Start time period 1 Holiday timer output 4
TimeDp.Posts(55).T2	RB	441	0	Timer Output 4	Stop time period 1 Holiday timer output 4
TimeDp.Posts(55).T3	RB	442	0	Timer Output 4	Start time period 2 Holiday timer output 4
TimeDp.Posts(55).T4	RB	443	0	Timer Output 4	Stop time period 2 Holiday timer output 4
TimeDp.Posts(55).T5	RB	444	0	Timer Output 4	Start time period 3 Holiday timer output 4
TimeDp.Posts(55).T6	RB	445	0	Timer Output 4	Stop time period 3 Holiday timer output 4
TimeDp.Posts(55).T7	RB	446	0	Timer Output 4	Start time period 4 Holiday timer output 4
TimeDp.Posts(55).T8	RB	447	0	Timer Output 4	Stop time period 4 Holiday timer output 4
TimeHp.Posts(0).FromDate	RB	448	01.01	Holidays	Start date holiday period 1 (MM.DD)
TimeHp.Posts(0).ToDate	RB	449	01.01	Holidays	End date holiday period 1 (MM.DD)
TimeHp.Posts(1).FromDate	RB	450	01.01	Holidays	Start date holiday period 2 (MM.DD)
TimeHp.Posts(1).ToDate	RB	451	01.01	Holidays	End date holiday period 2 (MM.DD)
TimeHp.Posts(2).FromDate	RB	452	01.01	Holidays	Start date holiday period 3 (MM.DD)
TimeHp.Posts(2).ToDate	RB	453	01.01	Holidays	End date holiday period 3 (MM.DD)

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeHp.Posts(3).FromDate	RB	454	01.01	Holidays	Start date holiday period 4 (MM.DD)
TimeHp.Posts(3).ToDate	RB	455	01.01	Holidays	End date holiday period 4 (MM.DD)
TimeHp.Posts(4).FromDate	RB	456	01.01	Holidays	Start date holiday period 5 (MM.DD)
TimeHp.Posts(4).ToDate	RB	457	01.01	Holidays	End date holiday period 5 (MM.DD)
TimeHp.Posts(5).FromDate	RB	458	01.01	Holidays	Start date holiday period 6 (MM.DD)
TimeHp.Posts(5).ToDate	RB	459	01.01	Holidays	End date holiday period 6 (MM.DD)
TimeHp.Posts(6).FromDate	RB	460	01.01	Holidays	Start date holiday period 7 (MM.DD)
TimeHp.Posts(6).ToDate	RB	461	01.01	Holidays	End date holiday period 7 (MM.DD)
TimeHp.Posts(7).FromDate	RB	462	01.01	Holidays	Start date holiday period 8 (MM.DD)
TimeHp.Posts(7).ToDate	RB	463	01.01	Holidays	End date holiday period 8 (MM.DD)
TimeHp.Posts(8).FromDate	RB	464	01.01	Holidays	Start date holiday period 9 (MM.DD)
TimeHp.Posts(8).ToDate	RB	465	01.01	Holidays	End date holiday period 9 (MM.DD)
TimeHp.Posts(9).FromDate	RB	466	01.01	Holidays	Start date holiday period 10 (MM.DD)
TimeHp.Posts(9).ToDate	RB	467	01.01	Holidays	End date holiday period 10 (MM.DD)
TimeHp.Posts(10).FromDate	RB	468	01.01	Holidays	Start date holiday period 11 (MM.DD)
TimeHp.Posts(10).ToDate	RB	469	01.01	Holidays	End date holiday period 11 (MM.DD)
TimeHp.Posts(11).FromDate	RB	470	01.01	Holidays	Start date holiday period 12 (MM.DD)
TimeHp.Posts(11).ToDate	RB	471	01.01	Holidays	End date holiday period 12 (MM.DD)
TimeHp.Posts(12).FromDate	RB	472	01.01	Holidays	Start date holiday period 13 (MM.DD)
TimeHp.Posts(12).ToDate	RB	473	01.01	Holidays	End date holiday period 13 (MM.DD)
TimeHp.Posts(13).FromDate	RB	474	01.01	Holidays	Start date holiday period 14 (MM.DD)
TimeHp.Posts(13).ToDate	RB	475	01.01	Holidays	End date holiday period 14 (MM.DD)
TimeHp.Posts(14).FromDate	RB	476	01.01	Holidays	Start date holiday period 15 (MM.DD)
TimeHp.Posts(14).ToDate	RB	477	01.01	Holidays	End date holiday period 15 (MM.DD)
TimeHp.Posts(15).FromDate	RB	478	01.01	Holidays	Start date holiday period 16 (MM.DD)
TimeHp.Posts(15).ToDate	RB	479	01.01	Holidays	End date holiday period 16 (MM.DD)
TimeHp.Posts(16).FromDate	RB	480	01.01	Holidays	Start date holiday period 17 (MM.DD)

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimeHp.Posts(16).ToDate	RB	481	01.01	Holidays	End date holiday period 17 (MM.DD)
TimeHp.Posts(17).FromDate	RB	482	01.01	Holidays	Start date holiday period 18 (MM.DD)
TimeHp.Posts(17).ToDate	RB	483	01.01	Holidays	End date holiday period 18 (MM.DD)
TimeHp.Posts(18).FromDate	RB	484	01.01	Holidays	Start date holiday period 19 (MM.DD)
TimeHp.Posts(18).ToDate	RB	485	01.01	Holidays	End date holiday period 19 (MM.DD)
TimeHp.Posts(19).FromDate	RB	486	01.01	Holidays	Start date holiday period 20 (MM.DD)
TimeHp.Posts(19).ToDate	RB	487	01.01	Holidays	End date holiday period 20 (MM.DD)
TimeHp.Posts(20).FromDate	RB	488	01.01	Holidays	Start date holiday period 21 (MM.DD)
TimeHp.Posts(20).ToDate	RB	489	01.01	Holidays	End date holiday period 21 (MM.DD)
TimeHp.Posts(21).FromDate	RB	490	01.01	Holidays	Start date holiday period 22 (MM.DD)
TimeHp.Posts(21).ToDate	RB	491	01.01	Holidays	End date holiday period 22 (MM.DD)
TimeHp.Posts(22).FromDate	RB	492	01.01	Holidays	Start date holiday period 23 (MM.DD)
TimeHp.Posts(22).ToDate	RB	493	01.01	Holidays	End date holiday period 23 (MM.DD)
TimeHp.Posts(23).FromDate	RB	494	01.01	Holidays	Start date holiday period 24 (MM.DD)
TimeHp.Posts(23).ToDate	RB	495	01.01	Holidays	End date holiday period 24 (MM.DD)
TimePro.TC_FanLowSpeed_Status	X	496	4	Manual/Auto	Manual/Auto Low Speed time channel 0=Manual-Off 1=Manual-On 2=Forced Off 3=Forced On 4=Auto
TimePro.TC_FanNormal-Speed_Status	X	497	4	Manual/Auto	Manual/Auto Normal Speed time channel 0=Manual-Off 1=Manual-On 2=Forced Off 3=Forced On 4=Auto
TimePro.TC_FanHighSpeed_Status	X	498	4	Manual/Auto	Manual/Auto High Speed time channel 0=Manual-Off 1=Manual-On 2=Forced Off 3=Forced On 4=Auto
TimePro.TC_Extra1_Status	X	499	4	Manual/Auto	Manual/Auto Timer output 1
TimePro.TC_Extra2_Status	X	500	4	Manual/Auto	Manual/Auto Timer output 2
TimePro.TC_Extra3_Status	X	501	4	Manual/Auto	Manual/Auto Timer output 3
TimePro.TC_Extra4_Status	X	502	4	Manual/Auto	Manual/Auto Timer output 4

Signal name	EXOL type	Modbus address	Default value	Function	Description
QSystem.Minute	X	503		Real Time Clock	Real time clock: Minute 0-59
QSystem.Hour	X	504		Real Time Clock	Real time clock: Hour 0-23
QSystem.WDay	X	505		Real Time Clock	Real time clock: Day of Week 1-7, 1=Monday
QSystem.Week	X	506		Real Time Clock	Real time clock: Week number 1-53
QSystem.Date	X	507		Real Time Clock	Real time clock: Day of month 1-31
QSystem.Month	X	508		Real Time Clock	Real time clock: Month 1-12
QSystem.Year	X	509		Real Time Clock	Real time clock: Year 0-99
AlaData.Ala_Malfunc-tionSAF1_DelayValue	I	510	120 sec	Settings, Alarm Delays	Malfunction SAF 1 alarm delay
AlaData.Ala_Malfunc-tionSAF2_DelayValue	I	511	120 sec	Settings, Alarm Delays	Malfunction SAF 2 alarm delay
AlaData.Ala_Malfunc-tionSAF3_DelayValue	I	512	120 sec	Settings, Alarm Delays	Malfunction SAF 3 alarm delay
AlaData.Ala_Malfunc-tionSAF4_DelayValue	I	513	120 sec	Settings, Alarm Delays	Malfunction SAF 4 alarm delay
AlaData.Ala_Malfunc-tionSAF5_DelayValue	I	514	120 sec	Settings, Alarm Delays	Malfunction SAF 5 alarm delay
AlaData.Ala_Malfunctio-nEAF1_DelayValue	I	515	120 sec	Settings, Alarm Delays	Malfunction EAF 1 alarm delay
AlaData.Ala_Malfunctio-nEAF2_DelayValue	I	516	120 sec	Settings, Alarm Delays	Malfunction EAF 2 alarm delay
AlaData.Ala_Malfunctio-nEAF3_DelayValue	I	517	120 sec	Settings, Alarm Delays	Malfunction EAF 3 alarm delay
AlaData.Ala_Malfunctio-nEAF4_DelayValue	I	518	120 sec	Settings, Alarm Delays	Malfunction EAF 4 alarm delay
AlaData.Ala_Malfunctio-nEAF5_DelayValue	I	519	120 sec	Settings, Alarm Delays	Malfunction EAF 5 alarm delay
AlaData.Ala_AlarmSAF1_ DelayValue	I	520	0	Settings, Alarm Delays	Alarm frequency converter SAF 1 alarm delay
AlaData.Ala_AlarmSAF2_ DelayValue	I	521	0	Settings, Alarm Delays	Alarm frequency converter SAF 2 alarm delay
AlaData.Ala_AlarmSAF3_ DelayValue	I	522	0	Settings, Alarm Delays	Alarm frequency converter SAF 3 alarm delay
AlaData.Ala_AlarmSAF4_ DelayValue	I	523	0	Settings, Alarm Delays	Alarm frequency converter SAF 4 alarm delay
AlaData.Ala_AlarmSAF5_ DelayValue	I	524	0	Settings, Alarm Delays	Alarm frequency converter SAF 5 alarm delay
AlaData.Ala_AlarmEAF1_ DelayValue	I	525	0	Settings, Alarm Delays	Alarm frequency converter EAF 1 alarm delay
AlaData.Ala_AlarmEAF2_ DelayValue	I	526	0	Settings, Alarm Delays	Alarm frequency converter EAF 2 alarm delay
AlaData.Ala_AlarmEAF3_ DelayValue	I	527	0	Settings, Alarm Delays	Alarm frequency converter EAF 3 alarm delay
AlaData.Ala_AlarmEAF4_ DelayValue	I	528	0	Settings, Alarm Delays	Alarm frequency converter EAF 4 alarm delay
AlaData.Ala_AlarmEAF5_ DelayValue	I	529	0	Settings, Alarm Delays	Alarm frequency converter EAF 5 alarm delay
AlaData.Ala_WarningSAF1_ DelayValue	I	530	0	Settings, Alarm Delays	Warning frequency converter SAF 1 alarm delay

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_WarningSAF2_DelayValue	I	531	0	Settings, Alarm Delays	Warning frequency converter SAF 2 alarm delay
AlaData.Ala_WarningSAF3_DelayValue	I	532	0	Settings, Alarm Delays	Warning frequency converter SAF 3 alarm delay
AlaData.Ala_WarningSAF4_DelayValue	I	533	0	Settings, Alarm Delays	Warning frequency converter SAF 4 alarm delay
AlaData.Ala_WarningSAF5_DelayValue	I	534	0	Settings, Alarm Delays	Warning frequency converter SAF 5 alarm delay
AlaData.Ala_WarningEAF1_DelayValue	I	535	0	Settings, Alarm Delays	Warning frequency converter EAF 1 alarm delay
AlaData.Ala_WarningEAF2_DelayValue	I	536	0	Settings, Alarm Delays	Warning frequency converter EAF 2 alarm delay
AlaData.Ala_WarningEAF3_DelayValue	I	537	0	Settings, Alarm Delays	Warning frequency converter EAF 3 alarm delay
AlaData.Ala_WarningEAF4_DelayValue	I	538	0	Settings, Alarm Delays	Warning frequency converter EAF 4 alarm delay
AlaData.Ala_WarningEAF5_DelayValue	I	539	0	Settings, Alarm Delays	Warning frequency converter EAF 5 alarm delay
AlaData.Ala_External-RunSAF_DelayValue	I	540	120 sec	Settings, Alarm Delays	External operation SAF alarm delay
AlaData.Ala_ExternalRu-nEAF_DelayValue	I	541	120 sec	Settings, Alarm Delays	External operation EAF alarm delay
AlaData.Ala_ExternalRun-Motor1_DelayValue	I	542	120 sec	Settings, Alarm Delays	Motor control 1 external oper-ation alarm delay
AlaData.Ala_ExternalRun-Motor2_DelayValue	I	543	120 sec	Settings, Alarm Delays	Motor control 2 external oper-ation alarm delay
AlaData.Ala_MalfunctionPum-pHeater_DelayValue	I	544	5 sec	Settings, Alarm Delays	Malfunction pump heater alarm delay
AlaData.Ala_Malfunction-PumpCooler_DelayValue	I	545	5 sec	Settings, Alarm Delays	Malfunction pump cooler alarm delay
AlaData.Ala_MalfunctionPum-pExchanger_DelayValue	I	546	20 sec	Settings, Alarm Delays	Malfunction pump exchanger alarm delay
AlaData.Ala_MalfunctionFir-eDamper_DelayValue	I	547	5 sec	Settings, Alarm Delays	Malfunction fire damper alarm delay
AlaData.Ala_Malfunc-tionDamper_DelayValue	I	548	90 sec	Settings, Alarm Delays	Malfunction damper alarm delay
AlaData.Ala_Malfunction-Motor1_DelayValue	I	549	120 sec	Settings, Alarm Delays	Malfunction motor control 1 alarm delay
AlaData.Ala_Malfunction-Motor2_DelayValue	I	550	120 sec	Settings, Alarm Delays	Malfunction motor control 1 alarm delay
AlaData.Ala_FireDamperExer-ciseStop_DelayValue	I	551	0	Settings, Alarm Delays	Fire damper exercise stop alarm delay
AlaData.Ala_Malfunction-PumpSequence1_DelayValue	I	552	5 sec	Settings, Alarm Delays	Malfunction pump seq. A alarm delay
AlaData.Ala_Malfunction-PumpSequence2_DelayValue	I	553	5 sec	Settings, Alarm Delays	Malfunction pump seq. B alarm delay
AlaData.Ala_Malfunction-PumpSequence3_DelayValue	I	554	5 sec	Settings, Alarm Delays	Malfunction pump seq. C alarm delay
AlaData.Ala_Malfunction-PumpSequence4_DelayValue	I	555	5 sec	Settings, Alarm Delays	Malfunction pump seq. D alarm delay
AlaData.Ala_Malfunction-PumpSequence5_DelayValue	I	556	5 sec	Settings, Alarm Delays	Malfunction pump seq. E alarm delay
AlaData.Ala_Malfunction-PumpSequence6_DelayValue	I	557	5 sec	Settings, Alarm Delays	Malfunction pump seq. F alarm delay

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_Malfunction-PumpSequence7_DelayValue	I	558	5 sec	Settings, Alarm Delays	Malfunction pump seq. G alarm delay
AlaData.Ala_Malfunction-PumpSequence8_DelayValue	I	559	5 sec	Settings, Alarm Delays	Malfunction pump seq. H alarm delay
AlaData.Ala_Malfunction-PumpSequence9_DelayValue	I	560	5 sec	Settings, Alarm Delays	Malfunction pump seq. I alarm delay
AlaData.Ala_Malfunction-PumpSequence10_ DelayValue	I	561	5 sec	Settings, Alarm Delays	Malfunction pump seq. J alarm delay
AlaData.Ala_FilterGuard1_ DelayValue	I	562	180 sec	Settings, Alarm Delays	Filter guard 1 alarm delay
AlaData.Ala_FilterGuard2_ DelayValue	I	563	180 sec	Settings, Alarm Delays	Filter guard 2 alarm delay
AlaData.Ala_FlowGuard_ DelayValue	I	564	5 sec	Settings, Alarm Delays	Flow guard alarm delay
AlaData.Ala_ExternalFrost-Guard_DelayValue	I	565	0	Settings, Alarm Delays	External frost guard alarm delay
AlaData.Ala_DeicingGuard_ DelayValue	I	566	0	Settings, Alarm Delays	Deicing pressure guard alarm delay
AlaData.Ala_FireAlarm_ DelayValue	I	567	0	Settings, Alarm Delays	Fire alarm alarm delay
AlaData.Ala_SmokeAlarm_ DelayValue	I	568	0	Settings, Alarm Delays	Smoke detector alarm alarm delay
AlaData.Ala_ExternalSwitch_ DelayValue	I	569	0	Settings, Alarm Delays	External switch alarm delay
AlaData.Ala_ExternalAlarm_ DelayValue	I	570	0	Settings, Alarm Delays	External alarm alarm delay
AlaData.Ala_ServiceStop_ DelayValue	I	571	0	Settings, Alarm Delays	Service stop alarm delay
AlaData.Ala_ElectricOver-heat_DelayValue	I	572	0	Settings, Alarm Delays	Electric heating is overheated alarm delay
AlaData.Ala_FrostRisk_ DelayValue	I	573	0	Settings, Alarm Delays	Frost risk alarm delay
AlaData.Ala_LowEfficiency_ DelayValue	I	574	30 min	Settings, Alarm Delays	Low efficiency alarm delay
AlaData.Ala_Analogue-Deicing_DelayValue	I	575	2	Settings, Alarm Delays	Analogue deicing alarm delay
AlaData.Ala_Rotationguar-dExchanger_DelayValue	I	576	20 sec	Settings, Alarm Delays	Rotation guard exchanger alarm delay
AlaData.Ala_ExtraAlarm1_ DelayValue	I	577	0	Settings, Alarm Delays	Extra alarm 1 alarm delay
AlaData.Ala_ExtraAlarm2_ DelayValue	I	578	0	Settings, Alarm Delays	Extra alarm 2 alarm delay
AlaData.Ala_ExtraAlarm3_ DelayValue	I	579	0	Settings, Alarm Delays	Extra alarm 3 alarm delay
AlaData.Ala_ExtraAlarm4_ DelayValue	I	580	0	Settings, Alarm Delays	Extra alarm 4 alarm delay
AlaData.Ala_ExtraAlarm5_ DelayValue	I	581	0	Settings, Alarm Delays	Extra alarm 5 alarm delay
AlaData.Ala_ExtraAlarm6_ DelayValue	I	582	0	Settings, Alarm Delays	Extra alarm 6 alarm delay
AlaData.Ala_ExtraAlarm7_ DelayValue	I	583	0	Settings, Alarm Delays	Extra alarm 7 alarm delay

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_ExtraAlarm8_ DelayValue	I	584	0	Settings, Alarm Delays	Extra alarm 8 alarm delay
AlaData.Ala_ExtraAlarm9_ DelayValue	I	585	0	Settings, Alarm Delays	Extra alarm 9 alarm delay
AlaData.Ala_ExtraAlarm10_ DelayValue	I	586	0	Settings, Alarm Delays	Extra alarm 10 alarm delay
AlaData.Ala_BatteryFail_ DelayValue	I	587	0	Settings, Alarm Delays	Internal battery error alarm delay
AlaData.Ala_Service_ DelayValue	I	588	0	Settings, Alarm Delays	Time for service alarm delay
AlaData.Ala_RestartBlocked_ DelayValue	I	589	0	Settings, Alarm Delays	Restart blocked after power on alarm delay
AlaData.Ala_ControlErrorSup-plyTemp_DelayValue	I	590	30 min	Settings, Alarm Delays	Supply air temp control error alarm delay
AlaData.Ala_ControlEr-rorSAF_DelayValue	I	591	30 min	Settings, Alarm Delays	SAF control error alarm delay
AlaData.Ala_ControlEr-rorEAF_DelayValue	I	592	30 min	Settings, Alarm Delays	EAF control error alarm delay
AlaData.Ala_ControlErrorHu-midity_DelayValue	I	593	30 min	Settings, Alarm Delays	Humidity control error alarm delay
AlaData.Ala_ControlErrorEx-traController_DelayValue	I	594	30 min	Settings, Alarm Delays	Extra controller control error alarm delay
AlaData.Ala_HighTemp-Supply_DelayValue	I	595	5 sec	Settings, Alarm Delays	High supply air temp alarm delay
AlaData.Ala_LowTemp-Supply_DelayValue	I	596	5 sec	Settings, Alarm Delays	Low supply air temp alarm delay
AlaData.Ala_MaxLimitTemp-Supply_DelayValue	I	597	0	Settings, Alarm Delays	Supply air temp max limit alarm delay
AlaData.Ala_MinLimitTemp-Supply_DelayValue	I	598	0	Settings, Alarm Delays	Supply air temp min limit alarm delay
AlaData.Ala_HighTemp-Room_DelayValue	I	599	30 min	Settings, Alarm Delays	High room temp alarm delay
AlaData.Ala_LowTempRoom_ DelayValue	I	600	30 min	Settings, Alarm Delays	Low room temp alarm delay
AlaData.Ala_HighTempEx-tract_DelayValue	I	601	30 min	Settings, Alarm Delays	High extract air temp alarm delay
AlaData.Ala_LowTempEx-tract_DelayValue	I	602	30 min	Settings, Alarm Delays	Low extract air temp alarm delay
AlaData.Ala_HighTempOut-door_DelayValue	I	603	0	Settings, Alarm Delays	High outdoor air temp alarm delay
AlaData.Ala_LowTempOut-door_DelayValue	I	604	0	Settings, Alarm Delays	Low outdoor air temp alarm delay
AlaData.Ala_LowTempFrost-Guard1_DelayValue	I	605	0	Settings, Alarm Delays	Low frost guard temp 1 alarm delay
AlaData.Ala_LowTempFrost-Guard2_DelayValue	I	606	0	Settings, Alarm Delays	Low frost guard temp 2 alarm delay
AlaData.Ala_LowTempFrost-Guard3_DelayValue	I	607	0	Settings, Alarm Delays	Low frost guard temp 3 alarm delay
AlaData.Ala_HighTempExtra-Sensor1_DelayValue	I	608	0	Settings, Alarm Delays	High temp extra sensor 1 alarm delay
AlaData.Ala_LowTempExtra-Sensor1_DelayValue	I	609	0	Settings, Alarm Delays	Low temp extra sensor 1 alarm delay
AlaData.Ala_HighTempExtra-Sensor2_DelayValue	I	610	0	Settings, Alarm Delays	High temp extra sensor 2 alarm delay

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_LowTempExtra-Sensor2_DelayValue	I	611	0	Settings, Alarm Delays	Low temp extra sensor 2 alarm delay
AlaData.Ala_HighTempExtra-Sensor3_DelayValue	I	612	0	Settings, Alarm Delays	High temp extra sensor 3 alarm delay
AlaData.Ala_LowTempExtra-Sensor3_DelayValue	I	613	0	Settings, Alarm Delays	Low temp extra sensor 3 alarm delay
AlaData.Ala_HighTempExtra-Sensor4_DelayValue	I	614	0	Settings, Alarm Delays	High temp extra sensor 4 alarm delay
AlaData.Ala_LowTempExtra-Sensor4_DelayValue	I	615	0	Settings, Alarm Delays	Low temp extra sensor 4 alarm delay
AlaData.Ala_HighTempExtra-Sensor5_DelayValue	I	616	0	Settings, Alarm Delays	High temp extra sensor 5 alarm delay
AlaData.Ala_LowTempExtra-Sensor5_DelayValue	I	617	0	Settings, Alarm Delays	Low temp extra sensor 5 alarm delay
AlaData.Ala_HighTempSelec-tedSensor1_DelayValue	I	618	0	Settings, Alarm Delays	High temp selected sensor 1 alarm delay
AlaData.Ala_LowTempSelec-tedSensor1_DelayValue	I	619	0	Settings, Alarm Delays	Low temp selected sensor 1 alarm delay
AlaData.Ala_HighTempSelec-tedSensor2_DelayValue	I	620	0	Settings, Alarm Delays	High temp selected sensor 2 alarm delay
AlaData.Ala_LowTempSelec-tedSensor2_DelayValue	I	621	0	Settings, Alarm Delays	Low temp selected sensor 2 alarm delay
AlaData.Ala_ManualContro-lUnit_DelayValue	I	622	0	Settings, Alarm Delays	Manual control air unit alarm delay
AlaData.Ala_ManualControl-Supply_DelayValue	I	623	0	Settings, Alarm Delays	Manual control supply air alarm delay
AlaData.Ala_ManualCon-trolSAF_DelayValue	I	624	0	Settings, Alarm Delays	Manual control SAF alarm delay
AlaData.Ala_ManualContro-lEAF_DelayValue	I	625	0	Settings, Alarm Delays	Manual control EAF alarm delay
AlaData.Ala_ManualControl-Heater_DelayValue	I	626	0	Settings, Alarm Delays	Manual control heater alarm delay
AlaData.Ala_ManualContro-lExchanger_DelayValue	I	627	0	Settings, Alarm Delays	Manual control exchanger alarm delay
AlaData.Ala_ManualControl-Cooler_DelayValue	I	628	0	Settings, Alarm Delays	Manual control cooler alarm delay
AlaData.Ala_ManualCon-trolDamper_DelayValue	I	629	0	Settings, Alarm Delays	Manual control damper alarm delay
AlaData.Ala_ManualControl-PumpHeater_DelayValue	I	630	0	Settings, Alarm Delays	Manual control heater pump alarm delay
AlaData.Ala_ManualControl-PumpExchanger_DelayValue	I	631	0	Settings, Alarm Delays	Manual control exchanger pump alarm delay
AlaData.Ala_ManualControl-PumpCooler_DelayValue	I	632	0	Settings, Alarm Delays	Manual control cooler pump alarm delay
AlaData.Ala_ManualControl-DamperRecirculation_DelayValue	I	633	0	Settings, Alarm Delays	Manual control recirculation air damper alarm delay
AlaData.Ala_ManualControl-DamperOutdoor_DelayValue	I	634	0	Settings, Alarm Delays	Manual control fresh air damper alarm delay
AlaData.Ala_ManualControl-DamperExhaust_DelayValue	I	635	0	Settings, Alarm Delays	Manual control exhaust air damper alarm delay
AlaData.Ala_ManualControl-DamperFire_DelayValue	I	636	0	Settings, Alarm Delays	Manual control fire damper alarm delay

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_ManualControl-Sequence1_DelayValue	I	637	0	Settings, Alarm Delays	Manual control seq. A alarm delay
AlaData.Ala_ManualControl-Sequence2_DelayValue	I	638	0	Settings, Alarm Delays	Manual control seq. B alarm delay
AlaData.Ala_ManualControl-Sequence3_DelayValue	I	639	0	Settings, Alarm Delays	Manual control seq. C alarm delay
AlaData.Ala_ManualControl-Sequence4_DelayValue	I	640	0	Settings, Alarm Delays	Manual control seq. D alarm delay
AlaData.Ala_ManualControl-Sequence5_DelayValue	I	641	0	Settings, Alarm Delays	Manual control seq. E alarm delay
AlaData.Ala_ManualControl-Sequence6_DelayValue	I	642	0	Settings, Alarm Delays	Manual control seq. F alarm delay
AlaData.Ala_ManualControl-Sequence7_DelayValue	I	643	0	Settings, Alarm Delays	Manual control seq. G alarm delay
AlaData.Ala_ManualControl-Sequence8_DelayValue	I	644	0	Settings, Alarm Delays	Manual control seq. H alarm delay
AlaData.Ala_ManualControl-Sequence9_DelayValue	I	645	0	Settings, Alarm Delays	Manual control seq. I alarm delay
AlaData.Ala_ManualControl-Sequence10_DelayValue	I	646	0	Settings, Alarm Delays	Manual control seq. J alarm delay
AlaData.Ala_ManualContro-lOutput_DelayValue	I	647	0	Settings, Alarm Delays	Output in manual control alarm delay
AlaData.Ala_ManualContro-lInput_DelayValue	I	648	0	Settings, Alarm Delays	Input in manual control alarm delay
AlaData.Ala_ManualContro-lExtraController_DelayValue	I	649	0	Settings, Alarm Delays	Manual control extra controller alarm delay
AlaData.Ala_ManualControl-Motor1_DelayValue	I	650	0	Settings, Alarm Delays	Manual control motor control 1 alarm delay
AlaData.Ala_ManualControl-Motor2_DelayValue	I	651	0	Settings, Alarm Delays	Manual control motor control 2 alarm delay
AlaData.Ala_ManualControl-Pretreatment_DelayValue	I	652	0	Settings, Alarm Delays	Manual control pretreatment alarm delay
AlaData.Ala_SensorErrorTem-pOutdoor_DelayValue	I	653	5 sec	Settings, Alarm Delays	Sensor error outdoor air temp alarm delay
AlaData.Ala_SensorErrorTem-pIntake_DelayValue	I	654	5 sec	Settings, Alarm Delays	Sensor error intake air temp alarm delay
AlaData.Ala_SensorError-TempSupply_DelayValue	I	655	5 sec	Settings, Alarm Delays	Sensor error supply air temp alarm delay
AlaData.Ala_SensorErrorTem-pExhaust_DelayValue	I	656	5 sec	Settings, Alarm Delays	Sensor error exhaust air temp alarm delay
AlaData.Ala_SensorErrorTem-pExtract_DelayValue	I	657	5 sec	Settings, Alarm Delays	Sensor error extract air temp alarm delay
AlaData.Ala_SensorError-TempRoom1_DelayValue	I	658	5 sec	Settings, Alarm Delays	Sensor error room temp 1 alarm delay
AlaData.Ala_SensorError-TempRoom2_DelayValue	I	659	5 sec	Settings, Alarm Delays	Sensor error room temp 2 alarm delay
AlaData.Ala_SensorError-TempRoom3_DelayValue	I	660	5 sec	Settings, Alarm Delays	Sensor error room temp 3 alarm delay
AlaData.Ala_SensorError-TempRoom4_DelayValue	I	661	5 sec	Settings, Alarm Delays	Sensor error room temp 4 alarm delay
AlaData.Ala_SensorError-TempRoom5_DelayValue	I	662	5 sec	Settings, Alarm Delays	Sensor error room temp 5 alarm delay
AlaData.Ala_SensorError-TempRoom6_DelayValue	I	663	5 sec	Settings, Alarm Delays	Sensor error room temp 6 alarm delay

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_SensorError-TempRoom7_DelayValue	I	664	5 sec	Settings, Alarm Delays	Sensor error room temp 7 alarm delay
AlaData.Ala_SensorError-TempRoom8_DelayValue	I	665	5 sec	Settings, Alarm Delays	Sensor error room temp 8 alarm delay
AlaData.Ala_SensorError-TempRoom9_DelayValue	I	666	5 sec	Settings, Alarm Delays	Sensor error room temp 9 alarm delay
AlaData.Ala_SensorError-TempRoom10_DelayValue	I	667	5 sec	Settings, Alarm Delays	Sensor error room temp 10 alarm delay
AlaData.Ala_SensorError-TempRoom11_DelayValue	I	668	5 sec	Settings, Alarm Delays	Sensor error room temp 11 alarm delay
AlaData.Ala_SensorError-TempRoom12_DelayValue	I	669	5 sec	Settings, Alarm Delays	Sensor error room temp 12 alarm delay
AlaData.Ala_SensorError-TempRoom13_DelayValue	I	670	5 sec	Settings, Alarm Delays	Sensor error room temp 13 alarm delay
AlaData.Ala_SensorError-TempRoom14_DelayValue	I	671	5 sec	Settings, Alarm Delays	Sensor error room temp 14 alarm delay
AlaData.Ala_SensorError-TempRoom15_DelayValue	I	672	5 sec	Settings, Alarm Delays	Sensor error room temp 15 alarm delay
AlaData.Ala_SensorError-TempRoom16_DelayValue	I	673	5 sec	Settings, Alarm Delays	Sensor error room temp 16 alarm delay
AlaData.Ala_SensorError-PressureSAF_DelayValue	I	674	5 sec	Settings, Alarm Delays	Sensor error SAF pressure alarm delay
AlaData.Ala_SensorError-PressureEAF_DelayValue	I	675	5 sec	Settings, Alarm Delays	Sensor error EAF pressure alarm delay
AlaData.Ala_SensorError-FlowSAF_DelayValue	I	676	5 sec	Settings, Alarm Delays	Sensor error SAF flow alarm delay
AlaData.Ala_SensorErrorFlowEAF_DelayValue	I	677	5 sec	Settings, Alarm Delays	Sensor error EAF flow alarm delay
AlaData.Ala_SensorPressureExchangerSAF_DelayValue	I	678	5 sec	Settings, Alarm Delays	Sensor error exchanger pressure SAF alarm delay
AlaData.Ala_SensorPressureExchangerEAF_DelayValue	I	679	5 sec	Settings, Alarm Delays	Sensor error exchanger pressure EAF alarm delay
AlaData.Ala_SensorError-TempDeicing_DelayValue	I	680	5 sec	Settings, Alarm Delays	Sensor error deicing temp alarm delay
AlaData.Ala_SensorError-TempFrost1_DelayValue	I	681	5 sec	Settings, Alarm Delays	Sensor error frost protection 1 alarm delay
AlaData.Ala_SensorError-TempFrost2_DelayValue	I	682	5 sec	Settings, Alarm Delays	Sensor error frost protection 2 alarm delay
AlaData.Ala_SensorError-TempFrost3_DelayValue	I	683	5 sec	Settings, Alarm Delays	Sensor error frost protection 3 alarm delay
AlaData.Ala_SensorErrorCO2_DelayValue	I	684	5 sec	Settings, Alarm Delays	Sensor error CO2 alarm delay
AlaData.Ala_SensorErrorHumidityRoom_DelayValue	I	685	5 sec	Settings, Alarm Delays	Sensor error humidity room alarm delay
AlaData.Ala_SensorErrorHumidityDuct_DelayValue	I	686	5 sec	Settings, Alarm Delays	Sensor error humidity duct alarm delay
AlaData.Ala_SensorErrorTempExtraController_DelayValue	I	687	5 sec	Settings, Alarm Delays	Sensor error extra controller alarm delay
AlaData.Ala_SensorError-ExtCtrlSAF_DelayValue	I	688	5 sec	Settings, Alarm Delays	Sensor error external control SAF alarm delay
AlaData.Ala_SensorError-ExtCtrlEAF_DelayValue	I	689	5 sec	Settings, Alarm Delays	Sensor error external control EAF alarm delay
AlaData.Ala_SensorErrorHumidityOutdoor_DelayValue	I	690	5 sec	Settings, Alarm Delays	Sensor error outdoor humidity alarm delay

Signal name	EXOL type	Modbus address	Default value	Function	Description
AlaData.Ala_SensorErrorTempExtraSensor1_DelayValue	I	691	5 sec	Settings, Alarm Delays	Sensor error extra sensor 1 alarm delay
AlaData.Ala_SensorErrorTempExtraSensor2_DelayValue	I	692	5 sec	Settings, Alarm Delays	Sensor error extra sensor 2 alarm delay
AlaData.Ala_SensorErrorTempExtraSensor3_DelayValue	I	693	5 sec	Settings, Alarm Delays	Sensor error extra sensor 3 alarm delay
AlaData.Ala_SensorErrorTempExtraSensor4_DelayValue	I	694	5 sec	Settings, Alarm Delays	Sensor error extra sensor 4 alarm delay
AlaData.Ala_SensorErrorTempExtraSensor5_DelayValue	I	695	5 sec	Settings, Alarm Delays	Sensor error extra sensor 5 alarm delay
AlaData.Ala_SensorErrorExtSupplySetp_DelayValue	I	696	5 sec	Settings, Alarm Delays	Sensor error external supply setpoint alarm delay
AlaData.Ala_SensorErrorExtFlowSetpoint_DelayValue	I	697	5 sec	Settings, Alarm Delays	Sensor error external flow setpoint alarm delay
AlaData.Ala_SensorErrorFilterGuard1_DelayValue	I	698	5 sec	Settings, Alarm Delays	Sensor error filter guard 1 alarm delay
AlaData.Ala_SensorErrorFilterGuard2_DelayValue	I	699	5 sec	Settings, Alarm Delays	Sensor error filter guard 2 alarm delay
AlaData.Ala_SensorErrorTempEfficiency_DelayValue	I	700	5 sec	Settings, Alarm Delays	Sensor error efficiency temp alarm delay
AlaData.Ala_CommErrorDevice_DelayValue	I	701	0 sec	Settings, Alarm Delays	Fault communication device
AlaData.Ala_MalfunctionExtraController_DelayValue	I	702	5 sec	Settings, Alarm Delays	Malfunction Extra Controller
AlaData.Ala_InternalError_DelayValue	I	703	60 sec	Settings, Alarm Delays	Internal error
VentSettings.S_AirFlowK(22)	R	760	100	SAF/EAF Pressure and Flow	K-constant for counting air flow: SAF pressure airflow = S_AirFlowK * A_AI_SAFPressure^S_AirFlowx
VentSettings.S_AirFlowX(22)	R	761	0.5	SAF/EAF Pressure and Flow	X-constant for counting air flow: SAF pressure
VentSettings.S_AirFlowK(23)	R	762	100	SAF/EAF Pressure and Flow	K-constant for counting air flow: EAF pressure
VentSettings.S_AirFlowX(23)	R	763	0.5	SAF/EAF Pressure and Flow	X-constant for counting air flow: EAF pressure
VentSettings.S_AirFlowK(24)	R	764	100	SAF/EAF Pressure and Flow	K-constant for counting air flow: SAF flow
VentSettings.S_AirFlowX(24)	R	765	0.5	SAF/EAF Pressure and Flow	X-constant for counting air flow: SAF flow
VentSettings.S_AirFlowK(25)	R	766	100	SAF/EAF Pressure and Flow	K-constant for counting air flow: EAF flow
VentSettings.S_AirFlowX(25)	R	767	0.5	SAF/EAF Pressure and Flow	X-constant for counting air flow: EAF flow
VentSettings.S_AirFlowK(26)	R	768	100	SAF/EAF Pressure and Flow	K-constant for counting air flow: Exch SAF pressure
VentSettings.S_AirFlowX(26)	R	769	0.5	SAF/EAF Pressure and Flow	X-constant for counting air flow: Exch SAF pressure
VentSettings.S_AirFlowK(27)	R	770	100	SAF/EAF Pressure and Flow	K-constant for counting air flow: Exch EAF pressure
VentSettings.S_AirFlowX(27)	R	771	0.5	SAF/EAF Pressure and Flow	X-constant for counting air flow: Exch EAF pressure

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_DOSelect_ SeqPumpY1(0)	X	772	2	Manual/Auto	Running mode pump sequence A 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ SeqPumpY2	X	773	2	Manual/Auto	Running mode pump sequence B 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ SeqPumpY3	X	774	2	Manual/Auto	Running mode pump sequence C 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ SeqPumpY4	X	775	2	Manual/Auto	Running mode pump sequence D 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ SeqPumpY5	X	776	2	Manual/Auto	Running mode pump sequence E 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ SeqPumpY6	X	777	2	Manual/Auto	Running mode pump sequence F 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ SeqPumpY7	X	778	2	Manual/Auto	Running mode pump sequence G 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ SeqPumpY8	X	779	2	Manual/Auto	Running mode pump sequence H 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ SeqPumpY9	X	780	2	Manual/Auto	Running mode pump sequence I 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ SeqPumpY10	X	781	2	Manual/Auto	Running mode pump sequence J 0=Manual off 1=Manual on 2=Auto
VentSettings.S_DOSelect_ RecirculationAirDamper	X	782	2	Manual/Auto	Running mode recirculation damper: 0=Close 1=Open 2=Auto

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_DOSelect_ OutdoorAirDamper	X	783	2	Manual/Auto	Running mode fresh air damper: 0=Close 1=Open 2=Auto
VentSettings.S_DOSelect_ ExhaustAirDamper	X	784	2	Manual/Auto	Running mode exhaust air damper: 0=Close 1=Open 2=Auto
VentSettings.S_DOSelect_ HumidityStart	X	785	2	Manual/Auto	Running mode humidity start signal 0=Off 1=On 2=Auto
VentSettings.S_DOSelect_ ChangeOver1	X	786	2	Settings, General	Select changeOver 1 External 0=Heating 1=Cooling 2=Auto
VentSettings.S_DOSelect_ ChangeOver2	X	787	2	Settings, General	Select changeOver 2 External 0=Heating 1=Cooling 2=Auto
VentSettings.S_ AirUnitAutoMode	X	788	3	Manual/Auto	Running mode air unit: 0=Off 1=Manual 2=Auto 3=Low speed 4=Normal speed 5=High speed
VentSettings.S_AirUnitManual	X	789	0	Manual/Auto	Manual setting for Air unit in manual mode 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=CO2 Run 8=Free cool run 9=Fan stop run 10=Fire run 11=Smoke run 12=Recirculation run 13=DeIcing run
VentSettings.S_ SAFAutoMode	X	790	2	Manual/Auto	Running mode SAF: 0=Off 1=Manual output 2=Auto 3=Manual setpoint 4=Low speed 5=Normal speed 6=High speed
VentSettings.S_ SAFManualSetpoint	R	791	0	Manual/Auto	Manual setpoint SAF if manual mode (pressure/flow) Scale factor = 1

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_ SAFManualOutput	R	792	0	Manual/Auto	Manual output SAF if manual mode
VentSettings.S_ EAFAutoMode	X	793	2	Manual/Auto	Running mode EAF: 0=Off 1=Manual output 2=Auto 3=Manual setpoint 4=Low speed 5=Normal speed 6=High speed
VentSettings.S_ EAFManualSetpoint	R	794	0	Manual/Auto	Manual setpoint EAF if manual mode (pressure/flow) Scale factor = 1
VentSettings.S_ EAFManualOutput	R	795	0	Manual/Auto	Manual output EAF if manual mode
VentSettings.S_ ExternalControl	X	796	0	Manual/Auto	External control: 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
VentSettings.S_ AirUnitServiceStop	X	797	0	Manual/Auto	Stop the air unit with No 1 prio. 0= no 1= yes
VentSettings.S_SeqPumpOut-dLimitYx(1)	R	798	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence A
VentSettings.S_SeqPumpOut-dLimitYx(2)	R	799	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence B
VentSettings.S_SeqPumpOut-dLimitYx(3)	R	800	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence C
VentSettings.S_SeqPumpOut-dLimitYx(4)	R	801	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence D
VentSettings.S_SeqPumpOut-dLimitYx(5)	R	802	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence E
VentSettings.S_SeqPumpOut-dLimitYx(6)	R	803	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence F
VentSettings.S_SeqPumpOut-dLimitYx(7)	R	804	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence G
VentSettings.S_SeqPumpOut-dLimitYx(8)	R	805	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence H
VentSettings.S_SeqPumpOut-dLimitYx(9)	R	806	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence I
VentSettings.S_SeqPumpOut-dLimitYx(10)	R	807	10°C	Actual/Setpoint	Pump outdoor temperature limit sequence J

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_VentControl	X	808	0	Settings, General	Select temperature control mode: 0=Const.supply air 1=Outdoor compensated supply air 2=Cascade room temp control 3=Extract temp control 4=Outdoor dependent supply or room temp 5=Outdoor dependent supply or extract temp 6=Cascade outdoor compen-sated room temp control 7=Cascade outdoor compen-sated extract temp control 8=Extract air depending supply air temperature
VentSettings.S_FanType	X	809	0	Settings, General	Select fan control mode: 0=Frequency control pressure 1=Frequency control air flow 2=Frequency control manually 3=Direct Frequency control 4=Frequency control with slave controlled EAF 5=Frequency control with slave controlled EAF air flow depending 6=Frequency control with slave controlled SAF 7=Frequency control with slave controlled SAF air flow depending
VentSettings.S_FuncRe-served(0)	X	810	0	Settings, General	Reserved, not used
VentSettings.S_ SupplySetpoint	R	811	18°C	Supply,Extract and Room temperatures	Setpoint supply air tempera-ture when constant supply air temperature function
VentSettings.S_ ExtractSetpoint	R	812	21°C	Supply,Extract and Room temperatures	Setpoint Extract air temp if Extract air temp control function
VentSettings.S_ SupplySetpointMax	R	813	30 °C	Supply,Extract and Room temperatures	Max limit of supply setpoint when cascade control
VentSettings.S_ SupplySetpointMin	R	814	12 °C	Supply,Extract and Room temperatures	Min limit of supply setpoint when cascade control
VentSettings.S_ SupplySetpOffsetLow	R	815	0	Actual/Setpoint	Temperature Setpoint Offset in low speed
VentSettings.S_ SupplySetpOffsetHigh	R	816	0	Actual/Setpoint	Temperature Setpoint Offset in high speed
VentSettings.S_Curve1_X1	R	817	-20°C	Supply,Extract and Room temperatures	Outdoortemp for first curve-point for outdoor compensated setpoint
VentSettings.S_Curve1_X2	R	818	-15°C	Supply,Extract and Room temperatures	Outdoortemp for second curvepoint for outdoor compensated setpoint
VentSettings.S_Curve1_X3	R	819	-10°C	Supply,Extract and Room temperatures	Outdoortemp for third curve-point for outdoor compensated setpoint
VentSettings.S_Curve1_X4	R	820	-5°C	Supply,Extract and Room temperatures	Outdoortemp for fourth curve-point for outdoor compensated setpoint

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_Curve1_X5	R	821	0°C	Supply,Extract and Room temperatures	Outdoortemp for fifth curve-point for outdoor compensated setpoint
VentSettings.S_Curve1_X6	R	822	5°C	Supply,Extract and Room temperatures	Outdoortemp for sixth curve-point for outdoor compensated setpoint
VentSettings.S_Curve1_X7	R	823	10°C	Supply,Extract and Room temperatures	Outdoortemp for seventh curvepoint for outdoor compensated setpoint
VentSettings.S_Curve1_X8	R	824	15°C	Supply,Extract and Room temperatures	Outdoortemp for eighth curve-point for outdoor compensated setpoint
VentSettings.S_Curve1_Y1	R	825	25°C	Supply,Extract and Room temperatures	Setpoint for first curvepoint for outdoor compensated setpoint
VentSettings.S_Curve1_Y2	R	826	24°C	Supply,Extract and Room temperatures	Setpoint for second curvepoint for outdoor compensated setpoint
VentSettings.S_Curve1_Y3	R	827	23°C	Supply,Extract and Room temperatures	Setpoint for third curvepoint for outdoor compensated setpoint
VentSettings.S_Curve1_Y4	R	828	23°C	Supply,Extract and Room temperatures	Setpoint for fourth curvepoint for outdoor compensated setpoint
VentSettings.S_Curve1_Y5	R	829	22°C	Supply,Extract and Room temperatures	Setpoint for fifth curvepoint for outdoor compensated setpoint
VentSettings.S_Curve1_Y6	R	830	20°C	Supply,Extract and Room temperatures	Setpoint for sixthcurvepoint for outdoor compensated setpoint
VentSettings.S_Curve1_Y7	R	831	18°C	Supply,Extract and Room temperatures	Setpoint for seventh curve-point for outdoor compensated setpoint
VentSettings.S_Curve1_Y8	R	832	18°C	Supply,Extract and Room temperatures	Setpoint for eighth curvepoint for outdoor compensated setpoint
VentSettings.S_ SAFSetpointSelect	X	833	0	Settings	SAF setpoint select: 0=Constant setpoints 1= offset of normal speed setpoint
VentSettings.S_ EAFSetpointSelect	X	834	0	Settings	EAF setpoint select: 0=Constant setpoints 1= offset of normal speed setpoint
VentSettings.S_SAFLow-SpeedPressure(0)	R	835	250Pa	SAF/EAF Pressure and Flow	Setpoint low speed supply air fan pressure. Scale factor = 1
VentSettings.S_ SAFNormalSpeedPressure	R	836	500Pa	SAF/EAF Pressure and Flow	Setpoint normal speed supply air fan pressure. Scale factor = 1
VentSettings.S_ SAFHighSpeedPressure	R	837	750Pa	SAF/EAF Pressure and Flow	Setpoint high speed supply air fan pressure. Scale factor = 1
VentSettings.S_EAFLow-SpeedPressure(0)	R	838	250Pa	SAF/EAF Pressure and Flow	Setpoint low speed Extract air fan pressure. Scale factor = 1
VentSettings.S_ EAFNormalSpeedPressure	R	839	500Pa	SAF/EAF Pressure and Flow	Setpoint normal speed Extract air fan pressure. Scale factor = 1
VentSettings.S_ EAFHighSpeedPressure	R	840	750Pa	SAF/EAF Pressure and Flow	Setpoint high speed Extract air fan pressure. Scale factor = 1
VentSettings.S_SAFLowspee-dAirFlow(0)	R	841	1000 m3/h	SAF/EAF Pressure and Flow	Setpoint low speed supply air fan flow. Scale factor = 0.1

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_ SAFNormalspeedAirFlow	R	842	2000 m3/h	SAF/EAF Pressure and Flow	Setpoint normal speed supply air fan flow. Scale factor = 0.1
VentSettings.S_ SAFHighspeedAirFlow	R	843	3000 m3/h	SAF/EAF Pressure and Flow	Setpoint high speed supply air fan flow. Scale factor = 0.1
VentSettings.S_EAFLowspee-dAirFlow(0)	R	844	1000 m3/h	SAF/EAF Pressure and Flow	Setpoint low speed supply air fan flow. Scale factor = 0.1
VentSettings.S_ EAFNormalspeedAirFlow	R	845	2000 m3/h	SAF/EAF Pressure and Flow	Setpoint normal speed Extract air fan flow. Scale factor = 0.1
VentSettings.S_ EAFHighspeedAirFlow	R	846	3000 m3/h	SAF/EAF Pressure and Flow	Setpoint high speed Extract air fan flow. Scale factor = 0.1
VentSettings.S_SAFLow-SpeedOutput(0)	R	847	25%	SAF/EAF Pressure and Flow	Output signal low speed SAF if Frequency control manually
VentSettings.S_ SAFNormalSpeedOutput	R	848	50%	SAF/EAF Pressure and Flow	Output signal normal speed SAF if Frequency control manually
VentSettings.S_ SAFHighspeedOutput	R	849	75%	SAF/EAF Pressure and Flow	Output signal high speed SAF if Frequency control manually
VentSettings.S_EAFLow-SpeedOutput(0)	R	850	25%	SAF/EAF Pressure and Flow	Output signal low speed EAF if Frequency control manually
VentSettings.S_ EAFNormalSpeedOutput	R	851	50%	SAF/EAF Pressure and Flow	Output signal normal speed EAF if Frequency control manually
VentSettings.S_ EAFHighspeedOutput	R	852	75%	SAF/EAF Pressure and Flow	Output signal high speed EAF if Frequency control manually
VentSettings.S_ SAFModeFreeCool	X	865	0	Settings, Free cooling	SAF speed in freecool mode: 0=Off/Auto, normal setpoint, 1=Manual setpoint 2=Manual output 3=Low speed setpoint 4=Normal speed setpoint 5=High speed setpoint
VentSettings.S_ SAFManSetpFreeCool	R	866	0	Settings, Fire mode	SAF setpoint in freecool mode
VentSettings.S_ SAFManOutFreeCool	R	867	0	Settings, Fire mode	SAF manual output in freecool mode (%)
VentSettings.S_SAFModeFire	X	868	0	Settings, Fire mode	SAF speed in fire mode: 0=Off/Auto, normal setpoint, 1=Manual setpoint 2=Manual output 3=Low speed setpoint 4=Normal speed setpoint 5=High speed setpoint
VentSettings.S_ SAFManSetpFire	R	869	0	Settings, Fire mode	SAF setpoint in fire mode Scale factor = 1
VentSettings.S_ SAFManOutFire	R	870	0	Settings, Fire mode	SAF manual output in fire mode (%)
VentSettings.S_ SAFModeSmoke	X	871	0	Settings, Fire mode	SAF speed in smoke mode: 0=Off/Auto, normal setpoint, 1=Manual setpoint 2=Manual output 3=Low speed setpoint 4=Normal speed setpoint 5=High speed setpoint
VentSettings.S_ SAFManSetpSmoke	R	872	0	Settings, Fire mode	SAF setpoint in smoke mode Scale factor = 1

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_ SAFManOutSmoke	R	873	0	Settings, Fire mode	SAF manual output in smoke mode (%)
VentSettings.S_ SAFModeRecirculation	X	874	0	Settings, Fire mode	SAF speed in recirculation mode: 0=Off/Auto, normal setpoint, 1=Manual setpoint 2=Manual output 3=Low speed setpoint 4=Normal speed setpoint 5=High speed setpoint
VentSettings.S_ SAFManSetpRecirculation	R	875	0	Settings, Fire mode	SAF setpoint in recirculation mode
VentSettings.S_ SAFManOutRecirculation	R	876	0	Settings, Fire mode	SAF manual output in recircu-lation mode (%)
VentSettings.S_ EAFModeFreeCool	X	877	0	Settings, Free cooling	EAF speed in freecool mode: 0=Off/Auto, normal setpoint, 1=Manual setpoint 2=Manual output 3=Low speed setpoint 4=Normal speed setpoint 5=High speed setpoint
VentSettings.S_ EAFManSetpFreeCool	R	878	0	Settings, Fire mode	SAF setpoint in freecool mode
VentSettings.S_ EAFManOutFreeCool	R	879	0	Settings, Fire mode	EAF manual output in freecool mode (%)
VentSettings.S_EAFModeFire	X	880	0	Settings, Fire mode	EAF speed in fire mode: 0=Off/Auto, normal setpoint, 1=Manual setpoint 2=Manual output 3=Low speed setpoint 4=Normal speed setpoint 5=High speed setpoint
VentSettings.S_ EAFManSetpFire	R	881	0	Settings, Fire mode	EAF setpoint in fire mode Scale factor = 1
VentSettings.S_ EAFManOutFire	R	882	0	Settings, Fire mode	EAF manual output in fire mode (%)
VentSettings.S_ EAFModeSmoke	X	883	0	Settings, Fire mode	EAF speed in smoke mode: 0=Off/Auto, normal setpoint, 1=Manual setpoint 2=Manual output 3=Low speed setpoint 4=Normal speed setpoint 5=High speed setpoint
VentSettings.S_ EAFManSetpSmoke	R	884	0	Settings, Fire mode	EAF setpoint in smoke mode Scale factor = 1
VentSettings.S_ EAFManOutSmoke	R	885	0	Settings, Fire mode	EAF manual output in smoke mode (%)
VentSettings.S_ EAFModeRecirculation	X	886	0	Settings, Fire mode	EAF speed in recirculation mode: 0=Off/Auto, normal setpoint, 1=Manual setpoint 2=Manual output 3=Low speed setpoint 4=Normal speed setpoint 5=High speed setpoint
VentSettings.S_ EAFManSetpRecirculation	R	887	0	Settings, Fire mode	EAF setpoint in recirculation mode

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_ EAFManOutRecirculation	R	888	0	Settings, Fire mode	EAF manual output in recircu-lation mode (%)
VentSettings.S_ EAFFrequencyFact	R	889	1	SAF/EAF Pressure and Flow	Factor for controlling EAF if CAV fan control is configured (EAF is controlled by SAF with this factor)
VentSettings.S_ExtractPID_ Pband	R	890	100 °C	Settings, Control Temp	P-band Extract air control
VentSettings.S_ExtractPID_ Itime	R	891	300 sec	Settings, Control Temp	I-time Extract air control
VentSettings.S_SAFPID_ Pband	R	892	500 Pa	Settings, Control Pressure	P-band pressure control SAF
VentSettings.S_SAFAir-FlowPID_Pband	R	893	1000 m3/h	Settings, Control Flow	P-band flow control SAF. Scale factor = 0.1
VentSettings.S_SAFPID_Itime	R	894	60 sec	Settings, Control Pressure	I-time pressure control SAF
VentSettings.S_EAFPID_ Pband	R	895	500 Pa	Settings, Control Pressure	P-band pressure control EAF
VentSettings.S_EAFAir-FlowPID_Pband	R	896	1000 m3/h	Settings, Control Flow	P-band flow control EAF Scale factor = 0.1
VentSettings.S_EAFPID_Itime	R	897	60 sec	Settings, Control Pressure	I-time pressure control EAF
VentSettings.S_FrostPID1_ PBand(0)	R	898	100 °C	Settings, Control Temp	P-band frost mode
VentSettings.S_FrostPID1_ ITime(0)	R	899	100 sec	Settings, Control Temp	I-time frost mode
VentSettings.S_FrostPID2_ Pband	R	900	100 °C	Settings, Control Temp	P-band frost mode
VentSettings.S_FrostPID2_ ITime	R	901	100 sec	Settings, Control Temp	I-time frost mode
VentSettings.S_FrostPID3_ Pband	R	902	100 °C	Settings, Control Temp	P-band frost mode
VentSettings.S_FrostPID3_ ITime	R	903	100 sec	Settings, Control Temp	I-time frost mode
VentSettings.S_CO2PID_ Pband	R	904	100 °C	Settings, Control Temp	P-band CO2 mode
VentSettings.S_CO2PID_ Itime	R	905	100 sec	Settings, Control Temp	I-time CO2 mode
VentSettings.S_RoomPID_ Pband	R	906	100 °C	Settings, Control Temp	P-band room air control
VentSettings.S_RoomPID_ Itime	R	907	300 sec	Settings, Control Temp	I-time room air control
VentSettings.S_DeIcePID_ Pband	R	908	100 °C	Settings, Control Temp	P-band de-icing
VentSettings.S_DeIcePID_ Itime	R	909	100 sec	Settings, Control Temp	I-time de-icing
VentSettings.S_HumidityPID_ Pband	R	910	100 %RH	Settings, Control Humidity	P-band humidity control
VentSettings.S_HumidityPID_ Itime	R	911	300 sec	Settings, Control Humidity	I-time humidity control
VentSettings.S_ExtraPID_ Pband	R	912	33 °C	Settings, Control Humidity	P-band extra pid control
VentSettings.S_ExtraPID_ Itime	R	913	100 sec	Settings, Control Humidity	I-time extra pid control
VentSettings.S_SeqY1PID_ Pband	R	914	10 °C	Settings, Control Temp	P-band Seq A air control
VentSettings.S_SeqY1PID_ ITime	R	915	100 sec	Settings, Control Temp	I-time Seq A air control

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_SeqY2PID_Pband	R	916	10 °C	Settings, Control Temp	P-band Seq B air control
VentSettings.S_SeqY2PID_ITime	R	917	100 sec	Settings, Control Temp	I-time Seq B air control
VentSettings.S_SeqY3PID_Pband	R	918	10 °C	Settings, Control Temp	P-band Seq C air control
VentSettings.S_SeqY3PID_ITime	R	919	100 sec	Settings, Control Temp	I-time Seq C air control
VentSettings.S_SeqY4PID_Pband	R	920	10 °C	Settings, Control Temp	P-band Seq D air control
VentSettings.S_SeqY4PID_ITime	R	921	100 sec	Settings, Control Temp	I-time Seq D air control
VentSettings.S_SeqY5PID_Pband	R	922	10 °C	Settings, Control Temp	P-band Seq E air control
VentSettings.S_SeqY5PID_ITime	R	923	100 sec	Settings, Control Temp	I-time Seq E air control
VentSettings.S_SeqY6PID_Pband	R	924	10 °C	Settings, Control Temp	P-band Seq F air control
VentSettings.S_SeqY6PID_ITime	R	925	100 sec	Settings, Control Temp	I-time Seq F air control
VentSettings.S_SeqY7PID_Pband	R	926	10 °C	Settings, Control Temp	P-band Seq G air control
VentSettings.S_SeqY7PID_ITime	R	927	100 sec	Settings, Control Temp	I-time Seq G air control
VentSettings.S_SeqY8PID_Pband	R	928	10 °C	Settings, Control Temp	P-band Seq H air control
VentSettings.S_SeqY8PID_ITime	R	929	100 sec	Settings, Control Temp	I-time Seq H air control
VentSettings.S_SeqY9PID_Pband	R	930	10 °C	Settings, Control Temp	P-band Seq I air control
VentSettings.S_SeqY9PID_ITime	R	931	100 sec	Settings, Control Temp	I-time Seq I air control
VentSettings.S_SeqY10PID_Pband	R	932	10 °C	Settings, Control Temp	P-band Seq J air control
VentSettings.S_SeqY10PID_ITime	R	933	100 sec	Settings, Control Temp	I-time Seq J air control
VentSettings.S_AOSelect_Humidity	X	934	2	Manual/Auto	Running mode Humidification/Dehumidification: 0=Off 1=Manual 2=Auto
VentSettings.S_AOManual_Humidity	R	935	0	Manual/Auto	Humidification/Dehumidification controller output if manual mode
VentSettings.S_AOSelect_ExtraController	X	936	2	Manual/Auto	Manual/Auto Extra Controller 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ExtraController	R	937	0	Manual/Auto	Extra Controller output if manual mode
VentSettings.S_AOSelect_SequenceY1	X	938	2	Manual/Auto	Sequence A mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_SequenceY1	R	939	0%	Manual/Auto	Sequence A output if manual on mode

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_AOSelect_ SequenceY2	X	940	2	Manual/Auto	Sequence B mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ SequenceY2	R	941	0%	Manual/Auto	Sequence B output if manual on mode
VentSettings.S_AOSelect_ SequenceY3	X	942	2	Manual/Auto	Sequence C mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ SequenceY3	R	943	0%	Manual/Auto	Sequence C output if manual on mode
VentSettings.S_AOSelect_ SequenceY4	X	944	2	Manual/Auto	Sequence D mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ SequenceY4	R	945	0%	Manual/Auto	Sequence D output if manual on mode
VentSettings.S_AOSelect_ SequenceY5	X	946	2	Manual/Auto	Sequence E mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ SequenceY5	R	947	0%	Manual/Auto	Sequence E output if manual on mode
VentSettings.S_AOSelect_ SequenceY6	X	948	2	Manual/Auto	Sequence F mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ SequenceY6	R	949	0%	Manual/Auto	Sequence F output if manual on mode
VentSettings.S_AOSelect_ SequenceY7	X	950	2	Manual/Auto	Sequence G mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ SequenceY7	R	951	0%	Manual/Auto	Sequence G output if manual on mode
VentSettings.S_AOSelect_ SequenceY8	X	952	2	Manual/Auto	Sequence H mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ SequenceY8	R	953	0%	Manual/Auto	Sequence H output if manual on mode
VentSettings.S_AOSelect_ SequenceY9	X	954	2	Manual/Auto	Sequence I mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ SequenceY9	R	955	0%	Manual/Auto	Sequence I output if manual on mode
VentSettings.S_AOSelect_ SequenceY10	X	956	2	Manual/Auto	Sequence J mode: 0=Manual off 1=Manual on 2=Auto
VentSettings.S_AOManual_ SequenceY10	R	957	0%	Manual/Auto	Sequence J output if manual on mode

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_ FreeCoolHighLimit	R	959	18	Settings, Free cooling	If outdoor temp is higher at night the free cooling is stopped
VentSettings.S_ FreeCoolLowLimit	R	960	10	Settings, Free cooling	If outdoor temp is lower at night the free cooling is stopped
VentSettings.S_ FreeCoolRoomLimit	R	961	18	Settings, Free cooling	If room temp is lower at night the free cooling is stopped
VentSettings.S_ FreeCoolStartTime	X	962	0	Settings, Free cooling	Start time free cool function
VentSettings.S_ FreeCoolStopTime	X	963	7	Settings, Free cooling	Stop time free cool function
VentSettings.S_ FreeCoolHeatBlockTime	I	964	60	Settings, Free cooling	Time in minute to block heat output when start after free cool run
VentSettings.S_CO2StartLimit	R	965	800	CO2	Level to activate CO2 control (ppm)
VentSettings.S_ CO2DemandDiff	R	966	160	CO2	Difference for stop of demand controlled ventilation (ppm)
VentSettings.S_CO2Setpoint	R	967	1000	CO2	Setpoint CO2 (ppm)
VentSettings.S_CO2MinTime	I	968	20	CO2	Minimum time (min) for CO2 control
VentSettings.S_NeedControl	X	969	0	Settings, General	Enable support control if the unit is shut down
VentSettings.S_ NeedHeatStart	R	970	15°C	Supply,Extract and Room temperatures	Room temp for start the unit if intermittent heating control is active
VentSettings.S_ NeedHeatStop	R	971	21°C	Supply,Extract and Room temperatures	Room temp for stop the unit if intermittent heating control is active
VentSettings.S_ NeedCoolStart	R	972	30°C	Supply,Extract and Room temperatures	Room temp for start the unit if intermittent cooling control is active
VentSettings.S_ NeedCoolStop	R	973	28°C	Supply,Extract and Room temperatures	Room temp for stop the unit if intermittent cooling control is active
VentSettings.S_NeedMinTime	I	974	20	Supply,Extract and Room temperatures	Minimum time (min) for inter-mittent control and demand control
VentSettings.S_ FireDampersAutoMode	X	975	2	Manual/Auto	Running mode fire damper: 0=Close 1=Open 2=Auto
VentSettings.S_ DeIcingSetpoint	R	976	-3°	Extract air temp/De-icing exchanger	Setpoint de-icing temp
VentSettings.S_DeIcingHyst	R	977	1°C	Extract air temp/De-icing exchanger	Hysteresis for stop of de-icing
VentSettings.S_ DeIcingMinTime	X	978	20	Extract air temp/De-icing exchanger	Min time for de-icing
VentSettings.S_ DeIcingSAFTempStop	R	979	-10°C	Extract air temp/De-icing exchanger	If lower outdoor temp the SAF will be stoped at de-icing
VentSettings.S_ HumiditySetpoint	R	980	50%RH	Humidity	Setpoint humidity room
VentSettings.S_ HumidityMaxDuct	R	981	80%RH	Humidity	Max limit humidity duct

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_HumidityHyst	R	982	20%RH	Humidity	Hysteresis to start humidity control after stop max limitation
VentSettings.S_ HumidityMaxDiff	R	983	10 %RH	Humidity	Max allowed difference between setpoint and humidity in room before alarm
VentSettings.S_ HumidityStartLimit	R	984	15 %RH	Humidity	Start limit in % to start digital output signal
VentSettings.S_ HumidityStopLimit	R	985	5 %RH	Humidity	Stop limit in % to stop digital output signal
VentSettings.S_RoomSetP	R	986	21°C	Supply,Extract and Room temperatures	Room setpoint if room temp control function
VentSettings.S_FrostProt-SPRun(0)	R	987	7 °C	Settings, Alarm Limits	Alarm limit frost protection
VentSettings.S_FrostProtSP-Stop(0)	R	988	25°C	Frost protection	Setpoint frost protection if the ventilation unit is stopped
VentSettings.S_FrostProtP-Gain(0)	R	989	5°	Frost protection	P-Gain frost protection when running (alarm limit+PGain)
VentSettings.S_FrostProt-SPRun(1)	R	990	7 °C	Settings, Alarm Limits	Alarm limit frost protection
VentSettings.S_FrostProtSP-Stop(1)	R	991	25°C	Frost protection	Setpoint frost protection if the ventilation unit is stopped
VentSettings.S_FrostProtP-Gain(1)	R	992	5°	Frost protection	P-Gain frost protection when running (alarm limit+PGain)
VentSettings.S_FrostProt-SPRun(2)	R	993	7 °C	Settings, Alarm Limits	Alarm limit frost protection
VentSettings.S_FrostProtSP-Stop(2)	R	994	25°C	Frost protection	Setpoint frost protection if the ventilation unit is stopped
VentSettings.S_FrostProtP-Gain(2)	R	995	5°	Frost protection	P-Gain frost protection when running (alarm limit+PGain)
VentSettings.S_ ExtraControllerSetP	R	996	18 °C	Extra Controller	Setpoint Extra Controller
VentSettings.S_ ExtraControllerMode	X	997	0	Extra Controller	Control mode Extra Controller 0=Heating Controller 1=Cooling Controller
VentSettings.S_SumAlarm1 (0)	X	998	1	Settings, Alarm	Sum alarm 1 configuration, defines which alarms that should be on the DO signal: 0=off 1=A+B+C 2=A+B 3=B+C 4=A+C 5=A 6=B 7=C
VentSettings.S_SumAlarm2	X	999	5	Settings, Alarm	Sum alarm 2 configuration, defines which alarms that should be on the DO signal
VentSettings.S_AlarmOutput	X	1000	0	Settings, Alarm	Alarm output of configured alarm number. Status > 0=off 1=Alapt1/Ala_Malfunc-tionSAF1, ...
VentSettings.S_ SupplyMaxDiff	R	1001	10 °C	Settings, Alarm Limits	Max control deviation supply air temp

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_ SupplyHighAlarmLimit	R	1002	30 °C	Settings, Alarm Limits	High alarm limit supply air temp
VentSettings.S_ SupplyLowAlarmLimit	R	1003	10 °C	Settings, Alarm Limits	Low alarm limit supply air temp
VentSettings.S_ EfficiencyLowLimit	R	1004	50%	Settings, Alarm Limits	Low efficiency
VentSettings.S_ RoomHighLimit	R	1005	30 °C	Settings, Alarm Limits	High alarm limit room air temp
VentSettings.S_ RoomLowLimit	R	1006	10 °C	Settings, Alarm Limits	Low alarm limit room air temp
VentSettings.S_ ExtractAirTempHigh	R	1007	30 °C	Settings, Alarm Limits	High alarm limit Extract air temp
VentSettings.S_ ExtractAirTempLow	R	1008	10 °C	Settings, Alarm Limits	Low alarm limit Extract air temp
VentSettings.S_ SAFMaxDiffPressure	R	1009	50 Pa	Settings, Alarm Limits	Max control deviation pressure SAF
VentSettings.S_ EAFMaxDiffPressure	R	1010	50 Pa	Settings, Alarm Limits	Max control deviation pressure EAF
VentSettings.S_RecircSetP	R	1011	18 °C	Recirculation	Recirculation setpoint
VentSettings.S_ RecircTempControl	X	1012	0	Recirculation	Enable supply air temp control when recirculation run: 0=No temp control 1=heating/cooling 2=only heating 3=only cooling
VentSettings.S_ RecircMaxRoomTemp	R	1013	25 °C	Recirculation	If higher room temp when Recirculation run recirculation damper is closed and fresh air damper is opend
VentSettings.S_ RecircFreeCool	X	1014	0	Recirculation	Enable the free cool func. when recirc. run
VentSettings.S_ RecircSAFOffset	R	1015	0	Recirculation	Setpoint offset if pressure/flow controlled SAF. Scale factor = 1
VentSettings.S_ RecircEAFOffset	R	1016	0	Recirculation	Setpoint offset if pressure/flow controlled EAF (this is not used) Scale factor = 1
VentSettings.S_ RecircSetPOffset	R	1017	0	Recirculation	Offset for recirculation setpoint
VentSettings.S_ FilterAlarmTime	I	1018	0	Settings, Alarm Delays	Time in month between filter exchange (Service Alarm)
VentSettings.S_ExtraSenso-r1HighLimit(0)	R	1019	30	Settings, Alarm limits	Alarm limit high temp Extra sensor 1
VentSettings.S_ ExtraSensor2HighLimit	R	1020	30	Settings, Alarm limits	Alarm limit high temp Extra sensor 2
VentSettings.S_ ExtraSensor3HighLimit	R	1021	30	Settings, Alarm limits	Alarm limit high temp Extra sensor 3
VentSettings.S_ ExtraSensor4HighLimit	R	1022	30	Settings, Alarm limits	Alarm limit high temp Extra sensor 4
VentSettings.S_ ExtraSensor5HighLimit	R	1023	30	Settings, Alarm limits	Alarm limit high temp Extra sensor 5
VentSettings.S_ExtraSensor1-LowLimit(0)	R	1024	10	Settings, Alarm limits	Alarm limit low temp Extra sensor 1
VentSettings.S_ ExtraSensor2LowLimit	R	1025	10	Settings, Alarm limits	Alarm limit low temp Extra sensor 2

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_ ExtraSensor3LowLimit	R	1026	10	Settings, Alarm limits	Alarm limit low temp Extra sensor 3
VentSettings.S_ ExtraSensor4LowLimit	R	1027	10	Settings, Alarm limits	Alarm limit low temp Extra sensor 4
VentSettings.S_ ExtraSensor5LowLimit	R	1028	10	Settings, Alarm limits	Alarm limit low temp Extra sensor 5
VentSettings.S_Selected-Sensor1(0)	X	1029	0	Settings, Alarm	Select sensor 1 for high low alarm, 0 = not active, 1 = A_ AI_OutDoorTemp, ...
VentSettings.S_SelectedSen-sor1HighLimit(0)	R	1030	0	Settings, Alarm limits	Alarm limit high temp Selected sensor 1
VentSettings.S_SelectedSen-sor1LowLimit(0)	R	1031	0	Settings, Alarm limits	Alarm limit low temp Selected sensor 1
VentSettings.S_ SelectedSensor2	X	1032	0	Settings, Alarm	Select sensor 2 for high low alarm
VentSettings.S_ SelectedSensor2HighLimit	R	1033	0	Settings, Alarm limits	Alarm limit high temp Selected sensor 1
VentSettings.S_ SelectedSensor2LowLimit	R	1034	0	Settings, Alarm limits	Alarm limit low temp Selected sensor 1
VentSettings.S_ SupplyPIDFreeze	X	1035	0	Settings, Control Temp	Freeze supply PID control
VentSettings.S_FanComp1X1 (0)	R	1036	15	SAF/EAF Pressure and Flow	Breakpoint 1 (must be lower than breakpoint 2 temp). Scale factor = 1
VentSettings.S_FanComp1Y1 (0)	R	1037	0	SAF/EAF Pressure and Flow	Compensation breakpoint 1 Scale factor = 1
VentSettings.S_FanComp1X2 (0)	R	1038	20	SAF/EAF Pressure and Flow	Breakpoint 2 (must be higher than breakpoint 1 temp) Scale factor = 1
VentSettings.S_FanComp1Y2 (0)	R	1039	0	SAF/EAF Pressure and Flow	Compensation breakpoint 2 Scale factor = 1
VentSettings.S_FanComp1X3 (0)	R	1040	25	SAF/EAF Pressure and Flow	Breakpoint 3 (must be higher than breakpoint 2 temp), Scale factor = 1
VentSettings.S_FanComp1Y3 (0)	R	1041	0	SAF/EAF Pressure and Flow	Compensation breakpoint 3 Scale factor = 1
VentSettings.S_FanComp2X1	R	1042	15	SAF/EAF Pressure and Flow	Breakpoint 1 (must be lower than breakpoint 2 temp). Scale factor = 1
VentSettings.S_FanComp2Y1	R	1043	0	SAF/EAF Pressure and Flow	Compensation breakpoint 1 Scale factor = 1
VentSettings.S_FanComp2X2	R	1044	20	SAF/EAF Pressure and Flow	Breakpoint 2 (must be higher than breakpoint 1 temp). Scale factor = 1
VentSettings.S_FanComp2Y2	R	1045	0	SAF/EAF Pressure and Flow	Compensation breakpoint 2 Scale factor =1
VentSettings.S_FanComp2X3	R	1046	25	SAF/EAF Pressure and Flow	Breakpoint 3 (must be higher than breakpoint 2 temp). Scale factor = 1
VentSettings.S_FanComp2Y3	R	1047	0	SAF/EAF Pressure and Flow	Compensation breakpoint 3 Scale factor = 1
VentSettings.S_FanComp3X1	R	1048	15	SAF/EAF Pressure and Flow	Breakpoint 1 (must be lower than breakpoint 2 temp). Scale factor = 1
VentSettings.S_FanComp3Y1	R	1049	0	SAF/EAF Pressure and Flow	Compensation breakpoint 1 Scale factor = 1

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_FanComp3X2	R	1050	20	SAF/EAF Pressure and Flow	Breakpoint 2 (must be higher than breakpoint 1 temp). Scale factor = 1
VentSettings.S_FanComp3Y2	R	1051	0	SAF/EAF Pressure and Flow	Compensation breakpoint 2 Scale factor = 1
VentSettings.S_FanComp3X3	R	1052	25	SAF/EAF Pressure and Flow	Breakpoint 3 (must be higher than breakpoint 2 temp). Scale factor = 1
VentSettings.S_FanComp3Y3	R	1053	0	SAF/EAF Pressure and Flow	Compensation breakpoint 3 Scale factor = 1
VentSettings.S_NeutralZone	R	1054	0	Settings, General	Neutral zone around supply setpoint before heating and cooling.
VentSettings.S_ FreeCoolSAFOffset	R	1055	0	Settings, Free cooling	SAF setpoint offset if pressure/flow controlled SAF when free cool active. Scale factor = 1
VentSettings.S_ FreeCoolEAFOffset	R	1056	0	Settings, Free cooling	EAF setpoint offset if pressure/flow controlled EAF when free cool active. Scale factor = 1
VentSettings.S_FilterGuard1Limit_X1(0)	R	1057	1000	Settings, Alarm limits	Alarm limt filter guard 1 X1 Scale factor = 0.1
VentSettings.S_FilterGuard1Limit_Y1	R	1058	50	Settings, Alarm limits	Alarm limt filter guard 1 Y1
VentSettings.S_FilterGuard1Limit_X2	R	1059	2000	Settings, Alarm limits	Alarm limt filter guard 1 X2 Scale factor = 0.1
VentSettings.S_FilterGuard1Limit_Y2	R	1060	150	Settings, Alarm limits	Alarm limt filter guard 1 Y2
VentSettings.S_FilterGuard2Limit_X1(0)	R	1061	1000	Settings, Alarm limits	Alarm limt filter guard 2 X1 Scale factor = 0.1
VentSettings.S_FilterGuard2Limit_Y1	R	1062	50	Settings, Alarm limits	Alarm limt filter guard 2 Y1
VentSettings.S_FilterGuard2Limit_X2	R	1063	2000	Settings, Alarm limits	Alarm limt filter guard 2 X2 Scale factor = 0.1
VentSettings.S_FilterGuard2Limit_Y2	R	1064	150	Settings, Alarm limits	Alarm limt filter guard 2 Y2
VentSettings.S_ SummerModeSupplySetpoint	R	1065	24°C	Settings, Summer mode	Supply air temp setpoint at summer time
VentSettings.S_ SummerModeOutdoortemp	R	1066	13°C	Settings, Summer mode	Outdoor temp for switching between summer and winter mode
VentSettings.S_ SummerModeStartDate	X	1067	1	Settings, Summer mode	Date for start of summer period
VentSettings.S_ SummerModeStartMonth	X	1068	4	Settings, Summer mode	Month for start of summer period
VentSettings.S_ SummerModeStopDate	X	1069	1	Settings, Summer mode	Date for stop of summer period
VentSettings.S_ SummerModeStopMonth	X	1070	10	Settings, Summer mode	Month for stop of summer period
VentSettings.S_ EnergySAFPwrFact	R	1071	1	Settings, SAF Power factor	Power factor supply air fan. Scale factor = 1
VentSettings.S_ EnergyEAFPwrFact	R	1072	1	Settings, EAF Power factor	Power factor extract air fan. Scale factor = 1
VentSettings.S_ OutdoorAirTempHigh	R	1073	40	Settings, Alarm Limits	Alarm limit high outdoor air temp. Scale factor = 10

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentSettings.S_OutdoorAir-TempLow 95	R	1074	-30	Settings, Alarm Limits	Alarm limit low outdoor air temp. Scale factor = 10
VentSettings.S_ SAFManualSetpoint	R	1075	0	Manual/Auto	Man. setp. SAF if Man. mode. Scale factor = 0.1
VentSettings.S_ EAFManualSetpoint	R	1076	0	Manual/Auto	Man. setp. EAF if Man. mode. Scale factor = 0.1
VentSettings.S_ SAFManSetpFire	R	1077	0	Settings, Fire mode	SAF setp. in fire mode. Scale factor = 0.1
VentSettings.S_ SAFManSetpSmoke	R	1078	0	Settings, Fire mode	SAF setp. in smoke mode. Scale factor = 0.1
VentSettings.S_ EAFManSetpFire	R	1079	0	Settings, Fire mode	EAF setp. in fire mode. Scale factor = 0.1
VentSettings.S_ EAFManSetpSmoke	R	1080	0	Settings, Fire mode	EAF setp. in smoke mode. Scale factor = 0.1
VentSettings.S_FanComp1Y1 (0)	R	1081	0	SAF/EAF Pressure and Flow	Comp. breakp. 1. Scale factor = 0.1
VentSettings.S_FanComp1Y2 (0)	R	1082	0	SAF/EAF Pressure and Flow	Comp. breakp. 2. Scale factor = 0.1
VentSettings.S_FanComp1Y3 (0)	R	1083	0	SAF/EAF Pressure and Flow	Comp. breakp. 3. Scale factor = 0.1
VentSettings.S_FanComp2Y1	R	1084	0	SAF/EAF Pressure and Flow	Comp. breakp. 1. Scale factor = 0.1
VentSettings.S_FanComp2Y2	R	1085	0	SAF/EAF Pressure and Flow	Comp. breakp. 2. Scale factor = 0.1
VentSettings.S_FanComp2Y3	R	1086	0	SAF/EAF Pressure and Flow	Comp. breakp. 3. Scale factor = 0.1
VentSettings.S_FanComp3Y1	R	1087	0	SAF/EAF Pressure and Flow	Comp. breakp. 1. Scale factor = 0.1
VentSettings.S_FanComp3Y2	R	1088	0	SAF/EAF Pressure and Flow	Comp. breakp. 2. Scale factor = 0.1
VentSettings.S_FanComp3Y3	R	1089	0	SAF/EAF Pressure and Flow	Comp. breakp. 3. Scale factor = 0.1

6 Input status register

The EXOL type of the signals:

R = Real (-3.3E38 - 3.3E38)
I = Integer (-32768 - 32767)
X = Index (0 - 255)
L = Logic (0/1)

Signal name	EXOL type	Modbus address	Default value	Function	Description
TimePro.TC_FanLowSpeed	L	0		Actual/Setpoint	Is set if timechannel low speed is active
TimePro.TC_ FanNormalSpeed	L	1		Actual/Setpoint	Is set if timechannel normal speed is active
TimePro.TC_FanHighSpeed	L	2		Actual/Setpoint	Is set if timechannel high speed is active
TimePro.TC_Extra1	L	3		Actual/Setpoint	Is set if timer output 1 is active
TimePro.TC_Extra2	L	4		Actual/Setpoint	Is set if timer output 2 is active
TimePro.TC_Extra3	L	5		Actual/Setpoint	Is set if timer output 3 is active
TimePro.TC_Extra4	L	6		Actual/Setpoint	Is set if timer output 4 is active
VentActual.A_SumAlarm	L	7		Alarm Status	Sumalarm, is set if any A, B or C alarm
VentActual.A_SumAlarmA(0)	L	8		Alarm Status	A-alarm, is set if any A-alarm in controller
VentActual.A_SumAlarmB	L	9		Alarm Status	B-alarm, is set if any B alarm in controller
VentActual.A_SumAlarmC	L	10		Alarm Status	C-alarm, is set if any C alarm in controller
VentActual.A_AlaPt(1)	L	11		Alarm Points	Malfunction SAF 1
VentActual.A_AlaPt(2)	L	12		Alarm Points	Malfunction SAF 2
VentActual.A_AlaPt(3)	L	13		Alarm Points	Malfunction SAF 3
VentActual.A_AlaPt(4)	L	14		Alarm Points	Malfunction SAF 4
VentActual.A_AlaPt(5)	L	15		Alarm Points	Malfunction SAF 5
VentActual.A_AlaPt(6)	L	16		Alarm Points	Malfunction EAF 1
VentActual.A_AlaPt(7)	L	17		Alarm Points	Malfunction EAF 2
VentActual.A_AlaPt(8)	L	18		Alarm Points	Malfunction EAF 3
VentActual.A_AlaPt(9)	L	19		Alarm Points	Malfunction EAF 4
VentActual.A_AlaPt(10)	L	20		Alarm Points	Malfunction EAF 5
VentActual.A_AlaPt(11)	L	21		Alarm Points	Alarm frequency converter SAF 1
VentActual.A_AlaPt(12)	L	22		Alarm Points	Alarm frequency converter SAF 2
VentActual.A_AlaPt(13)	L	23		Alarm Points	Alarm frequency converter SAF 3
VentActual.A_AlaPt(14)	L	24		Alarm Points	Alarm frequency converter SAF 4
VentActual.A_AlaPt(15)	L	25		Alarm Points	Alarm frequency converter SAF 5
VentActual.A_AlaPt(16)	L	26		Alarm Points	Alarm frequency converter EAF 1
VentActual.A_AlaPt(17)	L	27		Alarm Points	Alarm frequency converter EAF 2
VentActual.A_AlaPt(18)	L	28		Alarm Points	Alarm frequency converter EAF 3

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_AlaPt(19)	L	29		Alarm Points	Alarm frequency converter EAF 4
VentActual.A_AlaPt(20)	L	30		Alarm Points	Alarm frequency converter EAF 5
VentActual.A_AlaPt(21)	L	31		Alarm Points	Warning frequency converter SAF 1
VentActual.A_AlaPt(22)	L	32		Alarm Points	Warning frequency converter SAF 2
VentActual.A_AlaPt(23)	L	33		Alarm Points	Warning frequency converter SAF 3
VentActual.A_AlaPt(24)	L	34		Alarm Points	Warning frequency converter SAF 4
VentActual.A_AlaPt(25)	L	35		Alarm Points	Warning frequency converter SAF 5
VentActual.A_AlaPt(26)	L	36		Alarm Points	Warning frequency converter EAF 1
VentActual.A_AlaPt(27)	L	37		Alarm Points	Warning frequency converter EAF 2
VentActual.A_AlaPt(28)	L	38		Alarm Points	Warning frequency converter EAF 3
VentActual.A_AlaPt(29)	L	39		Alarm Points	Warning frequency converter EAF 4
VentActual.A_AlaPt(30)	L	40		Alarm Points	Warning frequency converter EAF 5
VentActual.A_AlaPt(31)	L	41		Alarm Points	External operation SAF
VentActual.A_AlaPt(32)	L	42		Alarm Points	External operation EAF
VentActual.A_AlaPt(33)	L	43		Alarm Points	Motor control 1 external operation
VentActual.A_AlaPt(34)	L	44		Alarm Points	Motor control 2 external operation
VentActual.A_AlaPt(35)	L	45		Alarm Points	Malfunction pump heater
VentActual.A_AlaPt(36)	L	46		Alarm Points	Malfunction pump cooler
VentActual.A_AlaPt(37)	L	47		Alarm Points	Malfunction pump exchanger
VentActual.A_AlaPt(38)	L	48		Alarm Points	Malfunction fire damper
VentActual.A_AlaPt(39)	L	49		Alarm Points	Malfunction damper
VentActual.A_AlaPt(40)	L	50		Alarm Points	Malfunction motor control 1
VentActual.A_AlaPt(41)	L	51		Alarm Points	Malfunction motor control 2
VentActual.A_AlaPt(42)	L	52		Alarm Points	Fire damper exercise stop
VentActual.A_AlaPt(43)	L	53		Alarm Points	Malfunction pump seq. A
VentActual.A_AlaPt(44)	L	54		Alarm Points	Malfunction pump seq. B
VentActual.A_AlaPt(45)	L	55		Alarm Points	Malfunction pump seq. C
VentActual.A_AlaPt(46)	L	56		Alarm Points	Malfunction pump seq. D
VentActual.A_AlaPt(47)	L	57		Alarm Points	Malfunction pump seq. E
VentActual.A_AlaPt(48)	L	58		Alarm Points	Malfunction pump seq. F
VentActual.A_AlaPt(49)	L	59		Alarm Points	Malfunction pump seq. G
VentActual.A_AlaPt(50)	L	60		Alarm Points	Malfunction pump seq. H
VentActual.A_AlaPt(51)	L	61		Alarm Points	Malfunction pump seq. I
VentActual.A_AlaPt(52)	L	62		Alarm Points	Malfunction pump seq. J
VentActual.A_AlaPt(53)	L	63		Alarm Points	Filter guard 1
VentActual.A_AlaPt(54)	L	64		Alarm Points	Filter guard 2

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_AlaPt(55)	L	65		Alarm Points	Flow guard
VentActual.A_AlaPt(56)	L	66		Alarm Points	External frost guard
VentActual.A_AlaPt(57)	L	67		Alarm Points	Deicing pressure guard
VentActual.A_AlaPt(58)	L	68		Alarm Points	Fire alarm
VentActual.A_AlaPt(59)	L	69		Alarm Points	Smoke detector alarm
VentActual.A_AlaPt(60)	L	70		Alarm Points	External switch
VentActual.A_AlaPt(61)	L	71		Alarm Points	External alarm
VentActual.A_AlaPt(62)	L	72		Alarm Points	Service stop
VentActual.A_AlaPt(63)	L	73		Alarm Points	Electric heating is overheated
VentActual.A_AlaPt(64)	L	74		Alarm Points	Frost risk
VentActual.A_AlaPt(65)	L	75		Alarm Points	Low efficiency
VentActual.A_AlaPt(66)	L	76		Alarm Points	Analogue deicing
VentActual.A_AlaPt(67)	L	77		Alarm Points	Rotation guard exchanger
VentActual.A_AlaPt(68)	L	78		Alarm Points	Extra alarm 1
VentActual.A_AlaPt(69)	L	79		Alarm Points	Extra alarm 2
VentActual.A_AlaPt(70)	L	80		Alarm Points	Extra alarm 3
VentActual.A_AlaPt(71)	L	81		Alarm Points	Extra alarm 4
VentActual.A_AlaPt(72)	L	82		Alarm Points	Extra alarm 5
VentActual.A_AlaPt(73)	L	83		Alarm Points	Extra alarm 6
VentActual.A_AlaPt(74)	L	84		Alarm Points	Extra alarm 7
VentActual.A_AlaPt(75)	L	85		Alarm Points	Extra alarm 8
VentActual.A_AlaPt(76)	L	86		Alarm Points	Extra alarm 9
VentActual.A_AlaPt(77)	L	87		Alarm Points	Extra alarm 10
VentActual.A_AlaPt(78)	L	88		Alarm Points	Internal battery error
VentActual.A_AlaPt(79)	L	89		Alarm Points	Time for service
VentActual.A_AlaPt(80)	L	90		Alarm Points	Restart blocked after power on
VentActual.A_AlaPt(81)	L	91		Alarm Points	Supply air temp control error
VentActual.A_AlaPt(82)	L	92		Alarm Points	SAF control error
VentActual.A_AlaPt(83)	L	93		Alarm Points	EAF control error
VentActual.A_AlaPt(84)	L	94		Alarm Points	Humidity control error
VentActual.A_AlaPt(85)	L	95		Alarm Points	Extra controller control error
VentActual.A_AlaPt(86)	L	96		Alarm Points	High supply air temp
VentActual.A_AlaPt(87)	L	97		Alarm Points	Low supply air temp
VentActual.A_AlaPt(88)	L	98		Alarm Points	Supply air temp max limit
VentActual.A_AlaPt(89)	L	99		Alarm Points	Supply air temp min limit
VentActual.A_AlaPt(90)	L	100		Alarm Points	High room temp
VentActual.A_AlaPt(91)	L	101		Alarm Points	Low room temp
VentActual.A_AlaPt(92)	L	102		Alarm Points	High extract air temp
VentActual.A_AlaPt(93)	L	103		Alarm Points	Low extract air temp
VentActual.A_AlaPt(94)	L	104		Alarm Points	High outdoor air temp
VentActual.A_AlaPt(95)	L	105		Alarm Points	Low outdoor air temp
VentActual.A_AlaPt(96)	L	106		Alarm Points	Low frost guard temp 1
VentActual.A_AlaPt(97)	L	107		Alarm Points	Low frost guard temp 2
VentActual.A_AlaPt(98)	L	108		Alarm Points	Low frost guard temp 3

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_AlaPt(99)	L	109		Alarm Points	High temp extra sensor 1
VentActual.A_AlaPt(100)	L	110		Alarm Points	Low temp extra sensor 1
VentActual.A_AlaPt(101)	L	111		Alarm Points	High temp extra sensor 2
VentActual.A_AlaPt(102)	L	112		Alarm Points	Low temp extra sensor 2
VentActual.A_AlaPt(103)	L	113		Alarm Points	High temp extra sensor 3
VentActual.A_AlaPt(104)	L	114		Alarm Points	Low temp extra sensor 3
VentActual.A_AlaPt(105)	L	115		Alarm Points	High temp extra sensor 4
VentActual.A_AlaPt(106)	L	116		Alarm Points	Low temp extra sensor 4
VentActual.A_AlaPt(107)	L	117		Alarm Points	High temp extra sensor 5
VentActual.A_AlaPt(108)	L	118		Alarm Points	Low temp extra sensor 5
VentActual.A_AlaPt(109)	L	119		Alarm Points	High temp selected sensor 1
VentActual.A_AlaPt(110)	L	120		Alarm Points	Low temp selected sensor 1
VentActual.A_AlaPt(111)	L	121		Alarm Points	High temp selected sensor 2
VentActual.A_AlaPt(112)	L	122		Alarm Points	Low temp selected sensor 2
VentActual.A_AlaPt(113)	L	123		Alarm Points	Manual control air unit
VentActual.A_AlaPt(114)	L	124		Alarm Points	Manual control supply air
VentActual.A_AlaPt(115)	L	125		Alarm Points	Manual control SAF
VentActual.A_AlaPt(116)	L	126		Alarm Points	Manual control EAF
VentActual.A_AlaPt(117)	L	127		Alarm Points	Manual control heater
VentActual.A_AlaPt(118)	L	128		Alarm Points	Manual control exchanger
VentActual.A_AlaPt(119)	L	129		Alarm Points	Manual control cooler
VentActual.A_AlaPt(120)	L	130		Alarm Points	Manual control damper
VentActual.A_AlaPt(121)	L	131		Alarm Points	Manual control heater pump
VentActual.A_AlaPt(122)	L	132		Alarm Points	Manual control exchanger pump
VentActual.A_AlaPt(123)	L	133		Alarm Points	Manual control cooler pump
VentActual.A_AlaPt(124)	L	134		Alarm Points	Manual control recirculation air damper
VentActual.A_AlaPt(125)	L	135		Alarm Points	Manual control fresh air damper
VentActual.A_AlaPt(126)	L	136		Alarm Points	Manual control exhaust air damper
VentActual.A_AlaPt(127)	L	137		Alarm Points	Manual control fire damper
VentActual.A_AlaPt(128)	L	138		Alarm Points	Manual control seq. A
VentActual.A_AlaPt(129)	L	139		Alarm Points	Manual control seq. B
VentActual.A_AlaPt(130)	L	140		Alarm Points	Manual control seq. C
VentActual.A_AlaPt(131)	L	141		Alarm Points	Manual control seq. D
VentActual.A_AlaPt(132)	L	142		Alarm Points	Manual control seq. E
VentActual.A_AlaPt(133)	L	143		Alarm Points	Manual control seq. F
VentActual.A_AlaPt(134)	L	144		Alarm Points	Manual control seq. G
VentActual.A_AlaPt(135)	L	145		Alarm Points	Manual control seq. H
VentActual.A_AlaPt(136)	L	146		Alarm Points	Manual control seq. I
VentActual.A_AlaPt(137)	L	147		Alarm Points	Manual control seq. J
VentActual.A_AlaPt(138)	L	148		Alarm Points	Output in manual control
VentActual.A_AlaPt(139)	L	149		Alarm Points	Input in manual control

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_AlaPt(140)	L	150		Alarm Points	Manual control extra controller
VentActual.A_AlaPt(141)	L	151		Alarm Points	Manual control motor control 1
VentActual.A_AlaPt(142)	L	152		Alarm Points	Manual control motor control 2
VentActual.A_AlaPt(143)	L	153		Alarm Points	Manual control pretreatment
VentActual.A_AlaPt(144)	L	154		Alarm Points	Sensor error outdoor air temp
VentActual.A_AlaPt(145)	L	155		Alarm Points	Sensor error intake air temp
VentActual.A_AlaPt(146)	L	156		Alarm Points	Sensor error supply air temp
VentActual.A_AlaPt(147)	L	157		Alarm Points	Sensor error exhaust air temp
VentActual.A_AlaPt(148)	L	158		Alarm Points	Sensor error extract air temp
VentActual.A_AlaPt(149)	L	159		Alarm Points	Sensor error room temp 1
VentActual.A_AlaPt(150)	L	160		Alarm Points	Sensor error room temp 2
VentActual.A_AlaPt(151)	L	161		Alarm Points	Sensor error room temp 3
VentActual.A_AlaPt(152)	L	162		Alarm Points	Sensor error room temp 4
VentActual.A_AlaPt(153)	L	163		Alarm Points	Sensor error room temp 5
VentActual.A_AlaPt(154)	L	164		Alarm Points	Sensor error room temp 6
VentActual.A_AlaPt(155)	L	165		Alarm Points	Sensor error room temp 7
VentActual.A_AlaPt(156)	L	166		Alarm Points	Sensor error room temp 8
VentActual.A_AlaPt(157)	L	167		Alarm Points	Sensor error room temp 9
VentActual.A_AlaPt(158)	L	168		Alarm Points	Sensor error room temp 10
VentActual.A_AlaPt(159)	L	169		Alarm Points	Sensor error room temp 11
VentActual.A_AlaPt(160)	L	170		Alarm Points	Sensor error room temp 12
VentActual.A_AlaPt(161)	L	171		Alarm Points	Sensor error room temp 13
VentActual.A_AlaPt(162)	L	172		Alarm Points	Sensor error room temp 14
VentActual.A_AlaPt(163)	L	173		Alarm Points	Sensor error room temp 15
VentActual.A_AlaPt(164)	L	174		Alarm Points	Sensor error room temp 16
VentActual.A_AlaPt(165)	L	175		Alarm Points	Sensor error SAF pressure
VentActual.A_AlaPt(166)	L	176		Alarm Points	Sensor error EAF pressure
VentActual.A_AlaPt(167)	L	177		Alarm Points	Sensor error SAF flow
VentActual.A_AlaPt(168)	L	178		Alarm Points	Sensor error EAF flow
VentActual.A_AlaPt(169)	L	179		Alarm Points	Sensor error exchanger pressure SAF
VentActual.A_AlaPt(170)	L	180		Alarm Points	Sensor error exchanger pressure EAF
VentActual.A_AlaPt(171)	L	181		Alarm Points	Sensor error deicing temp
VentActual.A_AlaPt(172)	L	182		Alarm Points	Sensor error frost protection 1
VentActual.A_AlaPt(173)	L	183		Alarm Points	Sensor error frost protection 2
VentActual.A_AlaPt(174)	L	184		Alarm Points	Sensor error frost protection 3
VentActual.A_AlaPt(175)	L	185		Alarm Points	Sensor error CO2
VentActual.A_AlaPt(176)	L	186		Alarm Points	Sensor error humidity room
VentActual.A_AlaPt(177)	L	187		Alarm Points	Sensor error humidity duct
VentActual.A_AlaPt(178)	L	188		Alarm Points	Sensor error outdoor humidity
VentActual.A_AlaPt(179)	L	189		Alarm Points	Sensor error external control SAF
VentActual.A_AlaPt(180)	L	190		Alarm Points	Sensor error external control EAF
VentActual.A_AlaPt(181)	L	191		Alarm Points	Sensor error extra controller

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_AlaPt(182)	L	192		Alarm Points	Sensor error extra sensor 1
VentActual.A_AlaPt(183)	L	193		Alarm Points	Sensor error extra sensor 2
VentActual.A_AlaPt(184)	L	194		Alarm Points	Sensor error extra sensor 3
VentActual.A_AlaPt(185)	L	195		Alarm Points	Sensor error extra sensor 4
VentActual.A_AlaPt(186)	L	196		Alarm Points	Sensor error extra sensor 5
VentActual.A_AlaPt(187)	L	197		Alarm Points	Sensor error external supply setpoint
VentActual.A_AlaPt(188)	L	198		Alarm Points	Sensor error external flow setpoint
VentActual.A_AlaPt(189)	L	199		Alarm Points	Sensor error filter guard 1
VentActual.A_AlaPt(190)	L	200		Alarm Points	Sensor error filter guard 2
VentActual.A_AlaPt(191)	L	201		Alarm Points	Sensor error efficiency temp
VentActual.A_AlaPt(192)	L	202		Alarm Points	Fault communication device
VentActual.A_AlaPt(193)	L	203		Alarm Points	Malfunction Extra Controller
VentActual.A_AlaPt(194)	L	204		Alarm Points	Internal error
VentActual.A_DigitalInput(1)	L	261		Digital inputs	Value of DI1
VentActual.A_DigitalInput(2)	L	262		Digital inputs	Value of DI2
VentActual.A_DigitalInput(3)	L	263		Digital inputs	Value of DI3
VentActual.A_DigitalInput(4)	L	264		Digital inputs	Value of DI4
VentActual.A_DigitalInput(5)	L	265		Digital inputs	Value of DI5
VentActual.A_DigitalInput(6)	L	266		Digital inputs	Value of DI6
VentActual.A_DigitalInput(7)	L	267		Digital inputs	Value of DI7
VentActual.A_DigitalInput(8)	L	268		Digital inputs	Value of DI8
VentActual.A_DigitalInput(9)	L	269		Universal inputs	Value of UDI1
VentActual.A_DigitalInput(10)	L	270		Universal inputs	Value of UDI2
VentActual.A_DigitalInput(11)	L	271		Universal inputs	Value of UDI3
VentActual.A_DigitalInput(12)	L	272		Universal inputs	Value of UDI4
VentActual.A_DigitalInpu-tExp1(1)	L	273		Digital inputs	Value of DI1 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(2)	L	274		Digital inputs	Value of DI2 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(3)	L	275		Digital inputs	Value of DI3 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(4)	L	276		Digital inputs	Value of DI4 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(5)	L	277		Digital inputs	Value of DI5 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(6)	L	278		Digital inputs	Value of DI6 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(7)	L	279		Digital inputs	Value of DI7 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(8)	L	280		Digital inputs	Value of DI8 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(9)	L	281		Universal inputs	Value of UDI1 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(10)	L	282		Universal inputs	Value of UDI2 Expansion unit 1
VentActual.A_DigitalInpu-tExp1(11)	L	283		Universal inputs	Value of UDI3 Expansion unit 1

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_DigitalInpu-tExp1(12)	L	284		Universal inputs	Value of UDI4 Expansion unit 1
VentActual.A_DigitalInpu-tExp2(1)	L	285		Digital inputs	Value of DI1 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(2)	L	286		Digital inputs	Value of DI2 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(3)	L	287		Digital inputs	Value of DI3 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(4)	L	288		Digital inputs	Value of DI4 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(5)	L	289		Digital inputs	Value of DI5 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(6)	L	290		Digital inputs	Value of DI6 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(7)	L	291		Digital inputs	Value of DI7 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(8)	L	292		Digital inputs	Value of DI8 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(9)	L	293		Universal inputs	Value of UDI1 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(10)	L	294		Universal inputs	Value of UDI2 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(11)	L	295		Universal inputs	Value of UDI3 Expansion unit 2
VentActual.A_DigitalInpu-tExp2(12)	L	296		Universal inputs	Value of UDI4 Expansion unit 2
VentActual.A_DO_ SeqPumpY1(0)	L	321		Actual/Setpoint	Start signal pump sequence A
VentActual.A_DO_ SeqPumpY2	L	322		Actual/Setpoint	Start signal pump sequence B
VentActual.A_DO_ SeqPumpY3	L	323		Actual/Setpoint	Start signal pump sequence C
VentActual.A_DO_ SeqPumpY4	L	324		Actual/Setpoint	Start signal pump sequence D
VentActual.A_DO_ SeqPumpY5	L	325		Actual/Setpoint	Start signal pump sequence E
VentActual.A_DO_ SeqPumpY6	L	326		Actual/Setpoint	Start signal pump sequence F
VentActual.A_DO_ SeqPumpY7	L	327		Actual/Setpoint	Start signal pump sequence G
VentActual.A_DO_ SeqPumpY8	L	328		Actual/Setpoint	Start signal pump sequence H
VentActual.A_DO_ SeqPumpY9	L	329		Actual/Setpoint	Start signal pump sequence I
VentActual.A_DO_ SeqPumpY10	L	330		Actual/Setpoint	Start signal pump sequence J
VentActual.A_DO_SAFStart (0)	L	331		SAF/EAF Pressure and Flow	Start signal Supply air fan
VentActual.A_DO_EAFStart	L	332		SAF/EAF Pressure and Flow	Start signal Extract air fan
VentActual.A_DigitalOutput(1)	L	333		Digital outputs	Value of DO1
VentActual.A_DigitalOutput(2)	L	334		Digital outputs	Value of DO2
VentActual.A_DigitalOutput(3)	L	335		Digital outputs	Value of DO3
VentActual.A_DigitalOutput(4)	L	336		Digital outputs	Value of DO4

Signal name	EXOL type	Modbus address	Default value	Function	Description
VentActual.A_DigitalOutput(5)	L	337		Digital outputs	Value of DO5
VentActual.A_DigitalOutput(6)	L	338		Digital outputs	Value of DO6
VentActual.A_DigitalOutput(7)	L	339		Digital outputs	Value of DO7
VentActual.A_DigitalOutpu-tExp1(1)	L	340		Digital outputs	Value of DO1 Expansion unit 1
VentActual.A_DigitalOutpu-tExp1(2)	L	341		Digital outputs	Value of DO2 Expansion unit 1
VentActual.A_DigitalOutpu-tExp1(3)	L	342		Digital outputs	Value of DO3 Expansion unit 1
VentActual.A_DigitalOutpu-tExp1(4)	L	343		Digital outputs	Value of DO4 Expansion unit 1
VentActual.A_DigitalOutpu-tExp1(5)	L	344		Digital outputs	Value of DO5 Expansion unit 1
VentActual.A_DigitalOutpu-tExp1(6)	L	345		Digital outputs	Value of DO6 Expansion unit 1
VentActual.A_DigitalOutpu-tExp1(7)	L	346		Digital outputs	Value of DO7 Expansion unit 1
VentActual.A_DigitalOutpu-tExp2(1)	L	347		Digital outputs	Value of DO1 Expansion unit 2
VentActual.A_DigitalOutpu-tExp2(2)	L	348		Digital outputs	Value of DO2 Expansion unit 2
VentActual.A_DigitalOutpu-tExp2(3)	L	349		Digital outputs	Value of DO3 Expansion unit 2
VentActual.A_DigitalOutpu-tExp2(4)	L	350		Digital outputs	Value of DO4 Expansion unit 2
VentActual.A_DigitalOutpu-tExp2(5)	L	351		Digital outputs	Value of DO5 Expansion unit 2
VentActual.A_DigitalOutpu-tExp2(6)	L	352		Digital outputs	Value of DO6 Expansion unit 2
VentActual.A_DigitalOutpu-tExp2(7)	L	353		Digital outputs	Value of DO7 Expansion unit 2
VentActual.A_NeedHeatActive	L	368		Supply,Extract and Room temperatures	Is set if ongoing support heating
VentActual.A_NeedCoolActive	L	369		Supply,Extract and Room temperatures	Is set if ongoing support cooling
VentActual.A_ DemandCO2Active	L	370		CO2	Is set if ongoing support CO2
VentActual.A_ RecirculationRunActive	L	371		Actual/Setpoint	Is set if ongoing recycle run
VentActual.A_DeIcingActive	L	372		Extract air temp/De-icing exchanger	Is set if ongoing de-icing

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HEAD OFFICE AB Regin, Box 116, SE-428 22 Kållered • Visiting address: Bangårdsvägen 35, SE-428 36 Kållered
Phone: +46 (0)31 720 02 00 • Fax: +46 (0)31 720 02 50 • info@regincontrols.com • www.regincontrols.com