Modbus RTU/TCP
GOLD RX/PX/CX/SD, GENERATION E/F

Applicable to program version 1.09 and newer versions

Overview

ModBus can access single addresses or multiple addresses simultaneously; either reading or writing single bit values or 16-bit values.
A ModBus address contains either a 1-bit discrete value or a 16-bit integer value.

ModBus data format

ModBus data types are 1-bit values and 16-bit values.

ModBus Type	Description	Reference
Coli Status	Discrete Output	0x
Input Status	Discrete Input	1x
Holding Register	16-bit Output Register	4x
Input Register	16-bit Input Register	3x

Supported ModBus commands

The GOLD air handling unit supports these ModBus commands.

Function code	Description
01	Read Coil Status
02	Read Input Status
03	Read Holding Registers
04	Read Input Registers
05	Force Single Coil
06	Present Single Registers
08	Diagnostics.Sub-funktion 00 Only - Return Query Data (loop back).
15	Force Multiple Colis
16	Present Multiple Registers

Operation level	3x0592
Communication operation level	4x0793
Operation active	1x0001
Low speed operation active	1x0003
High speed operation active	1x0004
Damper operation active	1x0002
Triggered alarm #1	3x0604
A-alarm active	1x0013
B-alarm active	1x0014
Alarm reset	0x0001

EA Air flow	3x0006
EA Fan level	3x0038
EA low speed air flow set point	4x0004
EA high speed air flow set point	4x0006

Outdoor temperature	3x0073

SA AHU filter pressure level	3x0027
SA AHU filter pressure alarm limit	3x0028

RX

Heat exchanger regulator level	3x0091
RHX operation level	3x0105

PX

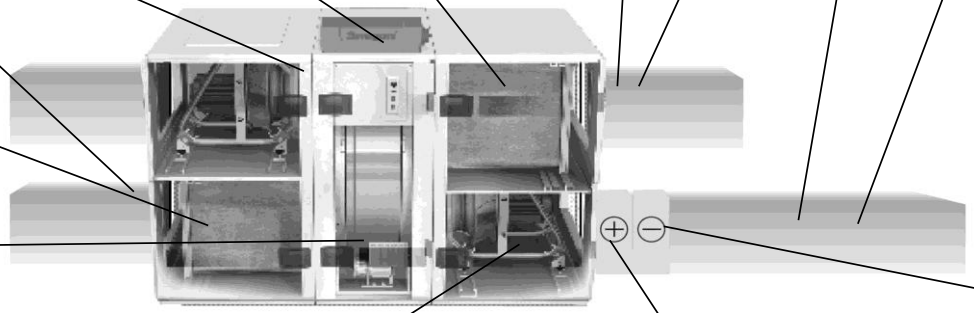
PHX-2 Damper 2 output	3x0123
PHX-2 Bypass output	3x0125
PHX-2 Damper 1 output	3x0121

CX

CHX-2 Valve output	3x0137
CHX-2 Pump output	3x0139
CHX-1 pump output	1x0027

EA AHU filter pressure level	3x0029
EA AHU filter pressure alarm limit	3x0030

EA Duct pressure	3x0010
EA low speed pressure set point	4x0020
EA high speed pressure set point	4x0022



SA Air flow	3x0004
SA Fan level	3x0037
SA low speed air flow set point	4x0003
SA high speed air flow set point	4x0005

Reheat regulator level	3x0094
Re-heat output	1x0038
Re-heat anti frost temp/overheat i	3x0153

Cool regulator level	3x0101
Cool output 1	1x0043
Cool output 2	1x0044

EA Temperature	3x0066
EA/Room temperature set point	4x0135
SA min temp set point	4x0136
SA max temp set point	4x0137

SA Duct pressure	3x0008
SA low speed pressure set point	4x0019
SA high speed pressure set point	4x0021

SA Temperature	3x0064
SA temperature set point	4x0132
ERS 1 diff	4x0118

Coil Status. 1bit (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Alarm settings					
0x0001	Alarm reset	Resets all active alarms	0	1		0	
0x0002							
0x0003	Internal fire alarm function						
0x0004	Internal fire alarm reset function	0=manual reset, 1=auto reset	0	1		0	
0x0005							
0x0006			0	1		0	
0x0007	External fire alarm no. 1 reset function	0=manual reset, 1=auto reset	0	1		0	
0x0008	External fire alarm no. 2 reset function	0=manual reset, 1=auto reset					
0x0009							
0x0010							
0x0011	External alarm no. 1 reset function	0=manual reset, 1=auto reset	0	1		0	
0x0012	External alarm no. 2 reset function	0=manual reset, 1=auto reset	0	1		0	
0x0013							
0x0014							
0x0015	External alarm no. 1 input function	0=alarm at closed contact, 1=alarm at open contact	0	1		0	
0x0016	External alarm no. 2 input function	0=alarm at closed contact, 1=alarm at open contact	0	1		0	
0x0017							
0x0018							
0x0019							
0x0020							
0x0021							
0x0022							
0x0023							
0x0024							
0x0025							
0x0026							
0x0027							
0x0028							
		Pressure sensors zero point calibration					
0x0029	SA flow pressure sensor auto zero calibration		0	1		1	
0x0030	EA flow pressure sensor auto zero calibration		0	1		1	
0x0031	SA duct pressure sensor auto zero calibration		0	1		1	
0x0032	EA duct pressure sensor auto zero calibration		0	1		1	
0x0033	ReCO_2 pressure sensor auto zero calibration		0	1		1	
0x0034	RHX defrost pressure sensor auto calibration		0	1		1	
0x0035	Carry over control pressure sensor auto calibration		0	1		1	
0x0036	SA filter pressure sensor auto zero calibration		0	1		1	
0x0037	EA filter pressure sensor auto zero calibration		0	1		1	
0x0038	SA pre-filter pressure sensor auto zero calibration		0	1		1	
0x0039	EA pre-filter pressure sensor auto zero calibration		0	1		1	
0x0040	SA end-filter pressure sensor auto zero calibration		0	1		1	
0x0041	PX heat exchange pressure sensor auto calibration		0	1		1	1.21
0x0042	Air quality control pressure sensor auto calibration		0	1		1	2.42
0x0043	HC defrost sensor auto calibration		0	1		1	2.42
0x0044							
0x0045							

Coil Status. 1bit (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
0x0046	SA flow pressure sensor activate zero calibration	If value is set to 1 for min 1s calibration will be performed.	0	1		0	
0x0047	EA flow pressure sensor activate zero calibration		0	1		0	
0x0048	SA duct pressure sensor activate zero calibration		0	1		0	
0x0049	EA duct pressure sensor activate zero calibration		0	1		0	
0x0050	ReCO_2 pressure sensor activate calibration		0	1		0	
0x0051	RHX Defrost pressure sensor activate calibration		0	1		0	
0x0052	Carry over control pressure sensor activate zero calibration		0	1		0	
0x0053	SA filter pressure sensor activate zero calibration		0	1		0	
0x0054	EA filter pressure sensor activate zero calibration		0	1		0	
0x0055	SA pre-filter pressure sensor activate zero calibration		0	1		0	
0x0056	EA pre-filter pressure sensor activate zero calibration		0	1		0	
0x0057	SA end-filter pressure sensor activate zero calibration		0	1		0	
0x0058	PX heat exchange pressure sensor activate zero calibration		0	1		1	1.21
0x0059	Air quality control pressure sensor activate zero calibration		0	1		1	2.42
0x0060	HC defrost pressure sensor activate zero calibration		0	1		1	2.42
0x0061							
0x0062							
		BMS I/O-modules					
0x1000	External operation I/O-module A, function		0	1		0	1.20
0x1001	External operation I/O-module A, temp sensor 1 function		0	1		0	1.20
0x1002	External operation I/O-module A, temp sensor 2 function		0	1		0	1.20
0x1003	External operation I/O-module A, digital output		0	1		0	1.20
0x1004	External operation I/O-module B, function		0	1		0	1.20
0x1005	External operation I/O-module B, temp sensor 1 function		0	1		0	1.20
0x1006	External operation I/O-module B, temp sensor 2 function		0	1		0	1.20
0x1007	External operation I/O-module B, digital output		0	1		0	1.20
0x1008	External operation I/O-module C, function		0	1		0	1.20
0x1009	External operation I/O-module C, temp sensor 1 function		0	1		0	1.20
0x1010	External operation I/O-module C, temp sensor 2 function		0	1		0	1.20
0x1011	External operation I/O-module C, digital output		0	1		0	1.20

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Operation level/alarm					
1x0001	Operation active	Relay output status	0	1			
1x0002	Damper operation active	Relay output status	0	1			
1x0003	Low speed operation active	Low speed operation status	0	1			
1x0004	High speed operation active	High speed operation status	0	1			
1x0005	Intermittent night heat active		0	1			
1x0006	Morning boost active		0	1			
1x0007	Heating boost active		0	1			
1x0008	Cooling boost active		0	1			
1x0009	Summer night cool active		0	1			
1x0010							
1x0011							
1x0012							
1x0013	A-alarm active	Any alarm with priority class A active	0	1			
1x0014	B-alarm active	Any alarm with priority class B active	0	1			
1x0015							
1x0016							
		Heat exchange					
1x0017	HX operation active	HX status	0	1			
1x0018	HX cool recovery active	HX cool recovery status	0	1			
1x0019	HX defrost active	HX defrost status	0	1			
1x0020							
1x0021							
1x0022	RHX speed monitor signal	RHX speed monitor status	0	1			
1x0023							
1x0024							
1x0025							
1x0026							
1x0027	CHX-1 pump output	CHX-1 relay output status	0	1			
1x0028	CHX-1 pump input	CHX-1 digital input status	0	1			
1x0029							
1x0030	Seasonal controlled temperature regulation indication		0	1			2.46
		AHU Coils					
1x0031	Season heat, extra regulation sequence allowed		0	1			
1x0032	Season heat, re-heat allowed		0	1			
1x0033	Extra regulation sequence 1, output	Relay output status	0	1			
1x0034	Extra regulation sequence 1, power reduction active		0	1			
1x0035	Extra regulation sequence 1, anti-frost regulation active		0	1			
1x0036	Extra regulation sequence 1 combi coil input		0	1			2.37
1x0037	Extra regulation sequence 1 combi coil output		0	1			2.37
1x0038	Re-heat output	Relay output status	0	1			
1x0039	Re-heat power reduction active		0	1			
1x0040	Re-heat anti-frost regulation active		0	1			
1x0041							
1x0042							
1x0043	Cool output 1	Relay output status	0	1			
1x0044	Cool output 2	Relay output status	0	1			
1x0045							
1x0046	Extra regulation sequence 2 combi coil input		0	1			2.37

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0047	Extra regulation sequence 2 combi coil output		0	1			2.37
1x0048	Extra regulation sequence 2, output	Relay output status	0	1			1.13
1x0049	Extra regulation sequence 2, power reduction active		0	1			1.13
1x0050	Extra regulation sequence 2, anti-frost regulation active		0	1			1.13
		Pre-heat					
1x0051	Pre-heat output	Relay output status	0	1			
1x0052	Pre-heat power reduction active		0	1			
1x0053	Pre-heat anti-frost regulation active		0	1			
1x0054							
1x0055							
		Xzone					
1x0056	Xzone heat output	Relay output status	0	1			
1x0057	Xzone heat power reduction active						
1x0058	Xzone heat anti-frost regulation active						
1x0059							
1x0060							
1x0061							
1x0062							
1x0063	Xzone cool output 1	Relay output status	0	1			
1x0064	Xzone cool output 2	Relay output status	0	1			
1x0065	Xzone combi coil module A input	Xzone combi coil module A digital input status	0	1			2.43
1x0066	Xzone combi coil module A output	Relay output status	0	1			2.43
1x0067	Xzone combi coil module B input	Xzone combi coil module B digital input status	0	1			2.43
1x0068	Xzone combi coil module B output	Relay output status	0	1			2.43
1x0069							
1x0070							
		Exhaust heat					
1x0071							
1x0072							
1x0073							
1x0074							
1x0075	Exhaust heat pump output	Relay output status	0	1			2.43
1x0076	Exhaust heat heating power reduction active		0	1			2.43
1x0077	Exhaust heat anti-frost regulation active		0	1			2.43
1x0078							
1x0079							
1x0080							
1x0081							
1x0082							
1x0083							
1x0084							
1x0085							
1x0086							
1x0087							
1x0088							
1x0089							
1x0090							
1x0091							
1x0092							

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0093							

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0094							
1x0095							
1x0096							
1x0097							
1x0098							
		AYC					
1x0099	AYC heat pump output	Relay output status	0	1			
1x0100	AYC heat pump input	Digital input status	0	1			
1x0101							
1x0102							
1x0103							
1x0104	AYC cool pump output	Relay output status	0	1			
1x0105	AYC cool pump input	Digital input status	0	1			
1x0106							
1x0107							
1x0108							
		COOL DX					
1x0109	COOL DX compressor 1 output	Relay output status	0	1			
1x0110	COOL DX compressor 1 input	Digital input status	0	1			
1x0111							
1x0112							
1x0113							
1x0114							
1x0115	COOL DX compressor 2 output	Relay output status	0	1			
1x0116	COOL DX compressor 2 input	Digital input status	0	1			
1x0117							
1x0118							
1x0119							
1x0120							
		Wireless AP					
1x0199	Wireless AP active		0	1		0	2.43
		BMS I/O-modules					
1x0200	External operation I/O-module 3, digital input 1		0	1			1.20
1x0201	External operation I/O-module 3, digital input 2		0	1			1.20
1x0202	External operation I/O-module 3, digital output 1		0	1			1.20
1x0203	External operation I/O-module 3, digital output 2		0	1			1.20
1x0204	External operation I/O-module 6, digital input 1		0	1			1.20
1x0205	External operation I/O-module 6, digital input 2		0	1			1.20
1x0206	External operation I/O-module 6, digital output 1		0	1			1.20
1x0207	External operation I/O-module 6, digital output 2		0	1			1.20
1x0208	External operation I/O-module A, digital input		0	1			1.20
1x0209	External operation I/O-module B, digital input		0	1			1.20
1x0210	External operation I/O-module C, digital input		0	1			1.20

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Alarms					
1x0501	Active alarm 1	Alarm 1:1 External fire alarm no. 1 tripped	0	1			
1x0502	Active alarm 2	Alarm 1:2 External fire alarm no. 2 tripped	0	1			
1x0503	Active alarm 3	Alarm 1:3 Internal fire alarm tripped	0	1			
1x0504	Active alarm 4		0	1			
1x0505	Active alarm 5		0	1			
1x0506	Active alarm 6		0	1			
1x0507	Active alarm 7		0	1			
1x0508	Active alarm 8		0	1			
1x0509	Active alarm 9		0	1			
1x0510	Active alarm 10		0	1			
1x0511	Active alarm 11		0	1			
1x0512	Active alarm 12		0	1			
1x0513	Active alarm 13		0	1			
1x0514	Active alarm 14		0	1			
1x0515	Active alarm 15		0	1			
1x0516	Active alarm 16	Alarm 2:1 External alarm no. 1 tripped	0	1			
1x0517	Active alarm 17	Alarm 2:2 External alarm no. 2 tripped	0	1			
1x0518	Active alarm 18		0	1			
1x0519	Active alarm 19		0	1			
1x0520	Active alarm 20		0	1			
1x0521	Active alarm 21		0	1			
1x0522	Active alarm 22		0	1			
1x0523	Active alarm 23		0	1			
1x0524	Active alarm 24		0	1			
1x0525	Active alarm 25		0	1			
1x0526	Active alarm 26		0	1			
1x0527	Active alarm 27		0	1			
1x0528	Active alarm 28		0	1			
1x0529	Active alarm 29		0	1			
1x0530	Active alarm 30		0	1			
1x0531	Active alarm 31	Alarm 3:1 Pre-heat, I/O-module no. 9 communication error	0	1			
1x0532	Active alarm 32	Alarm 3:2 Pre-heat, electrical heater overheat protection tripped	0	1			
1x0533	Active alarm 33	Alarm 3:3 Pre-heat, frost protection tripped	0	1			
1x0534	Active alarm 34	Alarm 3:4 Pre-heat, frost protection temperature sensor defective	0	1			
1x0535	Active alarm 35	Alarm 3:5 Pre-heat, temperature sensor defective	0	1			
1x0536	Active alarm 36	Alarm 3:6 Pre-heat, valve monitoring tripped	0	1			
1x0537	Active alarm 37	Alarm 3:7 Pre-heat, temperature below set point alarm limit	0	1			
1x0538	Active alarm 38	Alarm 3:8 Pre-heat, alarm input tripped	0	1			1.10
1x0539	Active alarm 39		0	1			
1x0540	Active alarm 40		0	1			
1x0541	Active alarm 41		0	1			
1x0542	Active alarm 42		0	1			
1x0543	Active alarm 43		0	1			
1x0544	Active alarm 44		0	1			
1x0545	Active alarm 45		0	1			
1x0546	Active alarm 46	Alarm 4:1 Extra regulation sequence 1, I/O-module no. E communication error	0	1			1.13
1x0547	Active alarm 47	Alarm 4:2 Extra regulation sequence 1, electrical heater overheat protection tripped	0	1			1.13

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0548	Active alarm 48	Alarm 4:3 Extra regulation sequence 1, frost protection tripped	0	1			1.13
1x0549	Active alarm 49	Alarm 4:4 Extra regulation sequence 1, frost protection temperature sensor defective	0	1			1.13
1x0550	Active alarm 50	Alarm 4:5 Extra regulation sequence 1, valve monitoring tripped	0	1			1.13
1x0551	Active alarm 51	Alarm 4:6 Extra regulation sequence 1, alarm input tripped	0	1			1.13
1x0552	Active alarm 52	Alarm 4:7 Extra regulation sequence 1, temperature protection from communication error	0	1			1.13
1x0553	Active alarm 53	Alarm 4:8 Extra regulation sequence 1 combi coil temperature sensor defective	0	1			1.26
1x0554	Active alarm 54	Alarm 4:9 Extra regulation sequence 2, I/O-module no. F communication error	0	1			1.13
1x0555	Active alarm 55	Alarm 4:10 Extra regulation sequence 2, electrical heater overheat protection tripped	0	1			1.13
1x0556	Active alarm 56	Alarm 4:11 Extra regulation sequence 2, frost protection tripped	0	1			1.13
1x0557	Active alarm 57	Alarm 4:12 Extra regulation sequence 2, frost protection temperature sensor defective	0	1			1.13
1x0558	Active alarm 58	Alarm 4:13 Extra regulation sequence 2, valve monitoring tripped	0	1			1.13
1x0559	Active alarm 59	Alarm 4:14 Extra regulation sequence 2, alarm input tripped	0	1			1.13
1x0560	Active alarm 60	Alarm 4:15 Extra regulation sequence 2 combi coil temperature sensor defective	0	1			1.26
1x0561	Active alarm 61	Alarm 5:1 Re-heat, electrical heater over heat protection tripped	0	1			
1x0562	Active alarm 62	Alarm 5:2 Re-heat, frost protection tripped	0	1			
1x0563	Active alarm 63	Alarm 5:3 Re-heat, frost protection temperature sensor defective	0	1			
1x0564	Active alarm 64	Alarm 5:4 Re-heat, heat valve monitoring tripped	0	1			
1x0565	Active alarm 65	Alarm 5:5 Re-heat alarm input tripped	0	1			1.27
1x0566	Active alarm 66		0	1			
1x0567	Active alarm 67		0	1			
1x0568	Active alarm 68		0	1			
1x0569	Active alarm 69		0	1			
1x0570	Active alarm 70		0	1			
1x0571	Active alarm 71		0	1			
1x0572	Active alarm 72		0	1			
1x0573	Active alarm 73		0	1			
1x0574	Active alarm 74		0	1			
1x0575	Active alarm 75		0	1			
1x0576	Active alarm 76	Alarm 6:1 Xzone, I/O-module no. A communication error	0	1			
1x0577	Active alarm 77	Alarm 6:2 Xzone, electrical heater overheat protection tripped	0	1			
1x0578	Active alarm 78	Alarm 6:3 Xzone, frost protection tripped	0	1			
1x0579	Active alarm 79	Alarm 6:4 Xzone, frost protection temperature sensor defective	0	1			
1x0580	Active alarm 80	Alarm 6:5 Xzone, supply air temperature sensor defective	0	1			
1x0581	Active alarm 81	Alarm 6:6 Xzone, heat valve monitoring tripped	0	1			
1x0582	Active alarm 82	Alarm 6:7 Xzone, supply air temperature below set point alarm limit	0	1			
1x0583	Active alarm 83	Alarm 6:8 Xzone, supply air temperature above set point alarm limit	0	1			
1x0584	Active alarm 84	Alarm 6:9 Xzone, heat alarm input tripped	0	1			1.10
1x0585	Active alarm 85	Alarm 6:10 Xzone combi coil module A temperature sensor defective	0	1			2.43
1x0586	Active alarm 86	Alarm 6:11 Xzone temperature protection, I/O-module no. 9 com. Error	0	1			2.43
1x0587	Active alarm 87		0	1			
1x0588	Active alarm 88		0	1			
1x0589	Active alarm 89		0	1			
1x0590	Active alarm 90		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0591	Active alarm 91	Alarm 7:1 Xzone, I/O-module no. B communication error	0	1			
1x0592	Active alarm 92	Alarm 7:2 Xzone, extract air temperature sensor defective	0	1			
1x0593	Active alarm 93	Alarm 7:3 Xzone, cool valve monitoring tripped	0	1			
1x0594	Active alarm 94	Alarm 7:4 Xzone, extract air temperature below alarm limit	0	1			
1x0595	Active alarm 95	Alarm 7:5 Xzone, cool alarm input 1 tripped	0	1			1.10
1x0596	Active alarm 96	Alarm 7:6 Xzone, cool alarm input 2 tripped	0	1			1.10
1x0597	Active alarm 97	Alarm 7:7 Xzone combi coil module B temperature sensor defective	0	1			2.43
1x0598	Active alarm 98		0	1			
1x0599	Active alarm 99		0	1			
1x0600	Active alarm 100		0	1			
1x0601	Active alarm 101		0	1			
1x0602	Active alarm 102		0	1			
1x0603	Active alarm 103		0	1			
1x0604	Active alarm 104		0	1			
1x0605	Active alarm 105		0	1			
1x0606	Active alarm 106		0	1			
1x0607	Active alarm 107		0	1			
1x0608	Active alarm 108		0	1			
1x0609	Active alarm 109		0	1			
1x0610	Active alarm 110	Alarm 8:5 Cool valve monitoring tripped	0	1			
1x0611	Active alarm 111	Alarm 8:6 Cool alarm input 1 tripped	0	1			1.27
1x0612	Active alarm 112	Alarm 8:7 Cool alarm input 2 tripped	0	1			1.27
1x0613	Active alarm 113		0	1			
1x0614	Active alarm 114		0	1			
1x0615	Active alarm 115		0	1			
1x0616	Active alarm 116		0	1			
1x0617	Active alarm 117		0	1			
1x0618	Active alarm 118		0	1			
1x0619	Active alarm 119		0	1			
1x0620	Active alarm 120		0	1			
1x0621	Active alarm 121	Alarm 9:1 Exhaust heat I/O-module no. 4 com error	0	1			2.43
1x0622	Active alarm 122	Alarm 9:2 Exhaust heat electrical heater overheat protection tripped	0	1			2.43
1x0623	Active alarm 123	Alarm 9:3 Exhaust heat frost protection tripped	0	1			2.43
1x0624	Active alarm 124	Alarm 9:4 Exhaust heat frost protection temperature sensor defective	0	1			2.43
1x0625	Active alarm 125	Alarm 9:5 Exhaust heat temperature sensor defective	0	1			2.43
1x0626	Active alarm 126	Alarm 9:6 Exhaust heat valve monitoring tripped	0	1			2.43
1x0627	Active alarm 127	Alarm 9:7 Exhaust heat temperature below set point alarm limit	0	1			2.43
1x0628	Active alarm 128	Alarm 9:8 Exhaust heat alarm input tripped	0	1			2.43
1x0629	Active alarm 129		0	1			
1x0630	Active alarm 130		0	1			
1x0631	Active alarm 131		0	1			
1x0632	Active alarm 132		0	1			
1x0633	Active alarm 133		0	1			
1x0634	Active alarm 134		0	1			
1x0635	Active alarm 135		0	1			
1x0636	Active alarm 136	Alarm 10:1 Supply air temperature sensor defective	0	1			
1x0637	Active alarm 137	Alarm 10:2 Supply air temperature sensor for density compensation defective	0	1			
1x0638	Active alarm 138	Alarm 10:3 Extract air temperature sensor defective	0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0639	Active alarm 139	Alarm 10:4 Extract air temperature sensor for density compensation defective	0	1			
1x0640	Active alarm 140	Alarm 10:5 Extract air temperature sensor for heat exchanger defrosting defective	0	1			
1x0641	Active alarm 141	Alarm 10:6 Extract air temperature sensor for density compensation in SD air handling unit defective	0	1			
1x0642	Active alarm 142	Alarm 10:7 Extract air duct temperature sensor defective	0	1			1.13
1x0643	Active alarm 143		0	1			
1x0644	Active alarm 144		0	1			
1x0645	Active alarm 145	Alarm 10:10 Outdoor air temperature sensor defective	0	1			
1x0646	Active alarm 146		0	1			
1x0647	Active alarm 147		0	1			
1x0648	Active alarm 148		0	1			
1x0649	Active alarm 149		0	1			
1x0650	Active alarm 150		0	1			
1x0651	Active alarm 151	Alarm 11:1 Room temperature sensor no. 1 defective	0	1			
1x0652	Active alarm 152	Alarm 11:2 Room temperature sensor no. 2 defective	0	1			
1x0653	Active alarm 153	Alarm 11:3 Room temperature sensor no. 3 defective	0	1			
1x0654	Active alarm 154	Alarm 11:4 Room temperature sensor no. 4 defective	0	1			
1x0655	Active alarm 155	Alarm 11:5 Xzone, room temperature sensor no. 5 defective	0	1			
1x0656	Active alarm 156	Alarm 11:6 Xzone, room temperature sensor no. 6 defective	0	1			
1x0657	Active alarm 157	Alarm 11:7 Xzone, room temperature sensor no. 7 defective	0	1			
1x0658	Active alarm 158	Alarm 11:8 Xzone, room temperature sensor no. 8 defective	0	1			
1x0659	Active alarm 159	Alarm 11:9 Outdoor temperature sensor no. A defective	0	1			
1x0660	Active alarm 160	Alarm 11:10 Outdoor temperature sensor no. B defective	0	1			
1x0661	Active alarm 161	Alarm 11:11 Outdoor temperature sensor no. C defective	0	1			
1x0662	Active alarm 162	Alarm 11:12 Outdoor temperature sensor no. D defective	0	1			
1x0663	Active alarm 163	Alarm 11:13 Room temperature from communication error	0	1			
1x0664	Active alarm 164	Alarm 11:14 Xzone, room temperature from communication error	0	1			
1x0665	Active alarm 165	Alarm 11:15 Outdoor temperature from communication error	0	1			
1x0666	Active alarm 166	Alarm 12:1 Supply air temperature below set point alarm limit	0	1			
1x0667	Active alarm 167	Alarm 12:2 Supply air temperature above set point alarm limit	0	1			
1x0668	Active alarm 168		0	1			
1x0669	Active alarm 169		0	1			
1x0670	Active alarm 170		0	1			
1x0671	Active alarm 171	Alarm 12:6 Extract air temperature below alarm limit	0	1			
1x0672	Active alarm 172		0	1			
1x0673	Active alarm 173		0	1			
1x0674	Active alarm 174		0	1			
1x0675	Active alarm 175		0	1			
1x0676	Active alarm 176	Alarm 12:11 temperature guard below Alarm limit	0	1			
1x0677	Active alarm 177		0	1			
1x0678	Active alarm 178	Alarm 12:13 Heat exchange efficiency below alarm limit	0	1			1.21
1x0679	Active alarm 179		0	1			
1x0680	Active alarm 180		0	1			
1x0681	Active alarm 181	Alarm 13:1 Humidification, I/O-module no. 4 communication error	0	1			
1x0682	Active alarm 182	Alarm 13:2 Supply air humidity sensor defective	0	1			
1x0683	Active alarm 183	Alarm 13:3 Extract air humidity sensor defective	0	1			
1x0684	Active alarm 184	Alarm 13:4 Exhaust air humidity sensor defective	0	1			1.21
1x0685	Active alarm 185	Alarm 13:5 Outdoor air humidity sensor defective	0	1			2.36

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0686	Active alarm 186	Alarm 13:6 Room humidity sensor defective	0	1			2.36
1x0687	Active alarm 187		0	1			
1x0688	Active alarm 188		0	1			
1x0689	Active alarm 189	Alarm 13:9 Humidifier alarm output tripped	0	1			
1x0690	Active alarm 190		0	1			
1x0691	Active alarm 191	Alarm 13:11 VOC sensor, communication error	0	1			
1x0692	Active alarm 192	Alarm 13:12 VOC sensor, internal communication error	0	1			
1x0693	Active alarm 193	Alarm 13:13 VOC sensor, internal error	0	1			1.10
1x0694	Active alarm 194	Alarm 13:14 VOC sensor, level below/above set point alarm limit	0	1			1.10
1x0695	Active alarm 195		0	1			
1x0696	Active alarm 196	Alarm 14:1 Re-heat energy measurement I/O-module no. 6 com. error	0	1			2.47
1x0697	Active alarm 197	Alarm 14:2 Re-heat energy measurement return water temp. sensor defective	0	1			2.47
1x0698	Active alarm 198	Alarm 14:3 Re-heat energy measurement feed water temp. sensor defective	0	1			2.47
1x0699	Active alarm 199	Alarm 14:4 Re-heat energy measurement valve leakage	0	1			2.47
1x0700	Active alarm 200	Alarm 14:5 Re-heat energy measurement flow sensor defective	0	1			2.47
1x0701	Active alarm 201		0	1			2.47
1x0702	Active alarm 202		0	1			2.47
1x0703	Active alarm 203	Alarm 14:8 Cool energy measurement I/O-module no. 7 com. error	0	1			2.47
1x0704	Active alarm 204	Alarm 14:9 Cool energy measurement return water temp. sensor defective	0	1			2.47
1x0705	Active alarm 205	Alarm 14:10 Cool energy measurement feed water temp. sensor defective	0	1			2.47
1x0706	Active alarm 206	Alarm 14:11 Cool energy measurement valve leakage	0	1			2.47
1x0707	Active alarm 207	Alarm 14:12 Cool energy measurement flow sensor defective	0	1			2.47
1x0708	Active alarm 208		0	1			
1x0709	Active alarm 209		0	1			
1x0710	Active alarm 210		0	1			
1x0711	Active alarm 211	Alarm 15:1 Plate heat exchanger, I/O-module no. 2 communication error	0	1			
1x0712	Active alarm 212	Alarm 15:2 Plate heat exchanger, temperature sensor no. 1 defective	0	1			
1x0713	Active alarm 213	Alarm 15:3 Plate heat exchanger, temperature sensor no. 2 defective	0	1			
1x0714	Active alarm 214	Alarm 15:4 Plate heat exchanger, damper monitor tripped	0	1			
1x0715	Active alarm 215		0	1			
1x0716	Active alarm 216	Alarm 15:6 Plate heat exchanger bypass damper 4A monitor tripped	0	1			2.43
1x0717	Active alarm 217	Alarm 15:7 Plate heat exchanger, I/O-module no. 3 communication error	0	1			1.13
1x0718	Active alarm 218	Alarm 15:8 Plate heat exchanger, bypass damper monitor tripped	0	1			1.13
1x0719	Active alarm 219	Alarm 15:9 Plate heat exchanger, damper no. 1 monitor tripped	0	1			1.13
1x0720	Active alarm 220	Alarm 15:10 Plate heat exchanger, damper no. 2 monitor tripped	0	1			1.13
1x0721	Active alarm 221	Alarm 15:11 Plate heat exchanger, I/O-module no. 3 communication error	0	1			1.13
1x0722	Active alarm 222	Alarm 15:12 Plate heat exchanger, bypass damper monitor tripped	0	1			1.13
1x0723	Active alarm 223	Alarm 15:13 Plate counter flow heat exchanger, defrost pressure above alarm limit	0	1			1.21
1x0724	Active alarm 224	Alarm 15:14 Plate heat exchanger, defrost pressure sensor no. C communication error	0	1			1.13
1x0725	Active alarm 225	Alarm 15:15 Plate heat exchanger, defrost pressure above alarm limit	0	1			1.13
1x0726	Active alarm 226	Alarm 16:1 Coil heat exchanger, I/O-module no. 1 communication error	0	1			
1x0727	Active alarm 227	Alarm 16:2 Coil heat exchanger, temperature sensor defective	0	1			
1x0728	Active alarm 228	Alarm 16:3 Coil heat exchanger, valve monitor tripped	0	1			
1x0729	Active alarm 229	Alarm 16:4 Coil heat exchanger, pump monitor tripped	0	1			
1x0730	Active alarm 230	Alarm 16:5 Coil heat exchanger, I/O-module no. C communication error	0	1			1.18
1x0731	Active alarm 231	Alarm 16:6 Coil heat exchanger, pressure sensor defective	0	1			1.18

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0732	Active alarm 232	Alarm 16:7 Coil heat exchanger, low pressure brine circuit	0	1			1.18
1x0733	Active alarm 233	Alarm 16:8 Coil heat exchanger pressure below alarm limit	0	1			1.27
1x0734	Active alarm 234		0	1			
1x0735	Active alarm 235		0	1			
1x0736	Active alarm 236		0	1			
1x0737	Active alarm 237		0	1			
1x0738	Active alarm 238		0	1			
1x0739	Active alarm 239		0	1			
1x0740	Active alarm 240		0	1			
1x0741	Active alarm 241	Alarm 17:1 Rotary heat exchanger, motor controller communication error	0	1			
1x0742	Active alarm 242	Alarm 17:2 Rotary heat exchanger, defrost pressure sensor no. 7 communication error	0	1			
1x0743	Active alarm 243	Alarm 17:3 Rotary heat exchanger, defrost pressure above alarm limit	0	1			
1x0744	Active alarm 244	Alarm 17:4 Rotary heat exchanger, speed monitor tripped	0	1			
1x0745	Active alarm 245	Alarm 17:5 Rotary heat exchanger, motor controller over current	0	1			
1x0746	Active alarm 246	Alarm 17:6 Rotary heat exchanger, motor controller under voltage	0	1			
1x0747	Active alarm 247	Alarm 17:7 Rotary heat exchanger, motor controller over voltage	0	1			
1x0748	Active alarm 248	Alarm 17:8 Rotary heat exchanger, motor controller over temperature	0	1			
1x0749	Active alarm 249	Alarm 17:9 Rotary heat exchanger, motor controller start error	0	1			
1x0750	Active alarm 250	Alarm 17:10 Rotary heat exchanger, motor controller internal error	0	1			1.32
1x0751	Active alarm 251	Alarm 17:11 Rotary heat exchanger, motor controller phase error	0	1			1.32
1x0752	Active alarm 252	Alarm 17:12 Rotary heat exchanger, motor controller internal memory error	0	1			1.32
1x0753	Active alarm 253	Alarm 17:13 Rotary heat exchanger, motor controller current reduction	0	1			1.32
1x0754	Active alarm 254	Alarm 17:14 Rotary heat exchanger, motor controller internal com. error	0	1			1.32
1x0755	Active alarm 255	Alarm 17:15 Rotary heat exchanger, I/O-module com. error	0	1			1.32
1x0756	Active alarm 256	Alarm 18:1 AYC, I/O-module no. 7 communication error	0	1			
1x0757	Active alarm 257	Alarm 18:2 AYC heat, temperature sensor defective	0	1			
1x0758	Active alarm 258	Alarm 18:3 AYC heat, valve monitor tripped	0	1			
1x0759	Active alarm 259	Alarm 18:4 AYC heat, pump monitor tripped	0	1			
1x0760	Active alarm 260	Alarm 18:5 AYC heat, temperature below set point alarm limit	0	1			
1x0761	Active alarm 261	Alarm 18:6 AYC heat, temperature above set point alarm limit	0	1			
1x0762	Active alarm 262		0	1			
1x0763	Active alarm 263		0	1			
1x0764	Active alarm 264	Alarm 18:9 AYC cool, temperature sensor defective	0	1			
1x0765	Active alarm 265	Alarm 18:10 AYC cool, valve monitor tripped	0	1			
1x0766	Active alarm 266	Alarm 18:11 AYC cool, pump monitor tripped	0	1			
1x0767	Active alarm 267	Alarm 18:12 AYC cool, temperature below set point alarm limit	0	1			
1x0768	Active alarm 268	Alarm 18:13 AYC cool, temperature above set point alarm limit	0	1			
1x0769	Active alarm 269		0	1			
1x0770	Active alarm 270		0	1			
1x0771	Active alarm 271	Alarm 19:1 Rotary heat exchanger, AQC pressure sensor no. E com. error	0	1			1.32
1x0772	Active alarm 272	Alarm 19:2 Rotary heat exchanger, AQC pressure below set point alarm limit	0	1			1.32
1x0773	Active alarm 273	Alarm 19:3 Rotary heat exchanger, AQC damper monitoring tripped	0	1			1.32
1x0774	Active alarm 274		0	1			
1x0775	Active alarm 275		0	1			
1x0776	Active alarm 276		0	1			
1x0777	Active alarm 277		0	1			
1x0778	Active alarm 278		0	1			
1x0779	Active alarm 279		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0780	Active alarm 280		0	1			
1x0781	Active alarm 281		0	1			
1x0782	Active alarm 282		0	1			
1x0783	Active alarm 283		0	1			
1x0784	Active alarm 284		0	1			
1x0785	Active alarm 285		0	1			
1x0786	Active alarm 286		0	1			
1x0787	Active alarm 287		0	1			
1x0788	Active alarm 288		0	1			
1x0789	Active alarm 289		0	1			
1x0790	Active alarm 290		0	1			
1x0791	Active alarm 291		0	1			
1x0792	Active alarm 292		0	1			
1x0793	Active alarm 293		0	1			
1x0794	Active alarm 294		0	1			
1x0795	Active alarm 295		0	1			
1x0796	Active alarm 296		0	1			
1x0797	Active alarm 297		0	1			
1x0798	Active alarm 298		0	1			
1x0799	Active alarm 299		0	1			
1x0800	Active alarm 300		0	1			
1x0801	Active alarm 301	Alarm 21:1 COOL DX, I/O-module no. 2 communication error	0	1			
1x0802	Active alarm 302	Alarm 21:2 COOL DX, compressor no. 1 low pressure sensor defective	0	1			
1x0803	Active alarm 303	Alarm 21:3 COOL DX, compressor no. 1 low pressure below alarm limit	0	1			
1x0804	Active alarm 304	Alarm 21:4 COOL DX, compressor no. 1 high pressure sensor defective	0	1			
1x0805	Active alarm 305	Alarm 21:5 COOL DX, compressor no. 1 high pressure above alarm limit	0	1			
1x0806	Active alarm 306	Alarm 21:6 COOL DX, compressor no. 1 monitor tripped	0	1			
1x0807	Active alarm 307	Alarm 21:7 COOL DX, compressor no. 1 restart error	0	1			
1x0808	Active alarm 308	Alarm 21:8 COOL DX, compressor no. 2 low pressure sensor defective	0	1			
1x0809	Active alarm 309	Alarm 21:9 COOL DX, compressor no. 2 low pressure below alarm limit	0	1			
1x0810	Active alarm 310	Alarm 21:10 COOL DX, compressor no. 2 high pressure sensor defective	0	1			
1x0811	Active alarm 311	Alarm 21:11 COOL DX, compressor no. 2 high pressure above alarm limit	0	1			
1x0812	Active alarm 312	Alarm 21:12 COOL DX, compressor no. 2 monitor tripped	0	1			
1x0813	Active alarm 313	Alarm 21:13 COOL DX, compressor no. 2 restart error	0	1			
1x0814	Active alarm 314	Alarm 21:14 COOL DX, outdoor air temperature sensor defective	0	1			
1x0815	Active alarm 315	Alarm 21:15 COOL DX phase sequence error or supply voltage missing	0	1			
1x0816	Active alarm 316	Alarm 22:1 Xzone heat energy measurement I/O-module no. D com. error	0	1			2.47
1x0817	Active alarm 317	Alarm 22:2 Xzone heat energy measurement return water temp. sensor defective	0	1			2.47
1x0818	Active alarm 318	Alarm 22:3 Xzone heat energy measurement feed water temp. sensor defective	0	1			2.47
1x0819	Active alarm 319	Alarm 22:4 Xzone heat energy measurement valve leakage	0	1			2.47
1x0820	Active alarm 320	Alarm 22:5 Xzone heat energy measurement flow sensor defective	0	1			2.47
1x0821	Active alarm 321		0	1			2.47
1x0822	Active alarm 322		0	1			2.47
1x0823	Active alarm 323	Alarm 22:8 Xzone cool energy measurement I/O-module no. E com. error	0	1			2.47
1x0824	Active alarm 324	Alarm 22:9 Xzone cool energy measurement return water temp. sensor defective	0	1			2.47
1x0825	Active alarm 325	Alarm 22:10 Xzone cool energy measurement feed water temp. sensor defective	0	1			2.47

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0826	Active alarm 326	Alarm 22:11 Xzone cool energy measurement valve leakage	0	1			2.47
1x0827	Active alarm 327	Alarm 22:12 Xzone cool energy measurement flow sensor defective	0	1			2.47
1x0828	Active alarm 328		0	1			
1x0829	Active alarm 329		0	1			
1x0830	Active alarm 330		0	1			
1x0831	Active alarm 331	Alarm 23:1 SMART Link, communication error	0	1			
1x0832	Active alarm 332	Alarm 23:2 SMART Link, alarm level 1 tripped	0	1			
1x0833	Active alarm 333	Alarm 23:3 SMART Link, alarm level 2 tripped	0	1			
1x0834	Active alarm 334	Alarm 23:4 SMART Link, alarm level 3 tripped	0	1			
1x0835	Active alarm 335		0	1			
1x0836	Active alarm 336		0	1			
1x0837	Active alarm 337		0	1			
1x0838	Active alarm 338		0	1			
1x0839	Active alarm 339		0	1			
1x0840	Active alarm 340	Alarm 23:10 AQUA Link, I/O-module no. 5 communication error	0	1			
1x0841	Active alarm 341	Alarm 23:11 AQUA Link, pump monitor tripped	0	1			
1x0842	Active alarm 342		0	1			
1x0843	Active alarm 343		0	1			
1x0844	Active alarm 344		0	1			
1x0845	Active alarm 345		0	1			
1x0846	Active alarm 346	Alarm 24:1 SMART Link, no. 1 communication error	0	1			
1x0847	Active alarm 347	Alarm 24:2 SMART Link, no. 1 alarm tripped	0	1			
1x0848	Active alarm 348		0	1			
1x0849	Active alarm 349	Alarm 24:4 SMART Link, no. 2 communication error	0	1			
1x0850	Active alarm 350	Alarm 24:5 SMART Link, no. 2 alarm tripped	0	1			
1x0851	Active alarm 351		0	1			
1x0852	Active alarm 352	Alarm 24:7 SMART Link, no. 3 communication error	0	1			
1x0853	Active alarm 353	Alarm 24:8 SMART Link, no. 3 alarm tripped	0	1			
1x0854	Active alarm 354		0	1			
1x0855	Active alarm 355	Alarm 24:10 SMART Link, no. 4 communication error	0	1			
1x0856	Active alarm 356	Alarm 24:11 SMART Link, no. 4 alarm tripped	0	1			
1x0857	Active alarm 357		0	1			
1x0858	Active alarm 358	Alarm 24:13 SMART Link supply air flow below alarm limit	0	1			1.25
1x0859	Active alarm 359		0	1			
1x0860	Active alarm 360		0	1			
1x0861	Active alarm 361	Alarm 25:1 SMART Link+, cooling circuit A com. error	0	1			1.32
1x0862	Active alarm 362	Alarm 25:2 SMART Link+, cooling circuit B com. error	0	1			1.32
1x0863	Active alarm 363	Alarm 25:3 SMART Link+, heating circuit A com. error	0	1			1.32
1x0864	Active alarm 364	Alarm 25:4 SMART Link+, heating circuit B com. error	0	1			1.32
1x0865	Active alarm 365		0	1			
1x0866	Active alarm 366		0	1			
1x0867	Active alarm 367		0	1			
1x0868	Active alarm 368		0	1			
1x0869	Active alarm 369		0	1			
1x0870	Active alarm 370		0	1			
1x0871	Active alarm 371		0	1			
1x0872	Active alarm 372		0	1			
1x0873	Active alarm 373		0	1			
1x0874	Active alarm 374		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0875	Active alarm 375		0	1			
1x0876	Active alarm 376	Alarm 26:1 Pre-filter, supply air pressure sensor no.8 communication error	0	1			
1x0877	Active alarm 377	Alarm 26:2 Pre-filter, supply air dirty	0	1			
1x0878	Active alarm 378		0	1			
1x0879	Active alarm 379		0	1			
1x0880	Active alarm 380		0	1			
1x0881	Active alarm 381		0	1			
1x0882	Active alarm 382	Alarm 26:7 Pre-filter, extract air pressure sensor no.9 communication error	0	1			
1x0883	Active alarm 383	Alarm 26:8 Pre-filter, extract air dirty	0	1			
1x0884	Active alarm 384		0	1			
1x0885	Active alarm 385		0	1			
1x0886	Active alarm 386		0	1			
1x0887	Active alarm 387		0	1			
1x0888	Active alarm 388		0	1			
1x0889	Active alarm 389		0	1			
1x0890	Active alarm 390		0	1			
1x0891	Active alarm 391	Alarm 27:1 Air handling unit filter, supply air pressure sensor no. 3/4 communication error	0	1			
1x0892	Active alarm 392	Alarm 27:2 Air handling unit filter, supply air dirty	0	1			
1x0893	Active alarm 393		0	1			
1x0894	Active alarm 394		0	1			
1x0895	Active alarm 395		0	1			
1x0896	Active alarm 396		0	1			
1x0897	Active alarm 397	Alarm 27:7 Air handling unit filter, extract air pressure sensor no. 3/4 communication error	0	1			
1x0898	Active alarm 398	Alarm 27:8 Air handling unit filter, extract air dirty	0	1			
1x0899	Active alarm 399		0	1			
1x0900	Active alarm 400		0	1			
1x0901	Active alarm 401		0	1			
1x0902	Active alarm 402		0	1			
1x0903	Active alarm 403		0	1			
1x0904	Active alarm 404		0	1			
1x0905	Active alarm 405		0	1			
1x0906	Active alarm 406	Alarm 28:1 End filter, supply air pressure sensor no. A communication error	0	1			
1x0907	Active alarm 407	Alarm 28:2 End filter, supply air dirty	0	1			
1x0908	Active alarm 408		0	1			
1x0909	Active alarm 409		0	1			
1x0910	Active alarm 410		0	1			
1x0911	Active alarm 411		0	1			
1x0912	Active alarm 412		0	1			
1x0913	Active alarm 413		0	1			
1x0914	Active alarm 414		0	1			
1x0915	Active alarm 415		0	1			
1x0916	Active alarm 416		0	1			
1x0917	Active alarm 417		0	1			
1x0918	Active alarm 418		0	1			
1x0919	Active alarm 419		0	1			
1x0920	Active alarm 420		0	1			
1x0921	Active alarm 421	Alarm 29:1 Energy monitoring pulse counter com. Error	0	1			2.42

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0922	Active alarm 422		0	1			
1x0923	Active alarm 423		0	1			
1x0924	Active alarm 424		0	1			
1x0925	Active alarm 425		0	1			
1x0926	Active alarm 426		0	1			
1x0927	Active alarm 427		0	1			
1x0928	Active alarm 428		0	1			
1x0929	Active alarm 429		0	1			
1x0930	Active alarm 430		0	1			
1x0931	Active alarm 431		0	1			
1x0932	Active alarm 432		0	1			
1x0933	Active alarm 433		0	1			
1x0934	Active alarm 434		0	1			
1x0935	Active alarm 435		0	1			
1x0936	Active alarm 436	Alarm 30:1 Air flow measurement, supply air pressure sensor no. 1/2 communication error	0	1			
1x0937	Active alarm 437	Alarm 30:2 Air flow measurement, supply air flow below set point alarm limit	0	1			
1x0938	Active alarm 438	Alarm 30:3 Air flow measurement, supply air flow above set point alarm limit	0	1			
1x0939	Active alarm 439		0	1			
1x0940	Active alarm 440		0	1			
1x0941	Active alarm 441	Alarm 30:6 Air flow measurement, extract air pressure sensor no. 1/2 communication error	0	1			
1x0942	Active alarm 442	Alarm 30:7 Air flow measurement, extract air flow below set point alarm limit	0	1			
1x0943	Active alarm 443	Alarm 30:8 Air flow measurement, extract air flow above set point alarm limit	0	1			
1x0944	Active alarm 444		0	1			
1x0945	Active alarm 445		0	1			
1x0946	Active alarm 446	Alarm 30:11 Air flow measurement, carry over control pressure sensor no. B communication error	0	1			
1x0947	Active alarm 447		0	1			
1x0948	Active alarm 448		0	1			
1x0949	Active alarm 449		0	1			
1x0950	Active alarm 450		0	1			
1x0951	Active alarm 451	Alarm 31:1 Pressure regulation, supply air pressure sensor no. 5 communication error	0	1			
1x0952	Active alarm 452	Alarm 31:2 Pressure regulation, supply air pressure below set point alarm limit	0	1			
1x0953	Active alarm 453	Alarm 31:3 Pressure regulation, supply air pressure above set point alarm limit	0	1			
1x0954	Active alarm 454		0	1			
1x0955	Active alarm 455		0	1			
1x0956	Active alarm 456	Alarm 31:6 Pressure regulation, extract air pressure sensor no. 6 communication error	0	1			
1x0957	Active alarm 457	Alarm 31:7 Pressure regulation, extract air pressure below set point alarm limit	0	1			
1x0958	Active alarm 458	Alarm 31:8 Pressure regulation, extract air pressure above set point alarm limit	0	1			
1x0959	Active alarm 459		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x0960	Active alarm 460		0	1			
1x0961	Active alarm 461		0	1			
1x0962	Active alarm 462		0	1			
1x0963	Active alarm 463		0	1			
1x0964	Active alarm 464		0	1			
1x0965	Active alarm 465		0	1			
1x0966	Active alarm 466	Alarm 32:1 ReCO2, I/O-module no. 0 communication error	0	1			
1x0967	Active alarm 467	Alarm 32:2 ReCO2, pressure sensor no. 0 communication error	0	1			
1x0968	Active alarm 468	Alarm 32:3 ReCO2, recirculation damper monitoring tripped	0	1			
1x0969	Active alarm 469	Alarm 32:4 ReCO2, outdoor air damper monitoring tripped	0	1			
1x0970	Active alarm 470		0	1			
1x0971	Active alarm 471		0	1			
1x0972	Active alarm 472		0	1			
1x0973	Active alarm 473		0	1			
1x0974	Active alarm 474		0	1			
1x0975	Active alarm 475		0	1			
1x0976	Active alarm 476		0	1			
1x0977	Active alarm 477		0	1			
1x0978	Active alarm 478		0	1			
1x0979	Active alarm 479		0	1			
1x0980	Active alarm 480		0	1			
1x0981	Active alarm 481	Alarm 33:1 Service period above alarm limit	0	1			
1x0982	Active alarm 482		0	1			
1x0983	Active alarm 483		0	1			
1x0984	Active alarm 484		0	1			
1x0985	Active alarm 485		0	1			
1x0986	Active alarm 486		0	1			
1x0987	Active alarm 487		0	1			
1x0988	Active alarm 488		0	1			
1x0989	Active alarm 489		0	1			
1x0990	Active alarm 490		0	1			
1x0991	Active alarm 491		0	1			
1x0992	Active alarm 492		0	1			
1x0993	Active alarm 493		0	1			
1x0994	Active alarm 494		0	1			
1x0995	Active alarm 495	Alarm 33:15 Lock function tripped	0	1			
1x0996	Active alarm 496	Alarm 34:1 External control I/O-module no. 3 communication error	0	1			
1x0997	Active alarm 497	Alarm 34:2 External control I/O-module no. 6 communication error	0	1			
1x0998	Active alarm 498		0	1			
1x0999	Active alarm 499		0	1			
1x1000	Active alarm 500		0	1			
1x1001	Active alarm 501		0	1			
1x1002	Active alarm 502		0	1			
1x1003	Active alarm 503		0	1			
1x1004	Active alarm 504		0	1			
1x1005	Active alarm 505		0	1			
1x1006	Active alarm 506		0	1			
1x1007	Active alarm 507		0	1			
1x1008	Active alarm 508		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1009	Active alarm 509		0	1			
1x1010	Active alarm 510		0	1			
1x1011	Active alarm 511	Alarm 35:1 Booster diffusers, I/O-module no. 8 communication error	0	1			
1x1012	Active alarm 512		0	1			
1x1013	Active alarm 513		0	1			
1x1014	Active alarm 514		0	1			
1x1015	Active alarm 515		0	1			
1x1016	Active alarm 516		0	1			
1x1017	Active alarm 517		0	1			
1x1018	Active alarm 518		0	1			
1x1019	Active alarm 519		0	1			
1x1020	Active alarm 520		0	1			
1x1021	Active alarm 521		0	1			
1x1022	Active alarm 522		0	1			
1x1023	Active alarm 523		0	1			
1x1024	Active alarm 524		0	1			
1x1025	Active alarm 525		0	1			
1x1026	Active alarm 526	Alarm 36:1 External BMS control I/O-module no. A communication error	0	1			1.20
1x1027	Active alarm 527	Alarm 36:2 External BMS control I/O-module no. A temperature sensor no. 1 defective	0	1			1.20
1x1028	Active alarm 528	Alarm 36:3 External BMS control I/O-module no. A temperature sensor no. 2 defective	0	1			1.20
1x1029	Active alarm 529		0	1			1.20
1x1030	Active alarm 530		0	1			1.20
1x1031	Active alarm 531	Alarm 36:6 External BMS control I/O-module no. B communication error	0	1			1.20
1x1032	Active alarm 532	Alarm 36:7 External BMS control I/O-module no. B temperature sensor no. 1 defective	0	1			1.20
1x1033	Active alarm 533	Alarm 36:8 External BMS control I/O-module no. B temperature sensor no. 2 defective	0	1			1.20
1x1034	Active alarm 534		0	1			1.20
1x1035	Active alarm 535		0	1			1.20
1x1036	Active alarm 536	Alarm 36:11 External BMS control I/O-module no. C communication error	0	1			1.20
1x1037	Active alarm 537	Alarm 36:12 External BMS control I/O-module no. C temperature sensor no. 1 defective	0	1			1.20
1x1038	Active alarm 538	Alarm 36:13 External BMS control I/O-module no. C temperature sensor no. 2 defective	0	1			1.20
1x1039	Active alarm 539		0	1			
1x1040	Active alarm 540		0	1			
1x1041	Active alarm 541		0	1			
1x1042	Active alarm 542		0	1			
1x1043	Active alarm 543		0	1			
1x1044	Active alarm 544		0	1			
1x1045	Active alarm 545		0	1			
1x1046	Active alarm 546		0	1			
1x1047	Active alarm 547		0	1			
1x1048	Active alarm 548		0	1			
1x1049	Active alarm 549		0	1			
1x1050	Active alarm 550		0	1			
1x1051	Active alarm 551		0	1			
1x1052	Active alarm 552		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1053	Active alarm 553		0	1			
1x1054	Active alarm 554		0	1			
1x1055	Active alarm 555		0	1			
1x1056	Active alarm 556	Alarm 38:1 MIRU Control no. 1 communication error	0	1			
1x1057	Active alarm 557	Alarm 38:2 MIRU Control no. 1 motor controller alarm tripped	0	1			
1x1058	Active alarm 558	Alarm 38:3 MIRU Control no. 1 motor controller communication error	0	1			
1x1059	Active alarm 559	Alarm 38:4 MIRU Control no. 1 air flow pressure sensor no. 0 communication error	0	1			
1x1060	Active alarm 560	Alarm 38:5 MIRU Control no. 1 pressure regulation sensor no. 1 communication error	0	1			
1x1061	Active alarm 561	Alarm 38:6 MIRU Control no. 1 temperature sensor defective	0	1			
1x1062	Active alarm 562	Alarm 38:7 MIRU Control no. 1 air flow/pressure set point deviation from alarm limit	0	1			
1x1063	Active alarm 563	Alarm 38:8 MIRU 1 air flow below set point alarm limit	0	1			1.25
1x1064	Active alarm 564	Alarm 38:9 MIRU 1 air flow above set point alarm limit	0	1			1.25
1x1065	Active alarm 565	Alarm 38:10 MIRU 1 pressure below set point alarm limit	0	1			1.25
1x1066	Active alarm 566	Alarm 38:11 MIRU 1 pressure above set point alarm limit	0	1			1.25
1x1067	Active alarm 567		0	1			
1x1068	Active alarm 568		0	1			
1x1069	Active alarm 569		0	1			
1x1070	Active alarm 570		0	1			
1x1071	Active alarm 571	Alarm 39:1 MIRU Control no. 2 communication error	0	1			
1x1072	Active alarm 572	Alarm 39:2 MIRU Control no. 2 motor controller alarm tripped	0	1			
1x1073	Active alarm 573	Alarm 39:3 MIRU Control no. 2 motor controller communication error	0	1			
1x1074	Active alarm 574	Alarm 39:4 MIRU Control no. 2 air flow pressure sensor no. 0 communication error	0	1			
1x1075	Active alarm 575	Alarm 39:5 MIRU Control no. 2 pressure regulation sensor no. 1 communication error	0	1			
1x1076	Active alarm 576	Alarm 39:6 MIRU Control no. 2 temperature sensor defective	0	1			
1x1077	Active alarm 577	Alarm 39:7 MIRU Control no. 2 air flow/pressure set point deviation from alarm limit	0	1			
1x1078	Active alarm 578	Alarm 39:8 MIRU 2 air flow below set point alarm limit	0	1			1.25
1x1079	Active alarm 579	Alarm 39:9 MIRU 2 air flow above set point alarm limit	0	1			1.25
1x1080	Active alarm 580	Alarm 39:10 MIRU 2 pressure below set point alarm limit	0	1			1.25
1x1081	Active alarm 581	Alarm 39:11 MIRU 2 pressure above set point alarm limit	0	1			1.25
1x1082	Active alarm 582		0	1			
1x1083	Active alarm 583		0	1			
1x1084	Active alarm 584		0	1			
1x1085	Active alarm 585		0	1			
1x1086	Active alarm 586	Alarm 40:1 MIRU Control no. 3 communication error	0	1			
1x1087	Active alarm 587	Alarm 40:2 MIRU Control no. 3 motor controller alarm tripped	0	1			
1x1088	Active alarm 588	Alarm 40:3 MIRU Control no. 3 motor controller communication error	0	1			
1x1089	Active alarm 589	Alarm 40:4 MIRU Control no. 3 air flow pressure sensor no. 0 communication error	0	1			
1x1090	Active alarm 590	Alarm 40:5 MIRU Control no. 3 pressure regulation sensor no. 1 communication error	0	1			
1x1091	Active alarm 591	Alarm 40:6 MIRU Control no. 3 temperature sensor defective	0	1			
1x1092	Active alarm 592	Alarm 40:7 MIRU Control no. 3 air flow/pressure set point deviation from alarm limit	0	1			
1x1093	Active alarm 593	Alarm 40:8 MIRU 3 air flow below set point alarm limit	0	1			1.25

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1094	Active alarm 594	Alarm 40:9 MIRU 3 air flow above set point alarm limit	0	1			1.25
1x1095	Active alarm 595	Alarm 40:10 MIRU 3 pressure below set point alarm limit	0	1			1.25
1x1096	Active alarm 596	Alarm 40:11 MIRU 3 pressure above set point alarm limit	0	1			1.25
1x1097	Active alarm 597		0	1			
1x1098	Active alarm 598		0	1			
1x1099	Active alarm 599		0	1			
1x1100	Active alarm 600		0	1			
1x1101	Active alarm 601	Alarm 41:1 MIRU Control no. 4 communication error	0	1			
1x1102	Active alarm 602	Alarm 41:2 MIRU Control no. 4 motor controller alarm tripped	0	1			
1x1103	Active alarm 603	Alarm 41:3 MIRU Control no. 4 motor controller communication error	0	1			
1x1104	Active alarm 604	Alarm 41:4 MIRU Control no. 4 air flow pressure sensor no. 0 communication error	0	1			
1x1105	Active alarm 605	Alarm 41:5 MIRU Control no. 4 pressure regulation sensor no. 1 communication error	0	1			
1x1106	Active alarm 606	Alarm 41:6 MIRU Control no. 4 temperature sensor defective	0	1			
1x1107	Active alarm 607	Alarm 41:7 MIRU Control no. 4 air flow/pressure set point deviation from alarm limit	0	1			
1x1108	Active alarm 608		0	1			
1x1109	Active alarm 609		0	1			
1x1110	Active alarm 610		0	1			
1x1111	Active alarm 611		0	1			
1x1112	Active alarm 612		0	1			
1x1113	Active alarm 613		0	1			
1x1114	Active alarm 614		0	1			
1x1115	Active alarm 615		0	1			
1x1116	Active alarm 616	Alarm 42:1 MIRU Control no. 5 communication error	0	1			
1x1117	Active alarm 617	Alarm 42:2 MIRU Control no. 5 motor controller alarm tripped	0	1			
1x1118	Active alarm 618	Alarm 42:3 MIRU Control no. 5 motor controller communication error	0	1			
1x1119	Active alarm 619	Alarm 42:4 MIRU Control no. 5 air flow pressure sensor no. 0 communication error	0	1			
1x1120	Active alarm 620	Alarm 42:5 MIRU Control no. 5 pressure regulation sensor no. 1 communication error	0	1			
1x1121	Active alarm 621	Alarm 42:6 MIRU Control no. 5 temperature sensor defective	0	1			
1x1122	Active alarm 622	Alarm 42:7 MIRU Control no. 5 air flow/pressure set point deviation from alarm limit	0	1			
1x1123	Active alarm 623		0	1			
1x1124	Active alarm 624		0	1			
1x1125	Active alarm 625		0	1			
1x1126	Active alarm 626		0	1			
1x1127	Active alarm 627		0	1			
1x1128	Active alarm 628		0	1			
1x1129	Active alarm 629		0	1			
1x1130	Active alarm 630		0	1			
1x1131	Active alarm 631	Alarm 43:1 MIRU Control no. 6 communication error	0	1			
1x1132	Active alarm 632	Alarm 43:2 MIRU Control no. 6 motor controller alarm tripped	0	1			
1x1133	Active alarm 633	Alarm 43:3 MIRU Control no. 6 motor controller communication error	0	1			
1x1134	Active alarm 634	Alarm 43:4 MIRU Control no. 6 air flow pressure sensor no. 0 communication error	0	1			
1x1135	Active alarm 635	Alarm 43:5 MIRU Control no. 6 pressure regulation sensor no. 1 communication error	0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1136	Active alarm 636	Alarm 43:6 MIRU Control no. 6 temperature sensor defective	0	1			
1x1137	Active alarm 637	Alarm 43:7 MIRU Control no. 6 air flow/pressure set point deviation from alarm limit	0	1			
1x1138	Active alarm 638		0	1			
1x1139	Active alarm 639		0	1			
1x1140	Active alarm 640		0	1			
1x1141	Active alarm 641		0	1			
1x1142	Active alarm 642		0	1			
1x1143	Active alarm 643		0	1			
1x1144	Active alarm 644		0	1			
1x1145	Active alarm 645		0	1			
1x1146	Active alarm 646	Alarm 44:1 MIRU Control no. 7 communication error	0	1			
1x1147	Active alarm 647	Alarm 44:2 MIRU Control no. 7 motor controller alarm tripped	0	1			
1x1148	Active alarm 648	Alarm 44:3 MIRU Control no. 7 motor controller communication error	0	1			
1x1149	Active alarm 649	Alarm 44:4 MIRU Control no. 7 air flow pressure sensor no. 0 communication error	0	1			
1x1150	Active alarm 650	Alarm 44:5 MIRU Control no. 7 pressure regulation sensor no. 1 communication error	0	1			
1x1151	Active alarm 651	Alarm 44:6 MIRU Control no. 7 temperature sensor defective	0	1			
1x1152	Active alarm 652	Alarm 44:7 MIRU Control no. 7 air flow/pressure set point deviation from alarm limit	0	1			
1x1153	Active alarm 653		0	1			
1x1154	Active alarm 654		0	1			
1x1155	Active alarm 655		0	1			
1x1156	Active alarm 656		0	1			
1x1157	Active alarm 657		0	1			
1x1158	Active alarm 658		0	1			
1x1159	Active alarm 659		0	1			
1x1160	Active alarm 660		0	1			
1x1161	Active alarm 661	Alarm 45:1 MIRU Control no. 8 communication error	0	1			
1x1162	Active alarm 662	Alarm 45:2 MIRU Control no. 8 motor controller alarm tripped	0	1			
1x1163	Active alarm 663	Alarm 45:3 MIRU Control no. 8 motor controller communication error	0	1			
1x1164	Active alarm 664	Alarm 45:4 MIRU Control no. 8 air flow pressure sensor no. 0 communication error	0	1			
1x1165	Active alarm 665	Alarm 45:5 MIRU Control no. 8 pressure regulation sensor no. 1 communication error	0	1			
1x1166	Active alarm 666	Alarm 45:6 MIRU Control no. 8 temperature sensor defective	0	1			
1x1167	Active alarm 667	Alarm 45:7 MIRU Control no. 8 air flow/pressure set point deviation from alarm limit	0	1			
1x1168	Active alarm 668		0	1			
1x1169	Active alarm 669		0	1			
1x1170	Active alarm 670		0	1			
1x1171	Active alarm 671		0	1			
1x1172	Active alarm 672		0	1			
1x1173	Active alarm 673		0	1			
1x1174	Active alarm 674		0	1			
1x1175	Active alarm 675		0	1			
1x1176	Active alarm 676	Alarm 46:1 MIRU Control no. 9 communication error	0	1			
1x1177	Active alarm 677	Alarm 46:2 MIRU Control no. 9 motor controller alarm tripped	0	1			
1x1178	Active alarm 678	Alarm 46:3 MIRU Control no. 9 motor controller communication error	0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1179	Active alarm 679	Alarm 46:4 MIRU Control no. 9 air flow pressure sensor no. 0 communication error	0	1			
1x1180	Active alarm 680	Alarm 46:5 MIRU Control no. 9 pressure regulation sensor no. 1 communication error	0	1			
1x1181	Active alarm 681	Alarm 46:6 MIRU Control no. 9 temperature sensor defective	0	1			
1x1182	Active alarm 682	Alarm 46:7 MIRU Control no. 9 air flow/pressure set point deviation from alarm limit	0	1			
1x1183	Active alarm 683		0	1			
1x1184	Active alarm 684		0	1			
1x1185	Active alarm 685		0	1			
1x1186	Active alarm 686		0	1			
1x1187	Active alarm 687		0	1			
1x1188	Active alarm 688		0	1			
1x1189	Active alarm 689		0	1			
1x1190	Active alarm 690		0	1			
1x1191	Active alarm 691	Alarm 47:1 MIRU Control no. 10 communication error	0	1			
1x1192	Active alarm 692	Alarm 47:2 MIRU Control no. 10 motor controller alarm tripped	0	1			
1x1193	Active alarm 693	Alarm 47:3 MIRU Control no. 10 motor controller communication error	0	1			
1x1194	Active alarm 694	Alarm 47:4 MIRU Control no. 10 air flow pressure sensor no. 0 communication error	0	1			
1x1195	Active alarm 695	Alarm 47:5 MIRU Control no. 10 pressure regulation sensor no. 1 communication error	0	1			
1x1196	Active alarm 696	Alarm 47:6 MIRU Control no. 10 temperature sensor defective	0	1			
1x1197	Active alarm 697	Alarm 47:7 MIRU Control no. 10 air flow/pressure set point deviation from alarm limit	0	1			
1x1198	Active alarm 698		0	1			
1x1199	Active alarm 699		0	1			
1x1200	Active alarm 700		0	1			
1x1201	Active alarm 701		0	1			
1x1202	Active alarm 702		0	1			
1x1203	Active alarm 703		0	1			
1x1204	Active alarm 704		0	1			
1x1205	Active alarm 705		0	1			
1x1206	Active alarm 706		0	1			
1x1207	Active alarm 707		0	1			
1x1208	Active alarm 708		0	1			
1x1209	Active alarm 709		0	1			
1x1210	Active alarm 710		0	1			
1x1211	Active alarm 711		0	1			
1x1212	Active alarm 712		0	1			
1x1213	Active alarm 713		0	1			
1x1214	Active alarm 714		0	1			
1x1215	Active alarm 715		0	1			
1x1216	Active alarm 716		0	1			
1x1217	Active alarm 717		0	1			
1x1218	Active alarm 718		0	1			
1x1219	Active alarm 719		0	1			
1x1220	Active alarm 720		0	1			
1x1221	Active alarm 721	Alarm 49:1 Supply air fan no. 1A communication error	0	1			
1x1222	Active alarm 722	Alarm 49:2 Supply air fan no. 1A motor controller over current	0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1223	Active alarm 723	Alarm 49:3 Supply air fan no. 1A motor controller under voltage	0	1			
1x1224	Active alarm 724	Alarm 49:4 Supply air fan no. 1A motor controller over voltage	0	1			
1x1225	Active alarm 725	Alarm 49:5 Supply air fan no. 1A motor controller over temperature	0	1			
1x1226	Active alarm 726	Alarm 49:6 Supply air fan no. 1A motor controller start error	0	1			
1x1227	Active alarm 727	Alarm 49:7 Supply air fan no. 1A motor controller ripple error	0	1			
1x1228	Active alarm 728	Alarm 49:8 Supply air fan no. 1A motor controller phase error	0	1			
1x1229	Active alarm 729	Alarm 49:9 Supply air fan no. 1A motor controller internal memory error	0	1			
1x1230	Active alarm 730	Alarm 49:10 Supply air fan no. 1A motor controller current reduction	0	1			
1x1231	Active alarm 731	Alarm 49:11 Supply air fan no. 1A motor controller internal com. error	0	1			1.18
1x1232	Active alarm 732		0	1			
1x1233	Active alarm 733		0	1			
1x1234	Active alarm 734		0	1			
1x1235	Active alarm 735		0	1			
1x1236	Active alarm 736	Alarm 50:1 Supply air fan no. 2A communication error	0	1			
1x1237	Active alarm 737	Alarm 50:2 Supply air fan no. 2A motor controller over current	0	1			
1x1238	Active alarm 738	Alarm 50:3 Supply air fan no. 2A motor controller under voltage	0	1			
1x1239	Active alarm 739	Alarm 50:4 Supply air fan no. 2A motor controller over voltage	0	1			
1x1240	Active alarm 740	Alarm 50:5 Supply air fan no. 2A motor controller over temperature	0	1			
1x1241	Active alarm 741	Alarm 50:6 Supply air fan no. 2A motor controller start error	0	1			
1x1242	Active alarm 742	Alarm 50:7 Supply air fan no. 2A motor controller ripple error	0	1			
1x1243	Active alarm 743	Alarm 50:8 Supply air fan no. 2A motor controller phase error	0	1			
1x1244	Active alarm 744	Alarm 50:9 Supply air fan no. 2A motor controller internal memory error	0	1			
1x1245	Active alarm 745	Alarm 50:10 Supply air fan no. 2A motor controller current reduction	0	1			
1x1246	Active alarm 746	Alarm 50:11 Supply air fan no. 2A motor controller internal com. Error	0	1			1.18
1x1247	Active alarm 747		0	1			
1x1248	Active alarm 748		0	1			
1x1249	Active alarm 749		0	1			
1x1250	Active alarm 750		0	1			
1x1251	Active alarm 751	Alarm 51:1 Supply air fan no. 3A communication error	0	1			
1x1252	Active alarm 752	Alarm 51:2 Supply air fan no. 3A motor controller over current	0	1			
1x1253	Active alarm 753	Alarm 51:3 Supply air fan no. 3A motor controller under voltage	0	1			
1x1254	Active alarm 754	Alarm 51:4 Supply air fan no. 3A motor controller over voltage	0	1			
1x1255	Active alarm 755	Alarm 51:5 Supply air fan no. 3A motor controller over temperature	0	1			
1x1256	Active alarm 756	Alarm 51:6 Supply air fan no. 3A motor controller start error	0	1			
1x1257	Active alarm 757	Alarm 51:7 Supply air fan no. 3A motor controller ripple error	0	1			
1x1258	Active alarm 758	Alarm 51:8 Supply air fan no. 3A motor controller phase error	0	1			
1x1259	Active alarm 759	Alarm 51:9 Supply air fan no. 3A motor controller internal memory error	0	1			
1x1260	Active alarm 760	Alarm 51:10 Supply air fan no. 3A motor controller current reduction	0	1			
1x1261	Active alarm 761	Alarm 51:11 Supply air fan no. 3A motor controller internal com. error	0	1			1.18
1x1262	Active alarm 762		0	1			
1x1263	Active alarm 763		0	1			
1x1264	Active alarm 764		0	1			
1x1265	Active alarm 765		0	1			
1x1266	Active alarm 766	Alarm 52:1 Supply air fan no. 1B communication error	0	1			
1x1267	Active alarm 767	Alarm 52:2 Supply air fan no. 1B motor controller over current	0	1			
1x1268	Active alarm 768	Alarm 52:3 Supply air fan no. 1B motor controller under voltage	0	1			
1x1269	Active alarm 769	Alarm 52:4 Supply air fan no. 1B motor controller over voltage	0	1			
1x1270	Active alarm 770	Alarm 52:5 Supply air fan no. 1B motor controller over temperature	0	1			
1x1271	Active alarm 771	Alarm 52:6 Supply air fan no. 1B motor controller start error	0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1272	Active alarm 772	Alarm 52:7 Supply air fan no. 1B motor controller ripple error	0	1			
1x1273	Active alarm 773	Alarm 52:8 Supply air fan no. 1B motor controller phase error	0	1			
1x1274	Active alarm 774	Alarm 52:9 Supply air fan no. 1B motor controller internal memory error	0	1			
1x1275	Active alarm 775	Alarm 52:10 Supply air fan no. 1B motor controller current reduction	0	1			
1x1276	Active alarm 776		0	1			
1x1277	Active alarm 777		0	1			
1x1278	Active alarm 778		0	1			
1x1279	Active alarm 779		0	1			
1x1280	Active alarm 780		0	1			
1x1281	Active alarm 781	Alarm 53:1 Supply air fan no. 2B communication error	0	1			
1x1282	Active alarm 782	Alarm 53:2 Supply air fan no. 2B motor controller over current	0	1			
1x1283	Active alarm 783	Alarm 53:3 Supply air fan no. 2B motor controller under voltage	0	1			
1x1284	Active alarm 784	Alarm 53:4 Supply air fan no. 2B motor controller over voltage	0	1			
1x1285	Active alarm 785	Alarm 53:5 Supply air fan no. 2B motor controller over temperature	0	1			
1x1286	Active alarm 786	Alarm 53:6 Supply air fan no. 2B motor controller start error	0	1			
1x1287	Active alarm 787	Alarm 53:7 Supply air fan no. 2B motor controller ripple error	0	1			
1x1288	Active alarm 788	Alarm 53:8 Supply air fan no. 2B motor controller phase error	0	1			
1x1289	Active alarm 789	Alarm 53:9 Supply air fan no. 2B motor controller internal memory error	0	1			
1x1290	Active alarm 790	Alarm 53:10 Supply air fan no. 2B motor controller current reduction	0	1			
1x1291	Active alarm 791		0	1			
1x1292	Active alarm 792		0	1			
1x1293	Active alarm 793		0	1			
1x1294	Active alarm 794		0	1			
1x1295	Active alarm 795		0	1			
1x1296	Active alarm 796	Alarm 54:1 Supply air fan no. 3B communication error	0	1			
1x1297	Active alarm 797	Alarm 54:2 Supply air fan no. 3B motor controller over current	0	1			
1x1298	Active alarm 798	Alarm 54:3 Supply air fan no. 3B motor controller under voltage	0	1			
1x1299	Active alarm 799	Alarm 54:4 Supply air fan no. 3B motor controller over voltage	0	1			
1x1300	Active alarm 800	Alarm 54:5 Supply air fan no. 3B motor controller over temperature	0	1			
1x1301	Active alarm 801	Alarm 54:6 Supply air fan no. 3B motor controller start error	0	1			
1x1302	Active alarm 802	Alarm 54:7 Supply air fan no. 3B motor controller ripple error	0	1			
1x1303	Active alarm 803	Alarm 54:8 Supply air fan no. 3B motor controller phase error	0	1			
1x1304	Active alarm 804	Alarm 54:9 Supply air fan no. 3B motor controller internal memory error	0	1			
1x1305	Active alarm 805	Alarm 54:10 Supply air fan no. 3B motor controller current reduction	0	1			
1x1306	Active alarm 806		0	1			
1x1307	Active alarm 807		0	1			
1x1308	Active alarm 808		0	1			
1x1309	Active alarm 809		0	1			
1x1310	Active alarm 810		0	1			
1x1311	Active alarm 811	Alarm 55:1 Extract air fan no. 1A communication error	0	1			
1x1312	Active alarm 812	Alarm 55:2 Extract air fan no. 1A motor controller over current	0	1			
1x1313	Active alarm 813	Alarm 55:3 Extract air fan no. 1A motor controller under voltage	0	1			
1x1314	Active alarm 814	Alarm 55:4 Extract air fan no. 1A motor controller over voltage	0	1			
1x1315	Active alarm 815	Alarm 55:5 Extract air fan no. 1A motor controller over temperature	0	1			
1x1316	Active alarm 816	Alarm 55:6 Extract air fan no. 1A motor controller start error	0	1			
1x1317	Active alarm 817	Alarm 55:7 Extract air fan no. 1A motor controller ripple error	0	1			
1x1318	Active alarm 818	Alarm 55:8 Extract air fan no. 1A motor controller phase error	0	1			
1x1319	Active alarm 819	Alarm 55:9 Extract air fan no. 1A motor controller internal memory error	0	1			
1x1320	Active alarm 820	Alarm 55:10 Extract air fan no. 1A motor controller current reduction	0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1321	Active alarm 821	Alarm 55:11 Extract air fan no. 1A motor controller internal com. error	0	1			1.18
1x1322	Active alarm 822		0	1			
1x1323	Active alarm 823		0	1			
1x1324	Active alarm 824		0	1			
1x1325	Active alarm 825		0	1			
1x1326	Active alarm 826	Alarm 56:1 Extract air fan no. 2A communication error	0	1			
1x1327	Active alarm 827	Alarm 56:2 Extract air fan no. 2A motor controller over current	0	1			
1x1328	Active alarm 828	Alarm 56:3 Extract air fan no. 2A motor controller under voltage	0	1			
1x1329	Active alarm 829	Alarm 56:4 Extract air fan no. 2A motor controller over voltage	0	1			
1x1330	Active alarm 830	Alarm 56:5 Extract air fan no. 2A motor controller over temperature	0	1			
1x1331	Active alarm 831	Alarm 56:6 Extract air fan no. 2A motor controller start error	0	1			
1x1332	Active alarm 832	Alarm 56:7 Extract air fan no. 2A motor controller ripple error	0	1			
1x1333	Active alarm 833	Alarm 56:8 Extract air fan no. 2A motor controller phase error	0	1			
1x1334	Active alarm 834	Alarm 56:9 Extract air fan no. 2A motor controller internal memory error	0	1			
1x1335	Active alarm 835	Alarm 56:10 Extract air fan no. 2A motor controller current reduction	0	1			
1x1336	Active alarm 836	Alarm 56:11 Extract air fan no. 2A motor controller internal com. Error	0	1			1.18
1x1337	Active alarm 837		0	1			
1x1338	Active alarm 838		0	1			
1x1339	Active alarm 839		0	1			
1x1340	Active alarm 840		0	1			
1x1341	Active alarm 841	Alarm 57:1 Extract air fan no. 3A communication error	0	1			
1x1342	Active alarm 842	Alarm 57:2 Extract air fan no. 3A motor controller over current	0	1			
1x1343	Active alarm 843	Alarm 57:3 Extract air fan no. 3A motor controller under voltage	0	1			
1x1344	Active alarm 844	Alarm 57:4 Extract air fan no. 3A motor controller over voltage	0	1			
1x1345	Active alarm 845	Alarm 57:5 Extract air fan no. 3A motor controller over temperature	0	1			
1x1346	Active alarm 846	Alarm 57:6 Extract air fan no. 3A motor controller start error	0	1			
1x1347	Active alarm 847	Alarm 57:7 Extract air fan no. 3A motor controller ripple error	0	1			
1x1348	Active alarm 848	Alarm 57:8 Extract air fan no. 3A motor controller phase error	0	1			
1x1349	Active alarm 849	Alarm 57:9 Extract air fan no. 3A motor controller internal memory error	0	1			
1x1350	Active alarm 850	Alarm 57:10 Extract air fan no. 3A motor controller current reduction	0	1			
1x1351	Active alarm 851	Alarm 57:11 Extract air fan no. 3A motor controller internal com. error	0	1			1.18
1x1352	Active alarm 852		0	1			
1x1353	Active alarm 853		0	1			
1x1354	Active alarm 854		0	1			
1x1355	Active alarm 855		0	1			
1x1356	Active alarm 856	Alarm 58:1 Extract air fan no. 1B communication error	0	1			
1x1357	Active alarm 857	Alarm 58:2 Extract air fan no. 1B motor controller over current	0	1			
1x1358	Active alarm 858	Alarm 58:3 Extract air fan no. 1B motor controller under voltage	0	1			
1x1359	Active alarm 859	Alarm 58:4 Extract air fan no. 1B motor controller over voltage	0	1			
1x1360	Active alarm 860	Alarm 58:5 Extract air fan no. 1B motor controller over temperature	0	1			
1x1361	Active alarm 861	Alarm 58:6 Extract air fan no. 1B motor controller start error	0	1			
1x1362	Active alarm 862	Alarm 58:7 Extract air fan no. 1B motor controller ripple error	0	1			
1x1363	Active alarm 863	Alarm 58:8 Extract air fan no. 1B motor controller phase error	0	1			
1x1364	Active alarm 864	Alarm 58:9 Extract air fan no. 1B motor controller internal memory error	0	1			
1x1365	Active alarm 865	Alarm 58:10 Extract air fan no. 1B motor controller current reduction	0	1			
1x1366	Active alarm 866		0	1			
1x1367	Active alarm 867		0	1			
1x1368	Active alarm 868		0	1			
1x1369	Active alarm 869		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1370	Active alarm 870		0	1			
1x1371	Active alarm 871	Alarm 59:1 Extract air fan no. 2B communication error	0	1			
1x1372	Active alarm 872	Alarm 59:2 Extract air fan no. 2B motor controller over current	0	1			
1x1373	Active alarm 873	Alarm 59:3 Extract air fan no. 2B motor controller under voltage	0	1			
1x1374	Active alarm 874	Alarm 59:4 Extract air fan no. 2B motor controller over voltage	0	1			
1x1375	Active alarm 875	Alarm 59:5 Extract air fan no. 2B motor controller over temperature	0	1			
1x1376	Active alarm 876	Alarm 59:6 Extract air fan no. 2B motor controller start error	0	1			
1x1377	Active alarm 877	Alarm 59:7 Extract air fan no. 2B motor controller ripple error	0	1			
1x1378	Active alarm 878	Alarm 59:8 Extract air fan no. 2B motor controller phase error	0	1			
1x1379	Active alarm 879	Alarm 59:9 Extract air fan no. 2B motor controller internal memory error	0	1			
1x1380	Active alarm 880	Alarm 59:10 Extract air fan no. 2B motor controller current reduction	0	1			
1x1381	Active alarm 881		0	1			
1x1382	Active alarm 882		0	1			
1x1383	Active alarm 883		0	1			
1x1384	Active alarm 884		0	1			
1x1385	Active alarm 885		0	1			
1x1386	Active alarm 886	Alarm 60:1 Extract air fan no. 3B communication error	0	1			
1x1387	Active alarm 887	Alarm 60:2 Extract air fan no. 3B motor controller over current	0	1			
1x1388	Active alarm 888	Alarm 60:3 Extract air fan no. 3B motor controller under voltage	0	1			
1x1389	Active alarm 889	Alarm 60:4 Extract air fan no. 3B motor controller over voltage	0	1			
1x1390	Active alarm 890	Alarm 60:5 Extract air fan no. 3B motor controller over temperature	0	1			
1x1391	Active alarm 891	Alarm 60:6 Extract air fan no. 3B motor controller start error	0	1			
1x1392	Active alarm 892	Alarm 60:7 Extract air fan no. 3B motor controller ripple error	0	1			
1x1393	Active alarm 893	Alarm 60:8 Extract air fan no. 3B motor controller phase error	0	1			
1x1394	Active alarm 894	Alarm 60:9 Extract air fan no. 3B motor controller internal memory error	0	1			
1x1395	Active alarm 895	Alarm 60:10 Extract air fan no. 3B motor controller current reduction	0	1			
1x1396	Active alarm 896		0	1			
1x1397	Active alarm 897		0	1			
1x1398	Active alarm 898		0	1			
1x1399	Active alarm 899		0	1			
1x1400	Active alarm 900		0	1			
1x1401	Active alarm 901	Alarm 61:1 Supply air fan no. 1A I/O-module com. error	0	1			1.18
1x1402	Active alarm 902		0	1			
1x1403	Active alarm 903		0	1			
1x1404	Active alarm 904		0	1			
1x1405	Active alarm 905		0	1			
1x1406	Active alarm 906	Alarm 61:6 Supply air fan no. 2A I/O-module com. error	0	1			1.18
1x1407	Active alarm 907		0	1			
1x1408	Active alarm 908		0	1			
1x1409	Active alarm 909		0	1			
1x1410	Active alarm 910		0	1			
1x1411	Active alarm 911	Alarm 61:11 Supply air fan no. 3A I/O-module com. error	0	1			1.18
1x1412	Active alarm 912		0	1			
1x1413	Active alarm 913		0	1			
1x1414	Active alarm 914		0	1			
1x1415	Active alarm 915		0	1			
1x1416	Active alarm 916	Alarm 62:1 Extract air fan no. 1A I/O-module com. error	0	1			1.18
1x1417	Active alarm 917		0	1			
1x1418	Active alarm 918		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1419	Active alarm 919		0	1			
1x1420	Active alarm 920		0	1			
1x1421	Active alarm 921	Alarm 62:6 Extract air fan no. 2A I/O-module com. error	0	1			1.18
1x1422	Active alarm 922		0	1			
1x1423	Active alarm 923		0	1			
1x1424	Active alarm 924		0	1			
1x1425	Active alarm 925		0	1			
1x1426	Active alarm 926	Alarm 62:11 Extract air fan no. 3A I/O-module com. error	0	1			1.18
1x1427	Active alarm 927		0	1			
1x1428	Active alarm 928		0	1			
1x1429	Active alarm 929		0	1			
1x1430	Active alarm 930		0	1			
1x1431	Active alarm 931	Alarm 63:1 MIRU 1 I/O-module com. error	0	1			1.25
1x1432	Active alarm 932		0	1			
1x1433	Active alarm 933		0	1			
1x1434	Active alarm 934		0	1			
1x1435	Active alarm 935		0	1			
1x1436	Active alarm 936	Alarm 63:6 MIRU 2 I/O-module com. error	0	1			1.25
1x1437	Active alarm 937		0	1			
1x1438	Active alarm 938		0	1			
1x1439	Active alarm 939		0	1			
1x1440	Active alarm 940		0	1			
1x1441	Active alarm 941	Alarm 63:11 MIRU 3 I/O-module com. error	0	1			1.25
1x1442	Active alarm 942		0	1			
1x1443	Active alarm 943		0	1			
1x1444	Active alarm 944		0	1			
1x1445	Active alarm 945		0	1			
1x1446	Active alarm 946	Alarm 64:1 Supply air fan no. 1A common A-alarm	0	1			2.38
1x1447	Active alarm 947		0	1			
1x1448	Active alarm 948	Alarm 64:3 Supply air fan no. 1A common B-alarm	0	1			2.38
1x1449	Active alarm 949		0	1			
1x1450	Active alarm 950	Alarm 64:5 Supply air fan no. 1A common warning	0	1			2.38
1x1451	Active alarm 951	Alarm 64:6 Supply air fan no. 2A common A-alarm	0	1			2.38
1x1452	Active alarm 952		0	1			
1x1453	Active alarm 953	Alarm 64:8 Supply air fan no. 2A common B-alarm	0	1			2.38
1x1454	Active alarm 954		0	1			
1x1455	Active alarm 955	Alarm 64:10 Supply air fan no. 2A common warning	0	1			2.38
1x1456	Active alarm 956	Alarm 64:11 Supply air fan no. 3A common A-alarm	0	1			2.38
1x1457	Active alarm 957		0	1			
1x1458	Active alarm 958	Alarm 64:13 Supply air fan no. 3A common B-alarm	0	1			2.38
1x1459	Active alarm 959		0	1			
1x1460	Active alarm 960	Alarm 64:15 Supply air fan no. 3A common warning	0	1			2.38
1x1461	Active alarm 961	Alarm 65:1 Extract air fan no. 1A common A-alarm	0	1			2.38
1x1462	Active alarm 962		0	1			
1x1463	Active alarm 963	Alarm 65:3 Extract air fan no. 1A common B-alarm	0	1			2.38
1x1464	Active alarm 964		0	1			
1x1465	Active alarm 965	Alarm 65:5 Extract air fan no. 1A common warning	0	1			2.38
1x1466	Active alarm 966	Alarm 65:6 Extract air fan no. 2A common A-alarm	0	1			2.38
1x1467	Active alarm 967		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1468	Active alarm 968	Alarm 65:8 Extract air fan no. 2A common B-alarm	0	1			2.38
1x1469	Active alarm 969		0	1			
1x1470	Active alarm 970	Alarm 65:10 Extract air fan no. 2A common warning	0	1			2.38
1x1471	Active alarm 971	Alarm 65:11 Extract air fan no. 3A common A-alarm	0	1			2.38
1x1472	Active alarm 972		0	1			
1x1473	Active alarm 973	Alarm 65:13 Extract air fan no. 3A common B-alarm	0	1			2.38
1x1474	Active alarm 974		0	1			
1x1475	Active alarm 975	Alarm 65:15 Extract air fan no. 3A common warning	0	1			2.38
1x1476	Active alarm 976		0	1			
1x1477	Active alarm 977		0	1			
1x1478	Active alarm 978		0	1			
1x1479	Active alarm 979		0	1			
1x1480	Active alarm 980		0	1			
1x1481	Active alarm 981		0	1			
1x1482	Active alarm 982		0	1			
1x1483	Active alarm 983		0	1			
1x1484	Active alarm 984		0	1			
1x1485	Active alarm 985		0	1			
1x1486	Active alarm 986		0	1			
1x1487	Active alarm 987		0	1			
1x1488	Active alarm 988		0	1			
1x1489	Active alarm 989		0	1			
1x1490	Active alarm 990		0	1			
1x1491	Active alarm 991		0	1			
1x1492	Active alarm 992		0	1			
1x1493	Active alarm 993		0	1			
1x1494	Active alarm 994		0	1			
1x1495	Active alarm 995		0	1			
1x1496	Active alarm 996		0	1			
1x1497	Active alarm 997		0	1			
1x1498	Active alarm 998		0	1			
1x1499	Active alarm 999		0	1			
1x1500	Active alarm 1000		0	1			
1x1501	Active alarm 1001		0	1			
1x1502	Active alarm 1002		0	1			
1x1503	Active alarm 1003		0	1			
1x1504	Active alarm 1004		0	1			
1x1505	Active alarm 1005		0	1			
1x1506	Active alarm 1006		0	1			
1x1507	Active alarm 1007		0	1			
1x1508	Active alarm 1008		0	1			
1x1509	Active alarm 1009		0	1			
1x1510	Active alarm 1010		0	1			
1x1511	Active alarm 1011		0	1			
1x1512	Active alarm 1012		0	1			
1x1513	Active alarm 1013		0	1			
1x1514	Active alarm 1014		0	1			
1x1515	Active alarm 1015		0	1			
1x1516	Active alarm 1016		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1517	Active alarm 1017		0	1			
1x1518	Active alarm 1018		0	1			
1x1519	Active alarm 1019		0	1			
1x1520	Active alarm 1020		0	1			
1x1521	Active alarm 1021		0	1			
1x1522	Active alarm 1022		0	1			
1x1523	Active alarm 1023		0	1			
1x1524	Active alarm 1024		0	1			
1x1525	Active alarm 1025		0	1			
1x1526	Active alarm 1026		0	1			
1x1527	Active alarm 1027		0	1			
1x1528	Active alarm 1028		0	1			
1x1529	Active alarm 1029		0	1			
1x1530	Active alarm 1030		0	1			
1x1531	Active alarm 1031		0	1			
1x1532	Active alarm 1032		0	1			
1x1533	Active alarm 1033		0	1			
1x1534	Active alarm 1034		0	1			
1x1535	Active alarm 1035		0	1			
1x1536	Active alarm 1036	Alarm 70:1 H/C controls com. Error	0	1			1.23
1x1537	Active alarm 1037	Alarm 70:2 H/C controls internal memory error	0	1			1.23
1x1538	Active alarm 1038	Alarm 70:3 H/C controls clock circuit defective	0	1			1.23
1x1539	Active alarm 1039		0	1			
1x1540	Active alarm 1040	Alarm 70:5 H/C defrost pressure sensor no. D com. Error	0	1			1.23
1x1541	Active alarm 1041	Alarm 70:6 H/C defrost I/O-module no. 5 com. Error	0	1			1.23
1x1542	Active alarm 1042	Alarm 70:7 H/C defrost recirculation damper monitoring tripped	0	1			1.23
1x1543	Active alarm 1043	Alarm 70:8 H/C defrost electrical heater overheat protection tripped	0	1			1.23
1x1544	Active alarm 1044	Alarm 70:9 H/C defrost time above alarm limit	0	1			1.23
1x1545	Active alarm 1045		0	1			
1x1546	Active alarm 1046	Alarm 70:11 H/C defrost interval above alarm limit	0	1			1.27
1x1547	Active alarm 1047	Alarm 70:12 H/C wrong phase sequence	0	1			1.27
1x1548	Active alarm 1048		0	1			
1x1549	Active alarm 1049		0	1			
1x1550	Active alarm 1050		0	1			
1x1551	Active alarm 1051	Alarm 71:1 H/C compressor motor control com. Error	0	1			1.23
1x1552	Active alarm 1052	Alarm 71:2 H/C compressor motor control start error	0	1			1.23
1x1553	Active alarm 1053	Alarm 71:3 H/C compressor motor controller over or under voltage	0	1			1.23
1x1554	Active alarm 1054	Alarm 71:4 H/C compressor out of operation range	0	1			1.23
1x1555	Active alarm 1055		0	1			
1x1556	Active alarm 1056		0	1			
1x1557	Active alarm 1057		0	1			
1x1558	Active alarm 1058		0	1			
1x1559	Active alarm 1059	Alarm 71:9 H/C expansion valve controller com. Error	0	1			1.23
1x1560	Active alarm 1060		0	1			
1x1561	Active alarm 1061		0	1			
1x1562	Active alarm 1062		0	1			
1x1563	Active alarm 1063		0	1			
1x1564	Active alarm 1064		0	1			
1x1565	Active alarm 1065		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1566	Active alarm 1066	Alarm 72:1 H/C high pressure switch tripped	0	1			1.23
1x1567	Active alarm 1067	Alarm 72:2 H/C high pressure above alarm limit	0	1			1.23
1x1568	Active alarm 1068	Alarm 72:3 H/C thermal switch compressor no. 1 tripped	0	1			2.46
1x1569	Active alarm 1069	Alarm 72:4 H/C discharge temperature above alarm limit	0	1			1.23
1x1570	Active alarm 1070	Alarm 72:5 H/C discharge temperature sensor defective	0	1			1.23
1x1571	Active alarm 1071	Alarm 72:6 H/C high pressure sensor defective	0	1			1.23
1x1572	Active alarm 1072	Alarm 72:7 H/C low pressure sensor defective	0	1			1.23
1x1573	Active alarm 1073	Alarm 72:8 H/C suction temperature sensor defective	0	1			1.23
1x1574	Active alarm 1074	Alarm 72:9 H/C pressure difference below alarm limit	0	1			1.23
1x1575	Active alarm 1075	Alarm 72:10 H/C maintenance and compressor	0	1			1.23
1x1576	Active alarm 1076	Alarm 72:11 H/C superheat temperature below alarm limit	0	1			1.23
1x1577	Active alarm 1077	Alarm 72:12 H/C unloading of low pressure	0	1			1.23
1x1578	Active alarm 1078	Alarm 72:13 H/C unloading of high pressure	0	1			1.23
1x1579	Active alarm 1079	Alarm 72:14 H/C low pressure below alarm limit	0	1			1.23
1x1580	Active alarm 1080	Alarm 72:15 H/C thermal switch compressor no. 2 tripped	0	1			2.46
1x1581	Active alarm 1081		0	1			
1x1582	Active alarm 1082		0	1			
1x1583	Active alarm 1083		0	1			
1x1584	Active alarm 1084		0	1			
1x1585	Active alarm 1085		0	1			
1x1586	Active alarm 1086		0	1			
1x1587	Active alarm 1087		0	1			
1x1588	Active alarm 1088		0	1			
1x1589	Active alarm 1089		0	1			
1x1590	Active alarm 1090		0	1			
1x1591	Active alarm 1091		0	1			
1x1592	Active alarm 1092		0	1			
1x1593	Active alarm 1093		0	1			
1x1594	Active alarm 1094		0	1			
1x1595	Active alarm 1095		0	1			
1x1596	Active alarm 1096		0	1			
1x1597	Active alarm 1097		0	1			
1x1598	Active alarm 1098		0	1			
1x1599	Active alarm 1099		0	1			
1x1600	Active alarm 1100		0	1			
1x1601	Active alarm 1101		0	1			
1x1602	Active alarm 1102		0	1			
1x1603	Active alarm 1103		0	1			
1x1604	Active alarm 1104		0	1			
1x1605	Active alarm 1105		0	1			
1x1606	Active alarm 1106		0	1			
1x1607	Active alarm 1107		0	1			
1x1608	Active alarm 1108		0	1			
1x1609	Active alarm 1109		0	1			
1x1610	Active alarm 1110		0	1			
1x1611	Active alarm 1111		0	1			
1x1612	Active alarm 1112		0	1			
1x1613	Active alarm 1113		0	1			
1x1614	Active alarm 1114		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1615	Active alarm 1115		0	1			
1x1616	Active alarm 1116		0	1			
1x1617	Active alarm 1117		0	1			
1x1618	Active alarm 1118		0	1			
1x1619	Active alarm 1119		0	1			
1x1620	Active alarm 1120		0	1			
1x1621	Active alarm 1121		0	1			
1x1622	Active alarm 1122		0	1			
1x1623	Active alarm 1123		0	1			
1x1624	Active alarm 1124		0	1			
1x1625	Active alarm 1125		0	1			
1x1626	Active alarm 1126		0	1			
1x1627	Active alarm 1127		0	1			
1x1628	Active alarm 1128		0	1			
1x1629	Active alarm 1129		0	1			
1x1630	Active alarm 1130		0	1			
1x1631	Active alarm 1131		0	1			
1x1632	Active alarm 1132		0	1			
1x1633	Active alarm 1133		0	1			
1x1634	Active alarm 1134		0	1			
1x1635	Active alarm 1135		0	1			
1x1636	Active alarm 1136		0	1			
1x1637	Active alarm 1137		0	1			
1x1638	Active alarm 1138		0	1			
1x1639	Active alarm 1139		0	1			
1x1640	Active alarm 1140		0	1			
1x1641	Active alarm 1141		0	1			
1x1642	Active alarm 1142	Alarm 77:2 MIRU 1 motor controller over current	0	1			1.25
1x1643	Active alarm 1143	Alarm 77:3 MIRU 1 motor controller under voltage	0	1			1.25
1x1644	Active alarm 1144	Alarm 77:4 MIRU 1 motor controller over voltage	0	1			1.25
1x1645	Active alarm 1145	Alarm 77:5 MIRU 1 motor controller over temperature	0	1			1.25
1x1646	Active alarm 1146	Alarm 77:6 MIRU 1 motor controller start error	0	1			1.25
1x1647	Active alarm 1147	Alarm 77:7 MIRU 1 motor controller ripple error	0	1			1.25
1x1648	Active alarm 1148	Alarm 77:8 MIRU 1 motor controller phase error	0	1			1.25
1x1649	Active alarm 1149	Alarm 77:9 MIRU 1 motor controller internal memory error	0	1			1.25
1x1650	Active alarm 1150	Alarm 77:10 MIRU 1 motor controller current reduction	0	1			1.25
1x1651	Active alarm 1151	Alarm 77:11 MIRU 1 motor controller internal com. error	0	1			1.25
1x1652	Active alarm 1152		0	1			
1x1653	Active alarm 1153		0	1			
1x1654	Active alarm 1154		0	1			
1x1655	Active alarm 1155		0	1			
1x1656	Active alarm 1156		0	1			
1x1657	Active alarm 1157	Alarm 78:2 MIRU 2 motor controller over current	0	1			1.25
1x1658	Active alarm 1158	Alarm 78:3 MIRU 2 motor controller under voltage	0	1			1.25
1x1659	Active alarm 1159	Alarm 78:4 MIRU 2 motor controller over voltage	0	1			1.25
1x1660	Active alarm 1160	Alarm 78:5 MIRU 2 motor controller over temperature	0	1			1.25
1x1661	Active alarm 1161	Alarm 78:6 MIRU 2 motor controller start error	0	1			1.25
1x1662	Active alarm 1162	Alarm 78:7 MIRU 2 motor controller ripple error	0	1			1.25
1x1663	Active alarm 1163	Alarm 78:8 MIRU 2 motor controller phase error	0	1			1.25

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1664	Active alarm 1164	Alarm 78:9 MIRU 2 motor controller internal memory error	0	1			1.25
1x1665	Active alarm 1165	Alarm 78:10 MIRU 2 motor controller current reduction	0	1			1.25
1x1666	Active alarm 1166	Alarm 78:11 MIRU 2 motor controller internal com. error	0	1			1.25
1x1667	Active alarm 1167		0	1			
1x1668	Active alarm 1168		0	1			
1x1669	Active alarm 1169		0	1			
1x1670	Active alarm 1170		0	1			
1x1671	Active alarm 1171		0	1			
1x1672	Active alarm 1172	Alarm 79:2 MIRU 3 motor controller over current	0	1			1.25
1x1673	Active alarm 1173	Alarm 79:3 MIRU 3 motor controller under voltage	0	1			1.25
1x1674	Active alarm 1174	Alarm 79:4 MIRU 3 motor controller over voltage	0	1			1.25
1x1675	Active alarm 1175	Alarm 79:5 MIRU 3 motor controller over temperature	0	1			1.25
1x1676	Active alarm 1176	Alarm 79:6 MIRU 3 motor controller start error	0	1			1.25
1x1677	Active alarm 1177	Alarm 79:7 MIRU 3 motor controller ripple error	0	1			1.25
1x1678	Active alarm 1178	Alarm 79:8 MIRU 3 motor controller phase error	0	1			1.25
1x1679	Active alarm 1179	Alarm 79:9 MIRU 3 motor controller internal memory error	0	1			1.25
1x1680	Active alarm 1180	Alarm 79:10 MIRU 3 motor controller current reduction	0	1			1.25
1x1681	Active alarm 1181	Alarm 79:11 MIRU 3 motor controller internal com. error	0	1			1.25
1x1682	Active alarm 1182		0	1			
1x1683	Active alarm 1183		0	1			
1x1684	Active alarm 1184		0	1			
1x1685	Active alarm 1185		0	1			
1x1686	Active alarm 1186		0	1			
1x1687	Active alarm 1187		0	1			
1x1688	Active alarm 1188		0	1			
1x1689	Active alarm 1189		0	1			
1x1690	Active alarm 1190		0	1			
1x1691	Active alarm 1191		0	1			
1x1692	Active alarm 1192		0	1			
1x1693	Active alarm 1193		0	1			
1x1694	Active alarm 1194		0	1			
1x1695	Active alarm 1195		0	1			
1x1696	Active alarm 1196		0	1			
1x1697	Active alarm 1197		0	1			
1x1698	Active alarm 1198		0	1			
1x1699	Active alarm 1199		0	1			
1x1700	Active alarm 1200		0	1			
1x1701	Active alarm 1201		0	1			
1x1702	Active alarm 1202	Alarm 81:2 SMART Link no. 1 supply air flow below defrost alarm limit	0	1			1.25
1x1703	Active alarm 1203	Alarm 81:3 SMART Link no. 1 High pressure switch tripped	0	1			1.27
1x1704	Active alarm 1204	Alarm 81:4 SMART Link no. 1 High pressure above alarm limit	0	1			1.27
1x1705	Active alarm 1205	Alarm 81:5 SMART Link no. 1 Low pressure below alarm limit	0	1			1.27
1x1706	Active alarm 1206	Alarm 81:6 SMART Link no. 1 Evaporation temperature below alarm limit	0	1			1.27
1x1707	Active alarm 1207	Alarm 81:7 SMART Link no. 1 Inverter group alarm (Power+)	0	1			1.27
1x1708	Active alarm 1208	Alarm 81:8 SMART Link no. 1 Envelope alarm	0	1			1.27
1x1709	Active alarm 1209	Alarm 81:9 SMART Link no. 1 Starting up of faulty compressor	0	1			1.27
1x1710	Active alarm 1210	Alarm 81:10 SMART Link no. 1 Discharge temperature above alarm limit	0	1			1.27
1x1711	Active alarm 1211	Alarm 81:11 SMART Link no. 1 Pressure difference below alarm limit	0	1			1.27
1x1712	Active alarm 1212		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1713	Active alarm 1213		0	1			
1x1714	Active alarm 1214		0	1			
1x1715	Active alarm 1215		0	1			
1x1716	Active alarm 1216		0	1			
1x1717	Active alarm 1217	Alarm 82:2 SMART Link no. 2 supply air flow below defrost alarm limit	0	1			1.25
1x1718	Active alarm 1218	Alarm 82:3 SMART Link no. 2 High pressure switch tripped	0	1			1.27
1x1719	Active alarm 1219	Alarm 82:4 SMART Link no. 2 High pressure above alarm limit	0	1			1.27
1x1720	Active alarm 1220	Alarm 82:5 SMART Link no. 2 Low pressure below alarm limit	0	1			1.27
1x1721	Active alarm 1221	Alarm 82:6 SMART Link no. 2 Evaporation temperature below alarm limit	0	1			1.27
1x1722	Active alarm 1222	Alarm 82:7 SMART Link no. 2 Inverter group alarm (Power+)	0	1			1.27
1x1723	Active alarm 1223	Alarm 82:8 SMART Link no. 2 Envelope alarm	0	1			1.27
1x1724	Active alarm 1224	Alarm 82:9 SMART Link no. 2 Starting up of faulty compressor	0	1			1.27
1x1725	Active alarm 1225	Alarm 82:10 SMART Link no. 2 Discharge temperature above alarm limit	0	1			1.27
1x1726	Active alarm 1226	Alarm 82:11 SMART Link no. 2 Pressure difference below alarm limit	0	1			1.27
1x1727	Active alarm 1227		0	1			
1x1728	Active alarm 1228		0	1			
1x1729	Active alarm 1229		0	1			
1x1730	Active alarm 1230		0	1			
1x1731	Active alarm 1231		0	1			
1x1732	Active alarm 1232	Alarm 83:2 SMART Link no. 3 supply air flow below defrost alarm limit	0	1			1.25
1x1733	Active alarm 1233	Alarm 83:3 SMART Link no. 3 High pressure switch tripped	0	1			1.27
1x1734	Active alarm 1234	Alarm 83:4 SMART Link no. 3 High pressure above alarm limit	0	1			1.27
1x1735	Active alarm 1235	Alarm 83:5 SMART Link no. 3 Low pressure below alarm limit	0	1			1.27
1x1736	Active alarm 1236	Alarm 83:6 SMART Link no. 3 Evaporation temperature below alarm limit	0	1			1.27
1x1737	Active alarm 1237	Alarm 83:7 SMART Link no. 3 Inverter group alarm (Power+)	0	1			1.27
1x1738	Active alarm 1238	Alarm 83:8 SMART Link no. 3 Envelope alarm	0	1			1.27
1x1739	Active alarm 1239	Alarm 83:9 SMART Link no. 3 Starting up of faulty compressor	0	1			1.27
1x1740	Active alarm 1240	Alarm 83:10 SMART Link no. 3 Discharge temperature above alarm limit	0	1			1.27
1x1741	Active alarm 1241	Alarm 83:11 SMART Link no. 3 Pressure difference below alarm limit	0	1			1.27
1x1742	Active alarm 1242		0	1			
1x1743	Active alarm 1243		0	1			
1x1744	Active alarm 1244		0	1			
1x1745	Active alarm 1245		0	1			
1x1746	Active alarm 1246		0	1			
1x1747	Active alarm 1247	Alarm 84:2 SMART Link no. 4 supply air flow below defrost alarm limit	0	1			1.25
1x1748	Active alarm 1248	Alarm 84:3 SMART Link no. 4 High pressure switch tripped	0	1			1.27
1x1749	Active alarm 1249	Alarm 84:4 SMART Link no. 4 High pressure above alarm limit	0	1			1.27
1x1750	Active alarm 1250	Alarm 84:5 SMART Link no. 4 Low pressure below alarm limit	0	1			1.27
1x1751	Active alarm 1251	Alarm 84:6 SMART Link no. 4 Evaporation temperature below alarm limit	0	1			1.27
1x1752	Active alarm 1252	Alarm 84:7 SMART Link no. 4 Inverter group alarm (Power+)	0	1			1.27
1x1753	Active alarm 1253	Alarm 84:8 SMART Link no. 4 Envelope alarm	0	1			1.27
1x1754	Active alarm 1254	Alarm 84:9 SMART Link no. 4 Starting up of faulty compressor	0	1			1.27
1x1755	Active alarm 1255	Alarm 84:10 SMART Link no. 4 Discharge temperature above alarm limit	0	1			1.27
1x1756	Active alarm 1256	Alarm 84:11 SMART Link no. 4 Pressure difference below alarm limit	0	1			1.27
1x1757	Active alarm 1257		0	1			
1x1758	Active alarm 1258		0	1			
1x1759	Active alarm 1259		0	1			
1x1760	Active alarm 1260		0	1			
1x1761	Active alarm 1261		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1762	Active alarm 1262		0	1			
1x1763	Active alarm 1263		0	1			
1x1764	Active alarm 1264		0	1			
1x1765	Active alarm 1265		0	1			
1x1766	Active alarm 1266		0	1			
1x1767	Active alarm 1267		0	1			
1x1768	Active alarm 1268		0	1			
1x1769	Active alarm 1269		0	1			
1x1770	Active alarm 1270		0	1			
1x1771	Active alarm 1271		0	1			
1x1772	Active alarm 1272		0	1			
1x1773	Active alarm 1273		0	1			
1x1774	Active alarm 1274		0	1			
1x1775	Active alarm 1275		0	1			
1x1776	Active alarm 1276		0	1			
1x1777	Active alarm 1277		0	1			
1x1778	Active alarm 1278		0	1			
1x1779	Active alarm 1279		0	1			
1x1780	Active alarm 1280		0	1			
1x1781	Active alarm 1281		0	1			
1x1782	Active alarm 1282		0	1			
1x1783	Active alarm 1283		0	1			
1x1784	Active alarm 1284		0	1			
1x1785	Active alarm 1285		0	1			
1x1786	Active alarm 1286		0	1			
1x1787	Active alarm 1287		0	1			
1x1788	Active alarm 1288		0	1			
1x1789	Active alarm 1289		0	1			
1x1790	Active alarm 1290		0	1			
1x1791	Active alarm 1291		0	1			
1x1792	Active alarm 1292		0	1			
1x1793	Active alarm 1293		0	1			
1x1794	Active alarm 1294		0	1			
1x1795	Active alarm 1295		0	1			
1x1796	Active alarm 1296		0	1			
1x1797	Active alarm 1297		0	1			
1x1798	Active alarm 1298		0	1			
1x1799	Active alarm 1299		0	1			
1x1800	Active alarm 1300		0	1			
1x1801	Active alarm 1301		0	1			
1x1802	Active alarm 1302		0	1			
1x1803	Active alarm 1303		0	1			
1x1804	Active alarm 1304		0	1			
1x1805	Active alarm 1305		0	1			
1x1806	Active alarm 1306		0	1			
1x1807	Active alarm 1307		0	1			
1x1808	Active alarm 1308		0	1			
1x1809	Active alarm 1309		0	1			
1x1810	Active alarm 1310		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1811	Active alarm 1311		0	1			
1x1812	Active alarm 1312		0	1			
1x1813	Active alarm 1313		0	1			
1x1814	Active alarm 1314		0	1			
1x1815	Active alarm 1315		0	1			
1x1816	Active alarm 1316		0	1			
1x1817	Active alarm 1317		0	1			
1x1818	Active alarm 1318		0	1			
1x1819	Active alarm 1319		0	1			
1x1820	Active alarm 1320		0	1			
1x1821	Active alarm 1321		0	1			
1x1822	Active alarm 1322		0	1			
1x1823	Active alarm 1323		0	1			
1x1824	Active alarm 1324		0	1			
1x1825	Active alarm 1325		0	1			
1x1826	Active alarm 1326		0	1			
1x1827	Active alarm 1327		0	1			
1x1828	Active alarm 1328		0	1			
1x1829	Active alarm 1329		0	1			
1x1830	Active alarm 1330		0	1			
1x1831	Active alarm 1331		0	1			
1x1832	Active alarm 1332		0	1			
1x1833	Active alarm 1333		0	1			
1x1834	Active alarm 1334		0	1			
1x1835	Active alarm 1335		0	1			
1x1836	Active alarm 1336		0	1			
1x1837	Active alarm 1337		0	1			
1x1838	Active alarm 1338		0	1			
1x1839	Active alarm 1339		0	1			
1x1840	Active alarm 1340		0	1			
1x1841	Active alarm 1341		0	1			
1x1842	Active alarm 1342		0	1			
1x1843	Active alarm 1343		0	1			
1x1844	Active alarm 1344		0	1			
1x1845	Active alarm 1345		0	1			
1x1846	Active alarm 1346		0	1			
1x1847	Active alarm 1347		0	1			
1x1848	Active alarm 1348		0	1			
1x1849	Active alarm 1349		0	1			
1x1850	Active alarm 1350		0	1			
1x1851	Active alarm 1351		0	1			
1x1852	Active alarm 1352		0	1			
1x1853	Active alarm 1353		0	1			
1x1854	Active alarm 1354		0	1			
1x1855	Active alarm 1355		0	1			
1x1856	Active alarm 1356		0	1			
1x1857	Active alarm 1357		0	1			
1x1858	Active alarm 1358		0	1			
1x1859	Active alarm 1359		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1860	Active alarm 1360		0	1			
1x1861	Active alarm 1361		0	1			
1x1862	Active alarm 1362		0	1			
1x1863	Active alarm 1363		0	1			
1x1864	Active alarm 1364		0	1			
1x1865	Active alarm 1365		0	1			
1x1866	Active alarm 1366		0	1			
1x1867	Active alarm 1367		0	1			
1x1868	Active alarm 1368		0	1			
1x1869	Active alarm 1369		0	1			
1x1870	Active alarm 1370		0	1			
1x1871	Active alarm 1371		0	1			
1x1872	Active alarm 1372		0	1			
1x1873	Active alarm 1373		0	1			
1x1874	Active alarm 1374		0	1			
1x1875	Active alarm 1375		0	1			
1x1876	Active alarm 1376		0	1			
1x1877	Active alarm 1377		0	1			
1x1878	Active alarm 1378		0	1			
1x1879	Active alarm 1379		0	1			
1x1880	Active alarm 1380		0	1			
1x1881	Active alarm 1381		0	1			
1x1882	Active alarm 1382		0	1			
1x1883	Active alarm 1383		0	1			
1x1884	Active alarm 1384		0	1			
1x1885	Active alarm 1385		0	1			
1x1886	Active alarm 1386		0	1			
1x1887	Active alarm 1387		0	1			
1x1888	Active alarm 1388		0	1			
1x1889	Active alarm 1389		0	1			
1x1890	Active alarm 1390		0	1			
1x1891	Active alarm 1391		0	1			
1x1892	Active alarm 1392		0	1			
1x1893	Active alarm 1393		0	1			
1x1894	Active alarm 1394		0	1			
1x1895	Active alarm 1395		0	1			
1x1896	Active alarm 1396		0	1			
1x1897	Active alarm 1397		0	1			
1x1898	Active alarm 1398		0	1			
1x1899	Active alarm 1399		0	1			
1x1900	Active alarm 1400		0	1			
1x1901	Active alarm 1401		0	1			
1x1902	Active alarm 1402		0	1			
1x1903	Active alarm 1403		0	1			
1x1904	Active alarm 1404		0	1			
1x1905	Active alarm 1405		0	1			
1x1906	Active alarm 1406		0	1			
1x1907	Active alarm 1407		0	1			
1x1908	Active alarm 1408		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1909	Active alarm 1409		0	1			
1x1910	Active alarm 1410		0	1			
1x1911	Active alarm 1411	Info 95:1 Supply air pre filter calibration performed at low air flow	0	1			2.40
1x1912	Active alarm 1412	Info 95:2 Extract air pre filter calibration performed at low air flow	0	1			2.40
1x1913	Active alarm 1413	Info 95:3 Supply air AHU filter calibration performed at low air flow	0	1			2.40
1x1914	Active alarm 1414	Info 95:4 Extract air AHU filter calibration performed at low air flow	0	1			2.40
1x1915	Active alarm 1415	Info 95:5 End filter calibration performed at low air flow	0	1			2.40
1x1916	Active alarm 1416		0	1			
1x1917	Active alarm 1417		0	1			
1x1918	Active alarm 1418		0	1			
1x1919	Active alarm 1419		0	1			
1x1920	Active alarm 1420		0	1			
1x1921	Active alarm 1421		0	1			
1x1922	Active alarm 1422		0	1			
1x1923	Active alarm 1423		0	1			
1x1924	Active alarm 1424	Info 95:14 Reduced humidity recovery time above alarm limit	0	1			2.43
1x1925	Active alarm 1425	Info 95:15 Supply air humidity level above outdoor air level	0	1			2.43
1x1926	Active alarm 1426	Info 96:1 H/C defrost calibration not performed	0	1			1.27
1x1927	Active alarm 1427	Info 96:2 H/C defrost calibration not approved	0	1			1.27
1x1928	Active alarm 1428	Info 96:3 H/C minimum SA flow limit below factory setting	0	1			1.27
1x1929	Active alarm 1429	Info 96:4 H/C minimum EA flow limit below factory setting	0	1			1.27
1x1930	Active alarm 1430	Info 96:5 H/C OA temp limit for heating below factory setting	0	1			1.27
1x1931	Active alarm 1431		0	1			
1x1932	Active alarm 1432		0	1			
1x1933	Active alarm 1433		0	1			
1x1934	Active alarm 1434		0	1			
1x1935	Active alarm 1435		0	1			
1x1936	Active alarm 1436		0	1			
1x1937	Active alarm 1437		0	1			
1x1938	Active alarm 1438		0	1			
1x1939	Active alarm 1439		0	1			
1x1940	Active alarm 1440		0	1			
1x1941	Active alarm 1441	Info 97:1 Cloud connection offline	0	1			2.42
1x1942	Active alarm 1442	Info 97:2 Cloud certificate missing/expired	0	1			2.42
1x1943	Active alarm 1443		0	1			
1x1944	Active alarm 1444		0	1			
1x1945	Active alarm 1445		0	1			
1x1946	Active alarm 1446		0	1			
1x1947	Active alarm 1447		0	1			
1x1948	Active alarm 1448		0	1			
1x1949	Active alarm 1449		0	1			
1x1950	Active alarm 1450		0	1			
1x1951	Active alarm 1451		0	1			
1x1952	Active alarm 1452	Info 97:12 Plate heat exchanger bypass optimization not performed	0	1			1.13
1x1953	Active alarm 1453	Info 97:13 Plate heat exchanger bypass optimization not approved	0	1			1.13
1x1954	Active alarm 1454	Info 97:14 Plate heat exchanger defrost calibration not performed	0	1			1.13
1x1955	Active alarm 1455	Info 97:15 Plate heat exchanger defrost calibration not approved	0	1			1.13
1x1956	Active alarm 1456	Info 98:1 Supply air pre-filter calibration not performed	0	1			
1x1957	Active alarm 1457	Info 98:2 Supply air pre-filter calibration not approved	0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x1958	Active alarm 1458	Info 98:3 Extract air pre-filter calibration not performed	0	1			
1x1959	Active alarm 1459	Info 98:4 Extract air pre-filter calibration not approved	0	1			
1x1960	Active alarm 1460	Info 98:5 Supply air air handling unit filter calibration not performed	0	1			
1x1961	Active alarm 1461	Info 98:6 Supply air air handling unit filter calibration not approved	0	1			
1x1962	Active alarm 1462	Info 98:7 Extract air air handling unit filter calibration not performed	0	1			
1x1963	Active alarm 1463	Info 98:8 Extract air air handling unit filter calibration not approved	0	1			
1x1964	Active alarm 1464	Info 98:9 Supply air end filter calibration not performed	0	1			
1x1965	Active alarm 1465	Info 98:10 Supply air end filter calibration not approved	0	1			
1x1966	Active alarm 1466	Info 98:11 Rotary heat exchanger defrost calibration not performed	0	1			
1x1967	Active alarm 1467	Info 98:12 Rotary heat exchanger defrost calibration not approved	0	1			
1x1968	Active alarm 1468	Info 98:13 ReCO2 calibration not performed	0	1			
1x1969	Active alarm 1469	Info 98:14 ReCO2 calibration not approved	0	1			
1x1970	Active alarm 1470	Info 98:15 ReCO2 incorrect setting	0	1			
1x1971	Active alarm 1471	Info 99:1 E-mail error	0	1			
1x1972	Active alarm 1472		0	1			
1x1973	Active alarm 1473		0	1			
1x1974	Active alarm 1474		0	1			
1x1975	Active alarm 1475	Info 99:5 FTP error	0	1			1.19
1x1976	Active alarm 1476	Info 99:6 Schedule invalid data auto corrected	0	1			2.36
1x1977	Active alarm 1477	Info 99:7 SD card memory soon full. Oldest log data will soon be deleted	0	1			
1x1978	Active alarm 1478	Info 99:8 SD card memory full. Oldest log data deleted	0	1			
1x1979	Active alarm 1479	Info 99:9 IQlogic CPU2 reboot caused by corrupt SD card remove and replace	0	1			2.42
1x1980	Active alarm 1480		0	1			
1x1981	Active alarm 1481	Info 99:11 No external outdoor air temperature sensor connected for heat retention	0	1			1.26
1x1982	Active alarm 1482	Info 99:12 No extract air/room temperature sensor connected	0	1			1.32
1x1983	Active alarm 1483		0	1			
1x1984	Active alarm 1484	Info 99:14 Internal serial memory error CPU 1	0	1			
1x1985	Active alarm 1485	Info 99:15 Clock circuit defective	0	1			
1x1986	Active alarm 1486		0	1			
1x1987	Active alarm 1487		0	1			
1x1988	Active alarm 1488		0	1			
1x1989	Active alarm 1489		0	1			
1x1990	Active alarm 1490		0	1			
1x1991	Active alarm 1491		0	1			
1x1992	Active alarm 1492		0	1			
1x1993	Active alarm 1493		0	1			
1x1994	Active alarm 1494		0	1			
1x1995	Active alarm 1495		0	1			
1x1996	Active alarm 1496		0	1			
1x1997	Active alarm 1497		0	1			
1x1998	Active alarm 1498		0	1			
1x1999	Active alarm 1499		0	1			
1x2000	Active alarm 1500		0	1			
1x2001	Active alarm group 1		0	1			
1x2002	Active alarm group 2		0	1			
1x2003	Active alarm group 3		0	1			
1x2004	Active alarm group 4		0	1			
1x2005	Active alarm group 5		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x2006	Active alarm group 6		0	1			
1x2007	Active alarm group 7		0	1			
1x2008	Active alarm group 8		0	1			
1x2009	Active alarm group 9		0	1			
1x2010	Active alarm group 10		0	1			
1x2011	Active alarm group 11		0	1			
1x2012	Active alarm group 12		0	1			
1x2013	Active alarm group 13		0	1			
1x2014	Active alarm group 14		0	1			
1x2015	Active alarm group 15		0	1			
1x2016	Active alarm group 16		0	1			
1x2017	Active alarm group 17		0	1			
1x2018	Active alarm group 18		0	1			
1x2019	Active alarm group 19		0	1			
1x2020	Active alarm group 20		0	1			
1x2021	Active alarm group 21		0	1			
1x2022	Active alarm group 22		0	1			
1x2023	Active alarm group 23		0	1			
1x2024	Active alarm group 24		0	1			
1x2025	Active alarm group 25		0	1			
1x2026	Active alarm group 26		0	1			
1x2027	Active alarm group 27		0	1			
1x2028	Active alarm group 28		0	1			
1x2029	Active alarm group 29		0	1			
1x2030	Active alarm group 30		0	1			
1x2031	Active alarm group 31		0	1			
1x2032	Active alarm group 32		0	1			
1x2033	Active alarm group 33		0	1			
1x2034	Active alarm group 34		0	1			
1x2035	Active alarm group 35		0	1			
1x2036	Active alarm group 36		0	1			
1x2037	Active alarm group 37		0	1			
1x2038	Active alarm group 38		0	1			
1x2039	Active alarm group 39		0	1			
1x2040	Active alarm group 40		0	1			
1x2041	Active alarm group 41		0	1			
1x2042	Active alarm group 42		0	1			
1x2043	Active alarm group 43		0	1			
1x2044	Active alarm group 44		0	1			
1x2045	Active alarm group 45		0	1			
1x2046	Active alarm group 46		0	1			
1x2047	Active alarm group 47		0	1			
1x2048	Active alarm group 48		0	1			
1x2049	Active alarm group 49		0	1			
1x2050	Active alarm group 50		0	1			
1x2051	Active alarm group 51		0	1			
1x2052	Active alarm group 52		0	1			
1x2053	Active alarm group 53		0	1			
1x2054	Active alarm group 54		0	1			

Input Status. 1bit (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
1x2055	Active alarm group 55		0	1			
1x2056	Active alarm group 56		0	1			
1x2057	Active alarm group 57		0	1			
1x2058	Active alarm group 58		0	1			
1x2059	Active alarm group 59		0	1			
1x2060	Active alarm group 60		0	1			
1x2061	Active alarm group 61		0	1			
1x2062	Active alarm group 62		0	1			
1x2063	Active alarm group 63		0	1			
1x2064	Active alarm group 64		0	1			
1x2065	Active alarm group 65		0	1			
1x2066	Active alarm group 66		0	1			
1x2067	Active alarm group 67		0	1			
1x2068	Active alarm group 68		0	1			
1x2069	Active alarm group 69		0	1			
1x2070	Active alarm group 70		0	1			
1x2071	Active alarm group 71		0	1			
1x2072	Active alarm group 72		0	1			
1x2073	Active alarm group 73		0	1			
1x2074	Active alarm group 74		0	1			
1x2075	Active alarm group 75		0	1			
1x2076	Active alarm group 76		0	1			
1x2077	Active alarm group 77		0	1			
1x2078	Active alarm group 78		0	1			
1x2079	Active alarm group 79		0	1			
1x2080	Active alarm group 80		0	1			
1x2081	Active alarm group 81		0	1			
1x2082	Active alarm group 82		0	1			
1x2083	Active alarm group 83		0	1			
1x2084	Active alarm group 84		0	1			
1x2085	Active alarm group 85		0	1			
1x2086	Active alarm group 86		0	1			
1x2087	Active alarm group 87		0	1			
1x2088	Active alarm group 88		0	1			
1x2089	Active alarm group 89		0	1			
1x2090	Active alarm group 90		0	1			
1x2091	Active alarm group 91		0	1			
1x2092	Active alarm group 92		0	1			
1x2093	Active alarm group 93		0	1			
1x2094	Active alarm group 94		0	1			
1x2095	Active alarm group 95		0	1			
1x2096	Active alarm group 96		0	1			
1x2097	Active alarm group 97		0	1			
1x2098	Active alarm group 98		0	1			
1x2099	Active alarm group 99		0	1			
1x2100	Active alarm group 100		0	1			

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		AHU Air flow/duct pressure					
3x0001	Component name	25=IQlogic	0	999			
3x0002	Application id/AHU Type	10=GOLD RX, 11=GOLD PX, 12=GOLD CX, 13=GOLD SD/SA,14=GOLD SD/EA, 15=GOLD SD/SA+CX, 16=GOLD SD/SA+EA, 17=GOLD SD/SA+EA+CX	0	999			
3x0003	Air flow direction	0=Fan no.2 as SA, 1=Fan no.1 as SA.	0	1			
		Air flow regulation					
3x0004	SA Air flow	Present supply air flow.	0	20000	l/s		
3x0005	SA Air flow regulator	Present supply air flow regulator set point.	0	20000	l/s		
3x0006	EA Air flow	Present extract air flow.	0	20000	l/s		
3x0007	EA Air flow regulator	Present extract air flow regulator set point.	0	20000	l/s		
		Pressure regulation					
3x0008	SA Duct pressure	Present supply air duct pressure.	0.0	2000.0	Pa		
3x0009	SA Duct pressure regulator	Present supply air duct pressure regulator set point.	0.0	2000.0	Pa		
3x0010	EA Duct pressure	Present extract air duct pressure.	0.0	2000.0	Pa		
3x0011	EA Duct pressure regulator	Present extract air duct pressure regulator set point.	0.0	2000.0	Pa		
		Demand regulation					
3x0012	Demand input level	Present input signal for demand regulation.	0.00	100.00	%		
3x0013	Demand regulator	Present demand regulator set point.	0.00	100.00	%		
		Air flow pressure sensors					
3x0014	SA Air flow pressure	Present air flow pressure in the supply air fan inlet.	0.0	2000.0	Pa		
3x0015	EA Air flow pressure	Present air flow pressure in the extract air fan inlet.	0.0	2000.0	Pa		
3x0016							
3x0017							
		Demand regulation					
3x0018	Demand CO2 regulator	Present demand CO2 regulator set point.	0	10000	ppm		1.23
3x0019	Demand VOC regulator	Present demand VOC regulator set point.	0	10000	ppm		1.23
3x0020							
3x0021							
3x0022							
		Filters					
3x0023	SA Pre-filter pressure level	Present supply air pre-filter pressure drop.	0.0	2000.0	Pa		
3x0024	SA Pre-filter pressure alarm limit	Present supply air pre-filter pressure alarm limit.	0.0	2000.0	Pa		
3x0025	EA Pre-filter pressure level	Present extract air pre-filter pressure drop.	0.0	2000.0	Pa		
3x0026	EA Pre-filter pressure alarm limit	Present extract air pre-filter pressure alarm limit.	0.0	2000.0	Pa		
3x0027	SA AHU filter pressure level	Present supply air filter pressure drop.	0.0	2000.0	Pa		
3x0028	SA AHU filter pressure alarm limit	Present supply air filter pressure alarm limit.	0.0	2000.0	Pa		
3x0029	EA AHU filter pressure level	Present extract air filter pressure drop.	0.0	2000.0	Pa		
3x0030	EA AHU filter pressure alarm limit	Present extract air filter pressure alarm limit.	0.0	2000.0	Pa		
3x0031	SA End-filter pressure level	Present supply air end-filter pressure drop.	0.0	2000.0	Pa		
3x0032	SA End-filter pressure alarm limit	Present supply air end-filter pressure alarm limit.	0.0	2000.0	Pa		
3x0033							
3x0034							
3x0035							
3x0036							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Fans					
3x0037	**SA Fan level**	Present fan speed level of the supply air fan.	0.00	100.00	%		
3x0038	**EA Fan level**	Present fan speed level of the extract air fan.	0.00	100.00	%		
3x0039	**SA Fan speed**	Present fan speed level of the supply air fan.	0	4000	rpm		
3x0040	**EA Fan speed**	Present fan speed level of the extract air fan.	0	4000	rpm		
3x0041	**SA Voltage**	Present voltage level of the supply air fan.	0	500	V		
3x0042	**EA Voltage**	Present voltage level of the extract air fan.	0	500	V		
3x0043	**SA Fan current**	Present current level of the supply air fans. Includes all supply air fans.	0	32.700	A		
3x0044	**EA Fan current**	Present current level of the extract air fans. Includes all supply air fans.	0	32.700	A		
3x0045	**SA Fan power**	Present power level of the supply air fans. Includes all supply air fans.	0	45.000	kW		
3x0046	**EA Fan power**	Present power consumption level of the extract air fans. Includes all extract air fans.	0	45.000	kW		
3x0047	**SA Fan kWh**	Total power consumption of the supply air fans. Includes all supply air fans.	0	9999	kWh		
3x0048	**EA Fan kWh**	Total power consumption level of the extract air fans. Includes all extract air fans.	0	9999	kWh		
3x0049	**SA Fan MWh**	Total power consumption of the supply air fans. Includes all supply air fans.	0	9999	MWh		
3x0050	**EA Fan MWh**	Total power consumption level of the extract air fans. Includes all extract air fans.	0	9999	MWh		
3x0051	**SA Fan operation time**	Total operation time of the supply air fan presented in days (24h).	0	30000	days		
3x0052	**EA Fan operation time**	Total operation time of the extract air fan presented in days (24h).	0	30000	days		
3x0053							
3x0054							
3x0055	**SA Fan min air flow**	Supply air AHU min air flow	0	18000	l/s		
3x0056	**EA Fan min air flow**	Extract air AHU min air flow	0	18000	l/s		
3x0057	**SA Fan max air flow**	Supply air AHU max air flow	0	18000	l/s		
3x0058	**EA Fan max air flow**	Extract air AHU max air flow	0	18000	l/s		
3x0059							
3x0060							
3x0061							
3x0062							
3x0063	**SFP**	Calculated SFP level.	0.00	100.00	kW/m3/s		

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		AHU Temperature sensors					
3x0064	SA Temperature	Present supply air temperature.	-55.00	125.00	°C		
3x0065	SA-D Temperature	Present supply air density temperature.	-55.00	125.00	°C		
3x0066	EA Temperature RX	Present extract air temperature in the unit (only AHU type RX).	-55.00	125.00	°C		
3x0067	EA-D Temperature	Present extract air density temperature.	-55.00	125.00	°C		
3x0068	EA Regulation temperature	Present extract air temperature used for regulation.	-55.00	125.00	°C		
3x0069	EA Temperature PX/CX	Present extract air temperature in the unit (only AHU type PX/CX).	-55.00	125.00	°C		1.13
3x0070	EA Temperature SD	Present extract air temperature in the unit (only AHU type SD).	-55.00	125.00	°C		1.13
3x0071							
3x0072	Outdoor temperature COOL DX	Present outdoor air temperature in the COOL DX unit.	-55.00	125.00	°C		1.13
3x0073	Outdoor temperature	Present outdoor air temperature in the unit.	-55.00	125.00	°C		
3x0074	Outdoor regulation temperature	Present outdoor air temperature used for regulation.	-55.00	125.00	°C		
3x0075	External outdoor temperature 1	Present external outdoor temperature of sensor 1.	-55.00	125.00	°C		
3x0076	External outdoor temperature 2	Present external outdoor temperature of sensor 2.	-55.00	125.00	°C		
3x0077	External outdoor temperature 3	Present external outdoor temperature of sensor 3.	-55.00	125.00	°C		
3x0078	External outdoor temperature 4	Present external outdoor temperature of sensor 4.	-55.00	125.00	°C		
3x0079	~~External outdoor temperature min/max/average~~	~~Present calculated min, max or average (depending of configuration) temperature of outd. sensor 1-4.~~	~~-55.00~~	~~125.00~~	~~°C~~		
3x0080	EA duct temperature	Present extract air duct air temperature.	-55.00	125.00	°C		1.12
3x0081	Room temperature 1	Present room temperature of sensor 1.	-55.00	125.00	°C		
3x0082	Room temperature 2	Present room temperature of sensor 2.	-55.00	125.00	°C		
3x0083	Room temperature 3	Present room temperature of sensor 3.	-55.00	125.00	°C		
3x0084	Room temperature 4	Present room temperature of sensor 4.	-55.00	125.00	°C		
3x0085	~~Room temperature min/max/average~~	~~Present calculated min, max or average (depending of configuration) temperature of room sensor 1-4.~~	~~-55.00~~	~~125.00~~	~~°C~~		
3x0086							
		AHU Temperature regulation					
3x0087	SA Temp regulator	Present supply air temperature regulator set point.	0.00	50.00	°C		
3x0088	EA Temp regulator	Present extract air temperature regulator set point.	0.00	50.00	°C		
3x0089							
3x0090	Cool exchanger regulator level	Present operation level of cool recovery.	0.00	100.00	%		1.11
3x0091	Heat exchanger regulator level	Present operation level of heat recovery.	0.00	100.00	%		
3x0092	Extra regulation sequence 1 heat regulator level	Present level of extra regulation heat.	0.00	100.00	%		
3x0093	Extra regulation sequence 1 heat output level		0.00	100.00	%		
3x0094	Reheat regulator level	Present level of reheat.	0.00	100.00	%		
3x0095	Reheat output level		0.00	100.00	%		
3x0096	ReCO$_2$ heat level	Present level of ReCO$_2$ heat.	0.00	100.00	%		
3x0097	Down regulation level	Present level of fan down regulation.	0.00	100.00	%		
3x0098	Heating boost level	Present level of heating boost.	0.00	100.00	%		
3x0099	Extra regulation sequence 1 cool regulator level	Present level of extra regulation cool.	0.00	100.00	%		
3x0100	Extra regulation sequence 1 cool output level	Present level of extra regulation cool.	0.00	100.00	%		
3x0101	Cool regulator level	Present level of cooling.	0.00	100.00	%		
3x0102	Cool output level	Present level of cooling.	0.00	100.00	%		
3x0103	ReCO$_2$ cool level	Present level of ReCO$_2$ heat.	0.00	100.00	%		
3x0104	Cooling boost level	Present level of cooling boost.	0.00	100.00	%		

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		AHU heat exchange					
3x0105	RHX operation level	Present speed level of the rotary heat exchanger.	0.00	100.00	%		
3x0106	RHX/PHX/CHX efficiency	Calculated level of the heat exchanger efficiency.	0.00	100.00	%		1.23
3x0107	RHX defrost pressure level	Present pressure drop for the rotary heat exchanger.	0.0	2000.0	Pa		
3x0108	RHX defrost pressure alarm limit	Present pressure drop alarm limit for the rotary heat exchanger.	0.0	2000.0	Pa		
3x0109	RHX carry over control pressure level	Present pressure difference for the rotary heat exchangers purging sector.	0.0	1000.0	Pa		
3x0110	PHX bypass type	0=Center, 1=Side	0	1			2.43
3x0111	RHX operation time	Total operation time of the rotary heat exchanger presented in days (24h).	0	30000	Days		
3x0112	PX exchanger bypass 4A output		0.00	100.00	%		2.43
3x0113	PX exchanger bypass 4A feedback		0.00	100.00	%		2.43
3x0114	PHX-2 3D Type	0=Cross flow, 1=Counter flow	0	1			1.21
3x0115	PHX type	0=PHX-1, one damper and humidity sensor, 1=PHX-2, three dampers, 2=PHX-3, one damper and pressure sensor.	0	2			1.12
3x0116	PHX-2/3 pressure drop level	Present pressure drop for the plate heat exchanger.	0.0	2000.0	Pa		1.12
3x0117	PHX-1 Bypass output	Present level of plate heat exchanger bypass output.	0.00	100.00	%		
3x0118	PHX-1 Bypass input	Present level of plate heat exchanger bypass input.	0.00	100.00	%		
3x0119	PHX-1 Bypass temperature 1	Present bypass temperature sensor 1 in plate heat exchanger.	-55.00	125.00	°C		
3x0120	PHX-1 Bypass temperature 2	Present bypass temperature sensor 2 in plate heat exchanger.	-55.00	125.00	°C		
3x0121	PHX-2 Damper 1 output	Present level of plate heat exchanger damper 1 output.	0.00	100.00	%		1.12
3x0122	PHX-2 Damper 1 input	Present level of plate heat exchanger damper 1 input.	0.00	100.00	%		1.12
3x0123	PHX-2 Damper 2 output	Present level of plate heat exchanger damper 2 output.	0.00	100.00	%		1.12
3x0124	PHX-2 Damper 2 input	Present level of plate heat exchanger damper 2 input.	0.00	100.00	%		1.12
3x0125	PHX-2 Bypass output	Present level of plate heat exchanger bypass output.	0.00	100.00	%		1.12
3x0126	PHX-2 Bypass input	Present level of plate heat exchanger bypass input.	0.00	100.00	%		1.12
3x0127	CHX-1 Valve output	Present level of coil heat exchanger valve output.	0.00	100.00	%		
3x0128	CHX-1 Valve input	Present level of coil heat exchanger valve input.	0.00	100.00	%		
3x0129	CHX-1 Return water temperature	Present return water temperature for coil heat exchanger.	-55.00	125.00	°C		
3x0130	PHX/CHX operation time	Total operation time of the coil heat exchanger presented in days (24h).	0	30000	Days		
3x0131							
3x0132	PHX-3 Bypass output	Present level of plate heat exchanger bypass output.	0.00	100.00	%		1.12
3x0133	PHX-3 Bypass input	Present level of plate heat exchanger bypass input.	0.00	100.00	%		1.12
3x0134	CHX-2 Return water temperature	Present return water temperature for coil heat exchanger.	-55.00	125.00	°C		1.18
3x0135	CHX-2 Extract coil pressure level	Present extract coil differiential pressure.	0	1600	mBar		1.18
3x0136	PHX-1/2 /CHX Humidity level	Present level of air-humidity for calculation of bypass/valve limitation.	0.00	100.00	%		
3x0137	CHX-2 Valve output	Present level of coil heat exchanger valve output.	0.00	100.00	%		1.18
3x0138	CHX-2 Valve input	Present level of coil heat exchanger valve input.	0.00	100.00	%		1.18
3x0139	CHX-2 Pump output	Present level of pump heat exchanger output	0.00	100.00	%		1.18

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		AHU Coils					
3x0140	Extra regulation sequence 1 coil type	0=None,1..8=Electric, 9..10=Water, 11..15=Electric	0	15			
3x0141	Extra regulation sequence 1 anti frost temp/overheat input	Present extra regulation anti frost temperature for water heat coil. Value 0=overheat when electric heat is used.	-55.00	125.00	°C		
3x0142	Extra regulation sequence 2 coil type	0=None,1..8=Electric, 9..10=Water, 11..15=Electric	0	15			1.13
3x0143	Extra regulation sequence 2 anti frost temp/overheat input	Present extra regulation anti frost temperature for water heat coil. Value 0=overheat when electric heat is used.	-55.00	125.00	°C		1.13
3x0144	Extra regulation sequence 1 temperature guard		0.00	100.00	°C		2.47
3x0145	Extra regulation sequence 2 temperature guard		0.00	100.00	°C		2.47
3x0146	Extra regulation sequence 1 input level		0.00	100.00	%		
3x0147	Extra regulation sequence 1 heat operation time	Total operation time of extra regulation heat presented in days (24h).	0	30000	Days		
3x0148	Extra regulation sequence 1 cool operation time	Total operation time of extra regulation cool presented in days (24h).	0	30000	Days		
3x0149	Extra regulation sequence 2 input level		0.00	100.00	%		1.13
3x0150	Extra regulation sequence 2 heat operation time	Total operation time of extra regulation heat presented in days (24h).	0	30000	Days		1.13
3x0151	Extra regulation sequence 2 cool operation time	Total operation time of extra regulation cool presented in days (24h).	0	30000	Days		1.13
3x0152	Re-heat coil type	0=None,1..8=Electric, 9..10=Water, 11..15=Electric	0	15			
3x0153	Re-heat anti frost temp/overheat input	Present anti frost temperature for water heat coil. Value 0=overheat when electric heat is used.	-55.00	125.00	°C		
3x0154							
3x0155							
3x0156							
3x0157							
3x0158	Re-heat input level		0.00	100.00	%		
3x0159	Re-heat operation time	Total operation time of re-heat presented in days (24h).	0	30000	Days		
3x0160							
3x0161							
3x0162							
3x0163	Cool coil type	0=None,1..8=N/A, 9..10=Water, 11..15=N/A	0	15			
3x0164	Cool water temperature	Present cool water temperature for water cool coil.	-55.00	125.00	°C		
3x0165							
3x0166							
3x0167							
3x0168	Cool input level		0.00	100.00	%		
3x0169	Cool operation time	Total operation time of cool presented in days (24h).	0	30000	Days		
3x0170							
3x0171							
3x0172							
3x0173							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Xzone temperature sensors					
3x0174	**Xzone SA temperature**	Present supply air temperature.	-55.00	125.00	°C		
3x0175	**Xzone EA temperature**	Present extract air temperature in the unit.	-55.00	125.00	°C		
3x0176	**Xzone EA regulation temperature**	Present extract air temperature used for regulation.	-55.00	125.00	°C		
3x0177	**Xzone Room temperature 1**	Present room temperature of sensor 1.	-55.00	125.00	°C		
3x0178	**Xzone Room temperature 2**	Present room temperature of sensor 2.	-55.00	125.00	°C		
3x0179	**Xzone Room temperature 3**	Present room temperature of sensor 3.	-55.00	125.00	°C		
3x0180	**Xzone Room temperature 4**	Present room temperature of sensor 4.	-55.00	125.00	°C		
3x0181	~~**Xzone Room temperature min/max/average**~~	~~Present calculated min, max or average (depending on configuration) temperature of room sensor 1-4.~~	~~-55.00~~	~~125.00~~	~~°C~~		
3x0182							
3x0183							
3x0184							
3x0185							
		Xzone Temperature regulation					
3x0186	**Xzone SA Temp regulator**	Present supply air temperature regulator set point.	0.00	50.00	°C		
3x0187	**Xzone EA Temp regulator**	Present extract air temperature regulator set point.	0.00	50.00	°C		
3x0188							
3x0189							
3x0190	**Xzone re-heat regulator level**		0.00	100.00	%		
3x0191							
3x0192							
3x0193	**Xzone cool regulator level**		0.00	100.00	%		
3x0194							
3x0195							
3x0196							
3x0197							
		Xzone coils					
3x0198	**Xzone heat, coil type**	0=None,1..8=Electric, 9..10=Water, 11..15=Electric	0	15			
3x0199	**Xzone heat, anti frost temp/overheat input**	Present Xzone heat anti frost temperature for water heat coil. Value 0=Overheat when electric heat is used.	-55.00	125.00	°C		
3x0200	**Xzone heat/cool temperature guard**		0.00	100.00	°C		2.47
3x0201							
3x0202							
3x0203	**Xzone heat, output level**	Present level of Xzone heat output.	0	100.00	%		
3x0204	**Xzone heat, input level**	Present Xzone heat input.	0	100.00	%		
3x0205	**Xzone heat, operation time**	Total operation time of Xzone heat presented in days (24h).	0	30000			
3x0206							
3x0207							
3x0208							
3x0209	**Xzone cool, coil type**	9..10=Water	0	15			
3x0210	**Xzone cool, water temperature**		-55.00	125.00	°C		
3x0211	**Xzone cool temperature guard**		0.00	100.00	°C		2.47
3x0212							
3x0213							
3x0214	**Xzone cool, output level**	Present level of Xzone cool.	0	100.00	%		
3x0215	**Xzone cool, input level**	Present Xzone cool valve position.	0	100.00	%		
3x0216	**Xzone cool, operation time**	Total operation time of Xzone cool presented in days (24h).	0	30000			
3x0217							
3x0218							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0219							
		Pre-heat					
3x0220	**Pre-heat temperature**	Present pre-heat temperature.	-55.00	125.00	°C		
3x0221	**Pre-heat temp regulator set point**	Present pre-heat temperature regulator set point.	-40.00	40.00	°C		
3x0222	**Pre-heat temp regulator level**						
3x0223							
3x0224	**Pre-heat coil type**	0=None,1..8=Electric, 9..10=Water, 11..15=Electric	0	15			
3x0225	**Pre-heat anti frost temp/overheat input**	Present pre-heat anti frost temperature for water heat coil. Value 0=Overheat when electric heat is used.	-55.00	125.00	°C		
3x0226							
3x0227							
3x0228	**Pre-heat output level**	Present pre-heat output level.	0.00	100.00	%		
3x0229	**Pre-heat input level**	Present pre-heat input level.	0.00	100.00	%		
3x0230	**Pre-heat operation time**	Total operation time of pre-heat presented in days (24h).	0	30000	Days		
3x0231							
3x0232							
		$ReCO_2$					
3x0233	**$ReCO_2$ recirculation damper output**	Present output signal to the recirculation damper.	0.00	100.00	%		
3x0234	**$ReCO_2$ recirculation damper input**	Present input signal from the recirculation damper.	0.00	100.00	%		
3x0235	**$ReCO_2$ outdoor damper output**	Present output signal to the outdoor air damper.	0.00	100.00	%		
3x0236	**$ReCO_2$ outdoor damper input**	Present input signal from the outdoor air damper.	0.00	100.00	%		
3x0237	**$ReCO_2$ outdoor air flow**	Present outdoor air flow level.	0.0	3x0057	l/s		
3x0238	**$ReCO_2$ outdoor air flow regulator set point**	Present outdoor air flow regulator set point.	0.0	3x0057	l/s		
3x0239							
3x0240							
3x0241							
3x0242							
3x0243							
		Humidity					
3x0244	**SA humidity level**	Present level of supply air humidity	0.00	100.00	%RH		
3x0245	**SA humidity temperature**	Present temperature inside the supply air humidity sensor.	-40.00	123.00	°C		
3x0246	**SA dew point**	Calculated supply air dew point.	-40.00	40.00	°C		
3x0247	**EA humidity level**	Present level of extract air humidity.	0.00	100.00	%RH		
3x0248	**EA humidity temperature**	Present temperature inside the extract air humidity sensor.	-40.00	123.00	°C		
3x0249	**EA dew point**	Calculated extract air dew point.	-40.00	40.00	°C		
3x0250							
3x0251	**Dehumidifying SA dew point regulator set point**	Present supply air dew point regulator point.	-40.00	40.00	°C		
3x0252	**Dehumidifying output level**	Present level of the dehumidifying output.	0.00	100.00	%		
3x0253							
3x0254	**Humidifying SA regulator set point**		0.00	100.00	%RH		
3x0255	**Humidifying output level**	Present level of the humidifying output.	0.00	100.00	%		
3x0256							
3x0257							
3x0258							
3x0259							
3x0260	**Exhaust air humidity**	Present level of exhaust air humidity.	0.00	100.00	%RH		1.23
3x0261	**Exhaust air temperature**	Present temperature inside the exhaust air humidity sensor.	-40.00	123.00	°C		1.23
3x0262	**Outdoor air humidity**	Present level of outdoor air humidity.	0.00	100.00	%RH		2.37
3x0263	**Outdoor air temperature**	Present temperature inside the outdoor air humidity sensor.	-40.00	123.00	°C		2.37

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0264	Room air humidity	Present level of room air humidity.	0.00	100.00	%RH		2.37
3x0265	Room air temperature	Present temperature inside the room air humidity sensor.	-40.00	123.00	°C		2.37
		VOC					
3x0266	VOC level	Present level of VOC	450	10000	ppm		
3x0267	CO2 level	Present level of CO2	0	10000	ppm		1.23
3x0268							
3x0269							
3x0270							
		COOL DX					
3x0271	COOL DX, unit power size		0	15			
3x0272							
3x0273							
3x0274	COOL DX, compressor 1 low pressure level		0	34.50	Bar		
3x0275	COOL DX, compressor 1 high pressure level		0	45.00	Bar		
3x0276	COOL DX, compressor 2 low pressure level		0	34.50	Bar		
3x0277	COOL DX, compressor 2 high pressure level		0	45.00	Bar		
3x0278							
3x0279							
		Exhaust heat					
3x0280							
3x0281	Exhaust heat temperature	Present exhaust heat temperature	-55.00	125.00	°C		2.43
3x0282	Exhaust heat temp regulator set point	Present exhaust heat temp regulator set point	-40.00	40.00	°C		2.43
3x0283	Exhaust heat temp regulator level						2.43
3x0284	Exhaust heat coil type	0=None,1..8=Electric, 9..10=Water, 11..15=Electric	0	15			2.43
3x0285	Exhaust heat anti frost temp/overheat input	Present exhaust heat anti frost temperature for water heat coil. Value 0=Overheat when electric heat is used.	-55.00	125.00	°C		2.43
3x0286	Exhaust heat output level	Present exhaust heat output level.	0.00	100.00	%		2.43
3x0287	Exhaust heat input level	Present exhaust heat input level.	0.00	100.00	%		2.43
3x0288	Exhaust heat operation time	Total operation time of exhaust heat presented in days (24h).	0	30000	Days		2.43
		SMART Link					
3x0289	SMART Link, WB outlet water 1		-40.0	176.0	°C		
3x0290	SMART Link, WB outlet water 2		-40.0	176.0	°C		
3x0291	SMART Link, WB outlet water 3		-40.0	176.0	°C		
3x0292	SMART Link, WB outlet water 4		-40.0	176.0	°C		
3x0293	SMART Link, WB outlet water average		-40.0	176.0	°C		
3x0294	SMART Link, WB reference water						
3x0295							
3x0296							
3x0297	SMART Link WB, heated water set point		-40.0	176.0	°C		
3x0298	SMART Link WB, chilled water set point		-40.0	176.0	°C		
3x0299	SMART Link WB, Min heated water set point		-40.0	176.0	°C		
3x0300	SMART Link WB, Max heated water set point		-40.0	176.0	°C		
3x0301	SMART Link WB, Min chilled water set point		-40.0	176.0	°C		
3x0302	SMART Link WB, Max chilled water set point		-40.0	176.0	°C		
3x0303							
3x0304							
3x0305							
3x0306							
3x0307							
3x0308							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0309							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0310							
3x0311							
3x0312							
3x0313							
3x0314							
3x0315							
3x0316							
3x0317							
3x0318							
3x0319	SMART Link, WB operation						
3x0320	SMART Link, WB cool mode						
3x0321							
3x0322							
3x0323	SMART Link, DX unit 1 operation		0	1			
3x0324	SMART Link, DX unit 1 cool mode		0	1			
3x0325	SMART Link, DX unit 1 defrost request		0	1			
3x0326	SMART Link, DX unit 1 defrost active		0	1			
3x0327	SMART Link, DX unit 1 power level set point		0	100.00	%		
3x0328	SMART Link, DX unit 1 power level		0	100.00	%		
3x0329	SMART Link, DX unit 1 operation time		0	9999			
3x0330							
3x0331							
3x0332							
3x0333							
3x0334	SMART Link, DX unit 2 operation		0	1			
3x0335	SMART Link, DX unit 2 cool mode		0	1			
3x0336	SMART Link, DX unit 2 defrost request		0	1			
3x0337	SMART Link, DX unit 2 defrost active		0	1			
3x0338	SMART Link, DX unit 2 power level set point		0	100.00	%		
3x0339	SMART Link, DX unit 2 power level		0	100.00	%		
3x0340	SMART Link, DX unit 2 operation time		0	9999			
3x0341							
3x0342							
3x0343							
3x0344							
3x0345	SMART Link, DX unit 3 operation		0	1			
3x0346	SMART Link, DX unit 3 cool mode		0	1			
3x0347	SMART Link, DX unit 3 defrost request		0	1			
3x0348	SMART Link, DX unit 3 defrost active		0	1			
3x0349	SMART Link, DX unit 3 power level set point		0	100.00	%		
3x0350	SMART Link, DX unit 3 power level		0	100.00	%		
3x0351	SMART Link, DX unit 3 operation time		0	9999			
3x0352							
3x0353							
3x0354							
3x0355							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0356	SMART Link, DX unit 4 operation		0	1			
3x0357	SMART Link, DX unit 4 cool mode		0	1			
3x0358	SMART Link, DX unit 4 defrost request		0	1			
3x0359	SMART Link, DX unit 4 defrost active		0	1			
3x0360	SMART Link, DX unit 4 power level set point		0	100.00	%		
3x0361	SMART Link, DX unit 4 power level		0	100.00	%		
3x0362	SMART Link, DX unit 4 operation time		0	9999			
3x0363							
3x0364							
3x0365							
3x0366							
3x0367	SMART Link, DX Defrost airflow increase status		0	1			1.26
3x0368							
3x0369							
3x0370							
3x0371							
3x0372							
3x0373							
		AYC					
3x0374	AYC Heat, heated water	Present heat temperature.	-55.00	125.00	°C		
3x0375	AYC Heat, heated water set point	Present heat temperature regulator set point.	0	100.00	°C		
3x0376	AYC Heat, valve output	Present level of the heat valve output.	0	100.00	%		
3x0377	AYC Heat, valve input	Present level of the heat valve input.	0	100.00	%		
3x0378	AYC Heat, operation time	Total operation time of AYC heat presented in days (24h).	0	30000			
3x0379	AYC Heated water heat demand		0	100.00	%		1.10
3x0380							
3x0381							
3x0382							
3x0383							
3x0384							
3x0385							
3x0386							
3x0387	AYC Cool, chilled water	Present cool temperature.	-55.00	125.00	°C		
3x0388	AYC Cool, chilled water set point	Present cool temperature regulator set point.	0	100.00	°C		
3x0389	AYC Cool, valve output	Present cool of the heat valve output.	0	100.00	%		
3x0390	AYC Cool, valve input	Present cool of the heat valve input.	0	100.00	%		
3x0391	AYC Cool, operation time	Total operation time of AYC cool presented in days (24h).	0	30000			
3x0392	AYC Chilled water cool demand		0	100.00	%		1.10
3x0393							
3x0394							
3x0395							
3x0396							
3x0397							
3x0398							
3x0399							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		MIRU Control					
3x0400	**MIRU Control 1 Min air flow**	Min possible air flow setting			l/s		
3x0401	**MIRU Control 1 Max air flow**	Max possible air flow setting			l/s		
3x0402	**MIRU Control 1 Air flow**	Present air flow.			l/s		
3x0403	**MIRU Control 1 Air flow set point**	Present air flow regulator set point.			l/s		
3x0404	**MIRU Control 1 Pressure**	Present duct pressure.	0	750	Pa		
3x0405	**MIRU Control 1 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0406	**MIRU Control 1 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0407	**MIRU Control 1 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0408	**MIRU Control 1 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0409	**MIRU Control 1 Fan power**	Present power consumption level of the fan.	0	6000	W		
3x0410	**MIRU Control 1 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0411	**MIRU Control 1 kWh**	kWh value.	0	9999	kWh		
3x0412	**MIRU Control 1 MWh**	MWh value.	0	32000	MWh		
3x0413							
3x0414							
3x0415							
3x0416							
3x0417	**MIRU Control 2 Min air flow**	Min possible air flow setting			l/s		
3x0418	**MIRU Control 2 Max air flow**	Max possible air flow setting			l/s		
3x0419	**MIRU Control 2 Air flow**	Present air flow.			l/s		
3x0420	**MIRU Control 2 Air flow set point**	Present air flow regulator set point.			l/s		
3x0421	**MIRU Control 2 Pressure**	Present duct pressure.	0	750	Pa		
3x0422	**MIRU Control 2 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0423	**MIRU Control 2 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0424	**MIRU Control 2 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0425	**MIRU Control 2 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0426	**MIRU Control 2 Fan power**	Present power consumption level of the fan.	0	6000	W		
3x0427	**MIRU Control 2 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0428	**MIRU Control 2 kWh**	kWh value.	0	9999	kWh		
3x0429	**MIRU Control 2 MWh**	MWh value.	0	32000	MWh		
3x0430							
3x0431							
3x0432							
3x0433							
3x0434	**MIRU Control 3 Min air flow**	Min possible air flow setting			l/s		
3x0435	**MIRU Control 3 Max air flow**	Max possible air flow setting			l/s		
3x0436	**MIRU Control 3 Air flow**	Present air flow.			l/s		
3x0437	**MIRU Control 3 Air flow set point**	Present air flow regulator set point.			l/s		
3x0438	**MIRU Control 3 Pressure**	Present duct pressure.	0	750	Pa		
3x0439	**MIRU Control 3 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0440	**MIRU Control 3 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0441	**MIRU Control 3 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0442	**MIRU Control 3 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0443	**MIRU Control 3 Fan power**	Present power consumption level of the fan.	0	6000	W		
3x0444	**MIRU Control 3 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0445	**MIRU Control 3 kWh**	kWh value.	0	9999	kWh		
3x0446	**MIRU Control 3 MWh**	MWh value.	0	32000	MWh		
3x0447							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0448							
3x0449							
3x0450							
3x0451	**MIRU Control 4 Min air flow**	Min possible air flow setting			l/s		
3x0452	**MIRU Control 4 Max air flow**	Max possible air flow setting			l/s		
3x0453	**MIRU Control 4 Air flow**	Present air flow.			l/s		
3x0454	**MIRU Control 4 Air flow set point**	Present air flow regulator set point.			l/s		
3x0455	**MIRU Control 4 Pressure**	Present duct pressure.	0	750	Pa		
3x0456	**MIRU Control 4 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0457	**MIRU Control 4 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0458	**MIRU Control 4 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0459	**MIRU Control 4 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0460	**MIRU Control 4 Fan power**	Present power consumption level of the fan.	0	6000	W		
3x0461	**MIRU Control 4 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0462	**MIRU Control 4 kWh**	kWh value.	0	9999	kWh		
3x0463	**MIRU Control 4 MWh**	MWh value.	0	32000	MWh		
3x0464							
3x0465							
3x0466							
3x0467							
3x0468	**MIRU Control 5 Min air flow**	Min possible air flow setting			l/s		
3x0469	**MIRU Control 5 Max air flow**	Max possible air flow setting			l/s		
3x0470	**MIRU Control 5 Air flow**	Present air flow.			l/s		
3x0471	**MIRU Control 5 Air flow set point**	Present air flow regulator set point.			l/s		
3x0472	**MIRU Control 5 Pressure**	Present duct pressure.	0	750	Pa		
3x0473	**MIRU Control 5 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0474	**MIRU Control 5 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0475	**MIRU Control 5 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0476	**MIRU Control 5 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0477	**MIRU Control 5 Fan power**	Present power consumption level of the fan.	0	6000	W		
3x0478	**MIRU Control 5 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0479	**MIRU Control 5 kWh**	kWh value.	0	9999	kWh		
3x0480	**MIRU Control 5 MWh**	MWh value.	0	32000	MWh		
3x0481							
3x0482							
3x0483							
3x0484							
3x0485	**MIRU Control 6 Min air flow**	Min possible air flow setting			l/s		
3x0486	**MIRU Control 6 Max air flow**	Max possible air flow setting			l/s		
3x0487	**MIRU Control 6 Air flow**	Present air flow.			l/s		
3x0488	**MIRU Control 6 Air flow set point**	Present air flow regulator set point.			l/s		
3x0489	**MIRU Control 6 Pressure**	Present duct pressure.	0	750	Pa		
3x0490	**MIRU Control 6 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0491	**MIRU Control 6 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0492	**MIRU Control 6 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0493	**MIRU Control 6 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0494	**MIRU Control 6 Fan power**	Present power consumption level of the fan.	0	6000	W		
3x0495	**MIRU Control 6 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0496	**MIRU Control 6 kWh**	kWh value.	0	9999	kWh		

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0497	**MIRU Control 6 MWh**	MWh value.	0	32000	MWh		
3x0498							
3x0499							
3x0500							
3x0501							
3x0502	**MIRU Control 7 Min air flow**	Min possible air flow setting			l/s		
3x0503	**MIRU Control 7 Max air flow**	Max possible air flow setting			l/s		
3x0504	**MIRU Control 7 Air flow**	Present air flow.			l/s		
3x0505	**MIRU Control 7 Air flow set point**	Present air flow regulator set point.			l/s		
3x0506	**MIRU Control 7 Pressure**	Present duct pressure.	0	750	Pa		
3x0507	**MIRU Control 7 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0508	**MIRU Control 7 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0509	**MIRU Control 7 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0510	**MIRU Control 7 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0511	**MIRU Control 7 Fan power**	Present power consumption level of the fan.	0	6000	W		
3x0512	**MIRU Control 7 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0513	**MIRU Control 7 kWh**	kWh value.	0	9999	kWh		
3x0514	**MIRU Control 7 MWh**	MWh value.	0	32000	MWh		
3x0515							
3x0516							
3x0517							
3x0518							
3x0519	**MIRU Control 8 Min air flow**	Min possible air flow setting			l/s		
3x0520	**MIRU Control 8 Max air flow**	Max possible air flow setting			l/s		
3x0521	**MIRU Control 8 Air flow**	Present air flow.			l/s		
3x0522	**MIRU Control 8 Air flow set point**	Present air flow regulator set point.			l/s		
3x0523	**MIRU Control 8 Pressure**	Present duct pressure.	0	750	Pa		
3x0524	**MIRU Control 8 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0525	**MIRU Control 8 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0526	**MIRU Control 8 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0527	**MIRU Control 8 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0528	**MIRU Control 8 Fan power**	Present power consumption level of the fan.	0	6000	W		
3x0529	**MIRU Control 8 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0530	**MIRU Control 8 kWh**	kWh value.	0	9999	kWh		
3x0531	**MIRU Control 8 MWh**	MWh value.	0	32000	MWh		
3x0532							
3x0533							
3x0534							
3x0535							
3x0536	**MIRU Control 9 Min air flow**	Min possible air flow setting			l/s		
3x0537	**MIRU Control 9 Max air flow**	Max possible air flow setting			l/s		
3x0538	**MIRU Control 9 Air flow**	Present air flow.			l/s		
3x0539	**MIRU Control 9 Air flow set point**	Present air flow regulator set point.			l/s		
3x0540	**MIRU Control 9 Pressure**	Present duct pressure.	0	750	Pa		
3x0541	**MIRU Control 9 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0542	**MIRU Control 9 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0543	**MIRU Control 9 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0544	**MIRU Control 9 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0545	**MIRU Control 9 Fan power**	Present power consumption level of the fan.	0	6000	W		

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0546	**MIRU Control 9 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0547	**MIRU Control 9 kWh**	kWh value.	0	9999	kWh		
3x0548	**MIRU Control 9 MWh**	MWh value.	0	32000	MWh		
3x0549							
3x0550							
3x0551							
3x0552							
3x0553	**MIRU Control 10 Min air flow**	Min possible air flow setting			l/s		
3x0554	**MIRU Control 10 Max air flow**	Max possible air flow setting			l/s		
3x0555	**MIRU Control 10 Air flow**	Present air flow.			l/s		
3x0556	**MIRU Control 10 Air flow set point**	Present air flow regulator set point.			l/s		
3x0557	**MIRU Control 10 Pressure**	Present duct pressure.	0	750	Pa		
3x0558	**MIRU Control 10 Pressure set point**	Present duct pressure regulator set point.	0	750	Pa		
3x0559	**MIRU Control 10 External temperature**	Present external temperature.	-55.00	95.00	°C		
3x0560	**MIRU Control 10 Operation time**	Present operation time, present in days (24h).	0	30000			
3x0561	**MIRU Control 10 Fan level**	Present running level of the fan.	0.00	100.00	%		
3x0562	**MIRU Control 10 Fan power**	Present power consumption level of the fan.	0	6000	W		
3x0563	**MIRU Control 10 SFP**	Present SFP value.	0	5.00	$kW/m^3/s$		
3x0564	**MIRU Control 10 kWh**	kWh value.	0	9999	kWh		
3x0565	**MIRU Control 10 MWh**	MWh value.	0	32000	MWh		
3x0566							
3x0567							
3x0568							
3x0569							
		Software					
3x0570	**IQlogic software version**	Present controller software version	0.00	99.00			
3x0571							
3x0572							
3x0573							
3x0574							
3x0575							
3x0576							
3x0577							
3x0578							
3x0579							
3x0580							
3x0581							
3x0582							
3x0583							
3x0584							
3x0585							
3x0586							
3x0587							
3x0588							
3x0589							
3x0590							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0591	**AHU Version**	1=Version 1 2=Version 2 3=Version 3 4=Version 4 5=Version A 6=Version B 7=Version C 8=Version D 9=Version E 10=Version F					2.44

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Operation level					
3x0592	**Operation level**	0=Fan not available 1=Alarm stop 2=Manual total stop (on hand terminal) 3=External total stop (digital input) 4=Communication total stop 5=Communication normal stop 6=Communication extended normal stop 7=Time channel total stop 8=Time channel normal stop 9=Time channel extended normal stop 10=Low speed=normal stop 11=SA Fan starting up 12=Fan regulation blocked 13=ReCO2 100% recirculation(1.11) 14=Morning boost stop(1.11) 15=Intermittent night heat stop(1.11) 16=After cooling electric heater 17=COOL DX switch off delay 18=Damper switch off delay 19=Manual low speed (on hand terminal) 20=External low speed (digital input) 21=Extended external low speed 22=Communication low speed 23=Time channel low speed 24=Morning boost low speed 25=Intermittent night heat low speed 26=Manual high speed (on hand terminal) 27=External high speed (digital input) 28=Extended external high speed 29=Communication high speed 30=Time channel high speed 31=Summer night cooling high speed 32=Filter calibration 33=RHX Defrost calibration 34=ReCO2 calibration 35=AHU start up 36=Re-heat ramp down 37=HX ramp down 38=Air adjustment 39=Fans in operation with active fire alarm 40=PX bypass damper adjustment(1.12)	0	100			1.12
3x0593							
3x0594							
3x0595							
3x0596							
3x0597							
3x0598							
3x0599							
3x0600							
3x0601							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0602							
3x0603							
		Alarms					
3x0604	Triggered alarm #1	((Alarm group - 1) x 15) + alarm number in group=Triggered alarm number. Zero if no triggered alarm.	0	1500			
3x0605	Triggered alarm #2		0	1500			
3x0606	Triggered alarm #3		0	1500			
3x0607	Triggered alarm #4		0	1500			
3x0608	Triggered alarm #5		0	1500			
3x0609	Triggered alarm #6		0	1500			
3x0610	Triggered alarm #7		0	1500			
3x0611	Triggered alarm #8		0	1500			
3x0612	Triggered alarm #9		0	1500			
3x0613	Triggered alarm #10		0	1500			
3x0614	Triggered alarm group #1	Zero if no triggered alarm group.	0	100			
3x0615	Triggered alarm group #2		0	100			
3x0616	Triggered alarm group #3		0	100			
3x0617	Triggered alarm group #4		0	100			
3x0618	Triggered alarm group #5		0	100			
3x0619	Triggered alarm group #6		0	100			
3x0620	Triggered alarm group #7		0	100			
3x0621	Triggered alarm group #8		0	100			
3x0622	Triggered alarm group #9		0	100			
3x0623	Triggered alarm group #10		0	100			
3x0624							
3x0625							
3x0626							
3x0627							
3x0628							
3x0629							
3x0630							
3x0631							
3x0632							
3x0633							
3x0634							
3x0635							
3x0636							
3x0637							
3x0638							
3x0639							
3x0640							
3x0641							
3x0642							
3x0643							
3x0644							
3x0645							
3x0646							
3x0647							
3x0648							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0649							
3x0650							
3x0651							
3x0652							
3x0653							
		Time schedule					
3x0654	**Weekday**	The internal clock present weekday	1	7			
3x0655	**Current action**	1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop	1	5			
3x0656	**Effective period**	0=Inactive, 1=Active	0	1			
3x0657	**Exception schedule 1**	0=Inactive, 1=Active	0	1			
3x0658	**Exception schedule 2**	0=Inactive, 1=Active	0	1			
3x0659	**Calendar 1**	0=Inactive, 1=Active	0	1			
3x0660	**Calendar 2**	0=Inactive, 1=Active	0	1			
3x0661	**Prolonged low speed remaining hours**	Prolonged external low speed remaining operation.	0	23			1.13
3x0662	**Prolonged low speed remaining seconds**	Prolonged external low speed remaining operation.	0	3600			1.13
3x0663	**Prolonged high speed remaining hours**	Prolonged external high speed remaining operation.	0	23			1.13
3x0664	**Prolonged high speed remaining seconds**	Prolonged external high speed remaining operation.	0	3600			1.13
3x0665	**Schedule exception invalid data**	0=Inactive, 1=Active	0	1			2.34
3x0666	**Calendar 1 invalid data**	0=Inactive, 1=Active	0	1			2.34
3x0667	**Calendar 2 invalid data**	0=Inactive, 1=Active	0	1			2.34
3x0668							
3x0669							
3x0670							
3x0671							
3x0672							
3x0673							
3x0674							
3x0675							
3x0676							
3x0677							
3x0678							
3x0679							
		Reserved					
3x0680							
3x0681							
3x0682							
3x0683							
3x0684							
3x0685							
3x0686							
3x0687							
3x0688							
3x0689							
3x0690							
3x0691							
3x0692							
3x0693							
3x0694							
3x0695							

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0696							
3x0697	Exhaust heat heat retention at stop		0.00	40.00	°C		2.43
3x0698	Exhaust heat heat retention at operation		0.00	40.00	°C		2.43
3x0699	Exhaust heat frost protection alarm limit		0.00	40.00	°C		2.43
3x0700	Extra regulation sequence 2 heat regulator level	Present level of extra regulation heat.	0.00	100.00	%		1.13
3x0701	Extra regulation sequence 2 heat output level	Present level of extra regulation heat.	0.00	100.00	%		1.13
3x0702	Extra regulation sequence 2 cool regulator level	Present level of extra regulation cool.	0.00	100.00	%		1.13
3x0703	Extra regulation sequence 2 cool output level	Present level of extra regulation cool.	0.00	100.00	%		1.13
3x0704	Re-heat retention at stop		0.00	40.00	°C		1.20
3x0705	Re-heat retention at operation		0.00	40.00	°C		1.20
3x0706	Re-heat frost protection alarm limit		0.00	40.00	°C		1.20
3x0707	Pre-heat retention at stop		0.00	40.00	°C		1.20
3x0708	Pre-heat retention at operation		0.00	40.00	°C		1.20
3x0709	Pre-heat frost protection alarm limit		0.00	40.00	°C		1.20
3x0710	Xzone heat retention at stop		0.00	40.00	°C		1.20
3x0711	Xzone heat retention at operation		0.00	40.00	°C		1.20
3x0712	Xzone frost protection alarm limit		0.00	40.00	°C		1.20
3x0713	Extra regulation sequence 1 heat retention at stop		0.00	40.00	°C		1.20
3x0714	Extra regulation sequence 1 heat retention at operation		0.00	40.00	°C		1.20
3x0715	Extra regulation sequence 1 frost protection alarm limit		0.00	40.00	°C		1.20
3x0716	Extra regulation sequence 2 heat retention at stop		0.00	40.00	°C		1.20
3x0717	Extra regulation sequence 2 heat retention at operation		0.00	40.00	°C		1.20
3x0718	Extra regulation sequence 2 frost protection alarm limit		0.00	40.00	°C		1.20
		Energy monitoring					
3x0719	Heat exchange motor power consumption W		0	10000	W		1.28
3x0720	Heat exchange motor power consumption kW		0.000	10.000	kW		1.28
3x0721	Heat exchange motor energy consumption kWh		0	999	kWh		1.28
3x0722	Heat exchange motor energy consumption MWh		0	30000	MWh		1.28
3x0723	Heat power recovery W		-999	999	W		1.28
3x0724	Heat power recovery kW		-30000	30000	kW		1.28
3x0725	Heat power consumption W		-999	999	W		1.28
3x0726	Heat power consumption kW		-30000	30000	kW		1.28
3x0727	Cool power recovery W		-999	999	W		1.28
3x0728	Cool power recovery kW		-30000	30000	kW		1.28
3x0729	Cool power consumption W		-999	999	W		1.28
3x0730	Cool power consumption kW		-30000	30000	kW		1.28
3x0731	Heat energy recovery kWh		0	999	kWh		1.28
3x0732	Heat energy recovery MWh		0	30000	MWh		1.28
3x0733	Cool energy recovery kWh		0	999	kWh		1.28
3x0734	Cool energy recovery MWh		0	30000	MWh		1.28
3x0735	Heat energy consumption kWh		0	999	kWh		1.28
3x0736	Heat energy consumption MWh		0	30000	MWh		1.28
3x0737	Cool energy consumption kWh		0	999	kWh		1.28
3x0738	Cool energy consumption MWh		0	30000	MWh		1.28
3x0739	Pulse counter input 1 kWh		0	999	kWh		2.36
3x0740	Pulse counter input 1 MWh		0	30000	MWh		2.36
3x0741	Pulse counter input 2 kWh		0	999	kWh		2.36
3x0742	Pulse counter input 2 MWh		0	30000	MWh		2.36
3x0743	Pulse counter input 3 kWh		0	999	kWh		2.36
3x0744	Pulse counter input 3 MWh		0	30000	MWh		2.36

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0745	Pulse counter input 4 kWh		0	999	kWh		2.36
3x0746	Pulse counter input 4 MWh		0	30000	MWh		2.36
3x0747	Re-heat water coil power consumption W		0	999	W		2.47
3x0748	Re-heat water coil power consumption kW		0	30000	kW		2.47
3x0749	Re-heat water coil energy consumption kWh		0	999	kWh		2.47
3x0750	Re-heat water coil energy consumption MWh		0	30000	MWh		2.47
3x0751	Cool water coil power consumption W		0	999	W		2.47
3x0752	Cool water coil power consumption kW		0	30000	kW		2.47
3x0753	Cool water coil energy consumption kWh		0	999	kWh		2.47
3x0754	Cool water coil energy consumption MWh		0	30000	MWh		2.47
3x0755	Xzone heat water coil power consumption W		0	999	W		2.47
3x0756	Xzone heat water coil power consumption kW		0	30000	kW		2.47
3x0757	Xzone heat water coil energy consumption kWh		0	999	kWh		2.47
3x0758	Xzone heat water coil energy consumption MWh		0	30000	MWh		2.47
3x0759	Xzone cool water coil power consumption W		0	999	W		2.47
3x0760	Xzone cool water coil power consumption kW		0	30000	kW		2.47
3x0761	Xzone cool water coil energy consumption kWh		0	999	kWh		2.47
3x0762	Xzone cool water coil energy consumption MWh		0	30000	MWh		2.47
3x0763	Re-heat brine flow level		0.000	10.000	l/s		2.47
3x0764	Cool brine flow level		0.000	10.000	l/s		2.47
3x0765	Xzone heat brine flow level		0.000	10.000	l/s		2.47
3x0766	Xzone cool brine flow level		0.000	10.000	l/s		2.47
3x0767							
3x0768							
3x0769							
3x0770							
3x0771							
3x0772							
3x0773							
3x0774							
3x0775							
3x0776							
3x0777							
3x0778							
3x0779							
3x0780	Re-heat return water temperature		0.00	100.00	°C		2.47
3x0781	Re-heat feed water temperature		0.00	100.00	°C		2.47
3x0782	Cool return water temperature		0.00	100.00	°C		2.47
3x0783	Cool feed water temperature		0.00	100.00	°C		2.47
3x0784	Xzone heat return water temperature		0.00	100.00	°C		2.47
3x0785	Xzone heat feed water temperature		0.00	100.00	°C		2.47
3x0786	Xzone cool return water temperature		0.00	100.00	°C		2.47
3x0787	Xzone cool feed water temperature		0.00	100.00	°C		2.47
		BMS I/O-modules					
3x0800	External operation I/O-module 3, analogue input 1		0.00	100.00	%		1.20
3x0801	External operation I/O-module 3, analogue input 2		0.00	100.00	%		1.20
3x0802							
3x0803							
3x0804	External operation I/O-module 3, analogue output 1		0.00	100.00	%		1.20

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x0805	External operation I/O-module 3, analogue output 2		0.00	100.00	%		1.20
3x0806	External operation I/O-module 6, analogue input 1		0.00	100.00	%		1.20
3x0807	External operation I/O-module 6, analogue input 2		0.00	100.00	%		1.20
3x0808							
3x0809							
3x0810	External operation I/O-module 6, analogue output 1		0.00	100.00	%		1.20
3x0811	External operation I/O-module 6, analogue output 2		0.00	100.00	%		1.20
3x0812	External operation I/O-module A, analogue input		0.00	100.00	%		1.20
3x0813	External operation I/O-module A, temp sensor 1		-55.00	125.00	°C		1.20
3x0814	External operation I/O-module A, temp sensor 2		-55.00	125.00	°C		1.20
3x0815	External operation I/O-module B, analogue input		0.00	100.00	%		1.20
3x0816	External operation I/O-module B, temp sensor 1		-55.00	125.00	°C		1.20
3x0817	External operation I/O-module B, temp sensor 2		-55.00	125.00	°C		1.20
3x0818	External operation I/O-module C, analogue input		0.00	100.00	%		1.20
3x0819	External operation I/O-module C, temp sensor 1		-55.00	125.00	°C		1.20
3x0820	External operation I/O-module C, temp sensor 2		-55.00	125.00	°C		1.20

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Alarms					
3x1001	Alarm group 1	Bit0=Alarm1 Bit1=Alarm2 Bit2=Alarm3 Bit3=Alarm4 Bit4=Alarm5 Bit5=Alarm6 Bit6=Alarm7 Bit7=Alarm8 Bit8=Alarm9 Bit9=Alarm10 Bit10=Alarm11 Bit11=Alarm12 Bit12=Alarm13 Bit13=Alarm14 Bit14=Alarm15	0	32767			1.10
3x1002	Alarm group 2		0	32767			1.10
3x1003	Alarm group 3		0	32767			1.10
3x1004	Alarm group 4		0	32767			1.10
3x1005	Alarm group 5		0	32767			1.10
3x1006	Alarm group 6		0	32767			1.10
3x1007	Alarm group 7		0	32767			1.10
3x1008	Alarm group 8		0	32767			1.10
3x1009	Alarm group 9		0	32767			1.10
3x1010	Alarm group 10		0	32767			1.10
3x1011	Alarm group 11		0	32767			1.10
3x1012	Alarm group 12		0	32767			1.10
3x1013	Alarm group 13		0	32767			1.10
3x1014	Alarm group 14		0	32767			1.10
3x1015	Alarm group 15		0	32767			1.10
3x1016	Alarm group 16		0	32767			1.10
3x1017	Alarm group 17		0	32767			1.10
3x1018	Alarm group 18		0	32767			1.10
3x1019	Alarm group 19		0	32767			1.10
3x1020	Alarm group 20		0	32767			1.10
3x1021	Alarm group 21		0	32767			1.10
3x1022	Alarm group 22		0	32767			1.10
3x1023	Alarm group 23		0	32767			1.10
3x1024	Alarm group 24		0	32767			1.10
3x1025	Alarm group 25		0	32767			1.10
3x1026	Alarm group 26		0	32767			1.10
3x1027	Alarm group 27		0	32767			1.10
3x1028	Alarm group 28		0	32767			1.10
3x1029	Alarm group 29		0	32767			1.10
3x1030	Alarm group 30		0	32767			1.10
3x1031	Alarm group 31		0	32767			1.10
3x1032	Alarm group 32		0	32767			1.10
3x1033	Alarm group 33		0	32767			1.10
3x1034	Alarm group 34		0	32767			1.10
3x1035	Alarm group 35		0	32767			1.10

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x1036	Alarm group 36		0	32767			1.10
3x1037	Alarm group 37		0	32767			1.10
3x1038	Alarm group 38		0	32767			1.10
3x1039	Alarm group 39		0	32767			1.10
3x1040	Alarm group 40		0	32767			1.10
3x1041	Alarm group 41		0	32767			1.10
3x1042	Alarm group 42		0	32767			1.10
3x1043	Alarm group 43		0	32767			1.10
3x1044	Alarm group 44		0	32767			1.10
3x1045	Alarm group 45		0	32767			1.10
3x1046	Alarm group 46		0	32767			1.10
3x1047	Alarm group 47		0	32767			1.10
3x1048	Alarm group 48		0	32767			1.10
3x1049	Alarm group 49		0	32767			1.10
3x1050	Alarm group 50		0	32767			1.10
3x1051	Alarm group 51		0	32767			1.10
3x1052	Alarm group 52		0	32767			1.10
3x1053	Alarm group 53		0	32767			1.10
3x1054	Alarm group 54		0	32767			1.10
3x1055	Alarm group 55		0	32767			1.10
3x1056	Alarm group 56		0	32767			1.10
3x1057	Alarm group 57		0	32767			1.10
3x1058	Alarm group 58		0	32767			1.10
3x1059	Alarm group 59		0	32767			1.10
3x1060	Alarm group 60		0	32767			1.10
3x1061	Alarm group 61		0	32767			1.10
3x1062	Alarm group 62		0	32767			1.10
3x1063	Alarm group 63		0	32767			1.10
3x1064	Alarm group 64		0	32767			1.10
3x1065	Alarm group 65		0	32767			1.10
3x1066	Alarm group 66		0	32767			1.10
3x1067	Alarm group 67		0	32767			1.10
3x1068	Alarm group 68		0	32767			1.10
3x1069	Alarm group 69		0	32767			1.10
3x1070	Alarm group 70		0	32767			1.10
3x1071	Alarm group 71		0	32767			1.10
3x1072	Alarm group 72		0	32767			1.10
3x1073	Alarm group 73		0	32767			1.10
3x1074	Alarm group 74		0	32767			1.10
3x1075	Alarm group 75		0	32767			1.10
3x1076	Alarm group 76		0	32767			1.10
3x1077	Alarm group 77		0	32767			1.10
3x1078	Alarm group 78		0	32767			1.10
3x1079	Alarm group 79		0	32767			1.10
3x1080	Alarm group 80		0	32767			1.10
3x1081	Alarm group 81		0	32767			1.10
3x1082	Alarm group 82		0	32767			1.10
3x1083	Alarm group 83		0	32767			1.10
3x1084	Alarm group 84		0	32767			1.10

Input Registers. 16-bit integer value (RO).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
3x1085	Alarm group 85		0	32767			1.10
3x1086	Alarm group 86		0	32767			1.10
3x1087	Alarm group 87		0	32767			1.10
3x1088	Alarm group 88		0	32767			1.10
3x1089	Alarm group 89		0	32767			1.10
3x1090	Alarm group 90		0	32767			1.10
3x1091	Alarm group 91		0	32767			1.10
3x1092	Alarm group 92		0	32767			1.10
3x1093	Alarm group 93		0	32767			1.10
3x1094	Alarm group 94		0	32767			1.10
3x1095	Alarm group 95		0	32767			1.10
3x1096	Alarm group 96		0	32767			1.10
3x1097	Alarm group 97		0	32767			1.10
3x1098	Alarm group 98		0	32767			1.10
3x1099	Alarm group 99		0	32767			1.10
3x1100	Alarm group 100		0	32767			1.10
		H/C					
3x1400	H/C mode	0=Inactive, 1=Active	0	1			1.23
3x1401	H/C defrost accessory	0=Inactive, 1=Recirculation, 2=Electric heat	0	2			1.23
3x1402	H/C recirculation defrost active	0=Inactive, 1=Active	0	1			1.31
3x1403	H/C defrost active	0=Inactive, 1=Active	0	1			1.31
3x1404							
3x1405	H/C recirculation defrost damper output		0.00	100.00	%		1.23
3x1406	H/C recirculation defrost damper input		0.00	100.00	%		1.23
3x1407	H/C heat type	0=None,1..8=Electric, 9..10=Water, 11..15=Electric	0	15			1.23
3x1408							
3x1409	H/C heat anti frost temp/overheat input	Present H/C heat anti frost temperature for water heat coil. Value 0=overheat when electric heat is used.	-55.00	125.00	°C		1.23
3x1410	H/C operation mode	0=Inactive, 1=Stop, 2=Stabilization, 3=Normal operation, 4=Comfort operation, 5=Economy operation, 6=Defrost, 7=Defrost, 8=Oil recovery	0	8			1.23
3x1411	H/C defrost mode	0=Inactive, 1=Start delay, 2=Initializing, 3=Pre-defrosting, 4=Defrosting, 5=Draining	0	5			1.23
3x1412	H/C heat/cool mode	0=Heating, 1=Cooling	0	1			1.23
3x1413	H/C operation level		0.00	100.00	%		1.23
3x1414	H/C heat defrost level		0.00	100.00	%		1.23
3x1415	H/C defrost pressure level		-500.0	2500.0	Pa		1.23
3x1416	H/C defrost pressure start limit		0.0	1000.0	Pa		1.23
3x1417	H/C defrost pressure end limit		0.0	1000.0	Pa		1.23
3x1418	H/C superheat temp		0.0	99.0	K		1.23
3x1419	H/C discharge temp		-10.0	130.0	°C		1.23
3x1420	H/C suction temp		-40.0	105.0	°C		1.23
3x1421	H/C condensation temp		0.0	1000.0	°C		1.23
3x1422	H/C evaporation temp		0.0	1000.0	°C		1.23
3x1423	H/C high pressure		0.10	50.00	Bar		1.23
3x1424	H/C low pressure		0.10	50.00	Bar		1.23

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		AHU fan regulation					
4x0001	**SA Fan regulation mode**	Setting of regulation type for the supply air fan. 0=Air flow reg. 1=Pressure reg. 2=Demand reg. 3=Slave controlled by EA fan	0	3		0	
4x0002	**EA Fan regulation mode**	Setting of regulation type for the extract air fan. 0=Air flow reg. 1=Pressure reg. 2=Demand reg. 3=Slave controlled by SA fan	0	3		0	
		Air flow regulation					
4x0003	**SA low speed air flow set point**	Supply air flow set point for the unit when running in low speed operation.	0	4x0005	l/s		
4x0004	**EA low speed air flow set point**	Extract air flow set point for the unit when running in low speed operation.	0	4x0006	l/s		
4x0005	**SA high speed air flow set point**	Supply air flow set point for the unit when running in high speed operation.	4x0003	4x0007	l/s		
4x0006	**EA high speed air flow set point**	Extract air flow set point for the unit when running in high speed operation.	4x0004	4x0008	l/s		
4x0007	**SA max speed air flow set point bost**	Supply air flow max. limit for the unit when the low/high speed operation set point is altered by boosting function etc.	4x0005	3x0057	l/s		
4x0008	**EA max speed air flow set point bost**	Extract air flow max. limit for the unit when the low/high speed operation set point is altered by boosting function etc.	4x0006	3x0058	l/s		
4x0009	**SA regulation zone**	Supply air flow regulation zone setting in % of the present air flow set point that the regulator is allowed to work within.	1.00	10.00	%	7.50	
4x0010	**EA regulation zone**	Extract air flow regulation zone setting in % of the present air flow set point that the regulator is allowed to work within.	1.00	10.00	%	7.50	
4x0011	**SA regulation I-time**	Supply air flow regulator affection setting.	1	1800	s	30	
4x0012	**EA regulation I-time**	Extract air flow regulator affection setting.	1	1800	s	30	
4x0013							
4x0014							
4x0015							
4x0016							
4x0017							
4x0018							
		Pressure regulation					
4x0019	**SA low speed pressure set point**	Supply air duct pressure set point for the unit when running in low speed operation.	0.0	4x0021	Pa		
4x0020	**EA low speed pressure set point**	Extract air duct pressure set point for the unit when running in low speed operation.	0.0	4x0022	Pa		
4x0021	**SA high speed pressure set point**	Supply air duct pressure for the unit when running in high speed operation.	4x0019	4x0023	Pa		
4x0022	**EA high speed pressure set point**	Extract air duct pressure set point for the unit when running in high speed operation.	4x0020	4x0024	Pa		
4x0023	**SA max speed pressure set point**	Supply air duct pressure max. limit for the unit when the low/high speed operation set point is altered by boosting function etc.	4x0021	750.0	Pa		
4x0024	**EA max speed pressure set point**	Extract air duct pressure max. limit for the unit when the low/high speed operation set point is altered by boosting function etc.	4x0022	750.0	Pa		
4x0025	**SA max speed output signal**	Max. limit for the supply air fan speed when running in pressure regulation mode.	0	100.00	%		
4x0026	**EA max speed output signal**	Max. limit for the extract air fan speed when running in pressure regulation mode.	0	100.00	%		
4x0027	**SA pressure regulation zone**	Supply air pressure regulation zone setting in % of the present duct pressure set point that the regulator is allowed to work within.	1	40.00	%	15	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0028	**EA pressure regulation zone**	Extract air pressure regulation zone setting in % of the present duct pressure set point that the regulator is allowed to work within.	1	40.00	%	15	
4x0029	**SA pressure I-time**	Supply air pressure regulator affection setting.	0	1800	s	30	
4x0030	**EA pressure I-time**	Extract air pressure regulator affection setting.	0	1800	s	30	
4x0031							
4x0032							
		Demand regulation					
4x0033	**Demand low speed CO2 set point**	Set point for the CO2 input signal for the unit when running in low speed operation.	0	10000	ppm	1000	1.23
4x0034	**Demand high speed CO2 set point**	Set point for the CO2 input signal for the unit when running in high speed operation.	0	10000	ppm	750	1.23
4x0035	**Demand low speed VOC set point**	Set point for the VOC input signal for the unit when running in low speed operation.	0	10000	ppm	2500	1.23
4x0036	**Demand high speed VOC set point**	Set point for the VOC input signal for the unit when running in high speed operation.	0	10000	ppm	1500	1.23
4x0037	**Demand low speed set point**	Set point for the 0..10V input signal for the unit when running in low speed operation.	0.00	100.00	%	50.00	1.23
4x0038	**Demand high speed set point**	Set point for the 0..10V input signal for the unit when running in high speed operation.	10.00	100.00	%	25.00	1.23
4x0039	**SA min speed air flow set point**	Supply air flow min. limit for the unit when the low/high speed operation set point is altered when running in fan regulation mode demand.	3x0055	4x0041	l/s		
4x0040	**EA min speed air flow set point**	Extract air flow min. limit for the unit when the low/high speed operation set point is altered when running in fan regulation mode demand.	3x0056	4x0042	l/s		
4x0041	**SA max speed air flow set point demand**	Supply air flow max limit for the unit when the low/high speed operation set point is altered when running in fan regulation mode demand.	4x0039	3x0057	l/s		
4x0042	**EA max speed air flow set point demand**	Extract air flow max. limit for the unit when the low/high speed operation set point is altered when running in fan regulation mode demand.	4x0040	3x0058	l/s		
4x0043	**Demand P-band**	Demand regulator P-band setting.	1.00	100.00	%	40.00	1.23
4x0044	**Demand I-time**	Demand regulator affection setting.	1	1800	s	1200	1.23
4x0045	**Demand CO2 P-band**	Demand C02 regulator P-band setting.	0	10000	ppm	600	1.23
4x0046	**Demand VOC P-band**	Demand VOC regulator P-band setting.	0	10000	ppm	1000	1.23
4x0047							
4x0048							
4x0049							
		Slave controlled regulation					
4x0050	**Slave offset factor**		50.00	200.00	%	0.00	
4x0051	**SA slave offset air flow**		- 4x0057	4x0057	l/s	0	1.31
4x0052	**EA slave offset air flow**		- 4x0058	4x0058	l/s	0	1.31

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Fans OA temp compensation					
4x0053	Outdoor temp compensation function	0=Inactive, 1=Active at low speed, 2=Active at high speed, 3=Active at low and high speed.	0	3		0	
4x0054	Outdoor temp compensation X1		-50.00	4x0055	°C	-20.00	
4x0055	Outdoor temp compensation X2		4x0054	4x0056	°C	-10.00	
4x0056	Outdoor temp compensation X3		4x0055	4x0057	°C	10.00	
4x0057	Outdoor temp compensation X4		4x0056	50.00	°C	20.00	
4x0058	Outdoor temp compensation Y1 SA air flow		3x0055	3x0057	l/s		
4x0059	Outdoor temp compensation Y2 SA air flow		3x0055	3x0057	l/s		
4x0060	Outdoor temp compensation Y3 SA air flow		3x0055	3x0057	l/s		
4x0061	Outdoor temp compensation Y4 SA air flow		3x0055	3x0057	l/s		
4x0062	Outdoor temp compensation Y1 EA air flow		3x0056	3x0058	l/s		
4x0063	Outdoor temp compensation Y2 EA air flow		3x0056	3x0058	l/s		
4x0064	Outdoor temp compensation Y3 EA air flow		3x0056	3x0058	l/s		
4x0065	Outdoor temp compensation Y4 EA air flow		3x0056	3x0058	l/s		
4x0066	Outdoor temp compensation Y1 SA pressure		20.0	750.0	Pa	100.0	
4x0067	Outdoor temp compensation Y2 SA pressure		20.0	750.0	Pa	100.0	
4x0068	Outdoor temp compensation Y3 SA pressure		20.0	750.0	Pa	100.0	
4x0069	Outdoor temp compensation Y4 SA pressure		20.0	750.0	Pa	100.0	
4x0070	Outdoor temp compensation Y1 EA pressure		20.0	750.0	Pa	100.0	
4x0071	Outdoor temp compensation Y2 EA pressure		20.0	750.0	Pa	100.0	
4x0072	Outdoor temp compensation Y3 EA pressure		20.0	750.0	Pa	100.0	
4x0073	Outdoor temp compensation Y4 EA pressure		20.0	750.0	Pa	100.0	
4x0074							
4x0075							
4x0076							
4x0077							
		Fans down regulation					
4x0078	Down regulation function	0=Inactive, 1=SA, 2=SA and EA	0	2		1	
4x0079	Down regulation neutral zone		0.00	10.00	K	0.00	
4x0080	Down regulation P-band		1.00	10.00	K	5.00	
4x0081	Down regulation I-time		1	1800	s	30	
4x0082							
4x0083							
		Fans in operation at active fire alarm					
4x0084	Fans in operation at fire alarm 1 function	0=Inactive, 1=SA, 2=EA, 3=SA and EA	0	3			
4x0085	SA fan speed at fire alarm 1		0.00	100.00	%	100.00	
4x0086	EA fan speed at fire alarm 1		0.00	100.00	%	100.00	
4x0087	Fans in operation at fire alarm 2 function	0=Inactive, 1=SA, 2=EA, 3=SA and EA	0	3			1.10
4x0088	SA fan speed at fire alarm 2		10.00	100.00	%	100.00	1.10
4x0089	EA fan speed at fire alarm 2		10.00	100.00	%	100.00	1.10
4x0090	Fans in operation at internal fire alarm function	0=Inactive, 1=SA, 2=EA, 3=SA and EA	0	3			1.10
4x0091	SA fan speed at internal fire alarm		10.00	100.00	%	100.00	1.10
4x0092	EA fan speed at internal fire alarm		10.00	100.00	%	100.00	1.10
4x0093							
4x0094							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Filters					
4x0095	Pre-filter function	0=Inactive, 1=SA, 2=EA, 3=SA and EA	0	3		0	
4x0096	Pre-filter calibration	0=Inactive, 1=SA, 2=EA, 3=SA and EA	0	3		0	
4x0097	SA pre-filter alarm limit		30.0	500.0	Pa	100.0	
4x0098	EA pre-filter alarm limit		30.0	500.0	Pa	100.0	
4x0099							
4x0100							
4x0101	AHU filter function	0=Inactive, 1=SA, 2=EA, 3=SA and EA	0	3			
4x0102	AHU filter calibration	0=Inactive, 1=SA, 2=EA, 3=SA and EA	0	3		0	
4x0103	SA AHU-filter alarm limit		30.0	500.0	Pa	100.0	
4x0104	EA AHU-filter alarm limit		30.0	500.0	Pa	100.0	
4x0105							
4x0106							
4x0107	SA end filter function	0=Inactive, 1=SA	0	1			
4x0108	SA end filter calibration	0=Inactive, 1=SA	0	1			
4x0109	SA end-filter alarm limit		30.0	500.0	Pa	100.0	
4x0110							
		Seasonal controlled temperature regulation					
4x0111	Seasonal controlled temperature regulation	0=Inactive, 1=Active	0	1		0	1.23
4x0112	Seasonal controlled temperature regulation mode	0=ERS-1, 1=ERS-2, 2=SA, 3=EA, 4=ORS, 5=ORE	0	5		3	1.23
4x0113	Seasonal controlled temperature regulation active		-20.00	40.00	°C	0.00	1.23
4x0114	Seasonal controlled temperature regulation inactive		-20.00	40.00	°C	20.00	1.23
		AHU Temperature regulation					
4x0115	Temperature regulation mode	1=ERS-1, 2=ERS-2, 3=SA, 4=EA, 5=ORS, 6=ORE	1	6		3	
4x0116							
		ERS-1 reg.					
4x0117	ERS 1 step	Curve setting according to the diagram for ERS 1.	1	4		2	
4x0118	ERS 1 diff	Supply air temp difference setting according to the diagram for ERS 1.	1.00	7.00	K	2.00	
4x0119	ERS 1 breakpoint	Breakpoint temp setting according to the diagram for ERS 1.	12.00	26.00	°C	22.00	
4x0120							
4x0121							
		ERS-2 reg.					
4x0122	ERS 2 breakpoint X1	Breakpoint X1 setting according to the diagram for ERS 2.	10.00	4x0123	°C	15.00	
4x0123	ERS 2 breakpoint X2	Breakpoint X2 setting according to the diagram for ERS 2.	4x0122	4x0124	°C	20.00	
4x0124	ERS 2 breakpoint X3	Breakpoint X3 setting according to the diagram for ERS 2.	4x0123	4x0125	°C	22.00	
4x0125	ERS 2 breakpoint X4	Breakpoint X4 setting according to the diagram for ERS 2.	4x0124	40.00	°C	24.00	
4x0126	ERS 2 breakpoint Y1	Breakpoint Y1 setting according to the diagram for ERS 2.	10.00	40.00	°C	20.00	
4x0127	ERS 2 breakpoint Y2	Breakpoint Y2 setting according to the diagram for ERS 2.	10.00	40.00	°C	18.00	
4x0128	ERS 2 breakpoint Y3	Breakpoint Y3 setting according to the diagram for ERS 2.	10.00	40.00	°C	14.00	
4x0129	ERS 2 breakpoint Y4	Breakpoint Y4 setting according to the diagram for ERS 2.	10.00	40.00	°C	12.00	
4x0130							
4x0131							
		SA Reg.					
4x0132	SA temperature set point	Supply air temperature setting, for supply air temp regulation mode.	10.00	40.00	°C	21.00	
4x0133							
4x0134							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		EA Reg.					
4x0135	**EA/Room temperature set point**	Extract air/room temperature setting, for Extract air/room temp regulation mode.	10.00	40.00	°C	21.00	
4x0136	**SA min temp set point**	Supply air min. set point during EA/room regulation mode.	8.00	30.00	°C	16.00	
4x0137	**SA max temp set point**	Supply air max. set point during EA/room regulation mode.	8.00	50.00	°C	28.00	1.18
4x0138	**EA regultaion P-band**		1.00	10.00	K	5.00	
4x0139	**EA regultaion I-time**		1	1800	s	30	
4x0140							
4x0141							
		ORS Reg.					
4x0142	**ORS breakpoint X1**	Breakpoint X1 setting according to the diagram for ORS.	-5.00	4x0143	°C	-20.00	
4x0143	**ORS breakpoint X2**	Breakpoint X2 setting according to the diagram for ORS.	4x0142	4x0144	°C	-10.00	
4x0144	**ORS breakpoint X3**	Breakpoint X3 setting according to the diagram for ORS.	4x0143	4x0145	°C	10.00	
4x0145	**ORS breakpoint X4**	Breakpoint X4 setting according to the diagram for ORS.	4x0144	50.00	°C	20.00	
4x0146	**ORS breakpoint Y1**	Breakpoint Y1 setting according to the diagram for ORS.	10.00	40.00	°C	21.50	
4x0147	**ORS breakpoint Y2**	Breakpoint Y2 setting according to the diagram for ORS.	10.00	40.00	°C	21.50	
4x0148	**ORS breakpoint Y3**	Breakpoint Y3 setting according to the diagram for ORS.	10.00	40.00	°C	21.50	
4x0149	**ORS breakpoint Y4**	Breakpoint Y4 setting according to the diagram for ORS.	10.00	40.00	°C	21.50	
4x0150							
4x0151							
		ORE Reg.					
4x0152	**ORE breakpoint X1**	Breakpoint X1 setting according to the diagram for ORE.	-5.00	4x0153	°C	-20.00	
4x0153	**ORE breakpoint X2**	Breakpoint X2 setting according to the diagram for ORE.	4x0152	4x0154	°C	-10.00	
4x0154	**ORE breakpoint X3**	Breakpoint X3 setting according to the diagram for ORE.	4x0153	4x0155	°C	10.00	
4x0155	**ORE breakpoint X4**	Breakpoint X4 setting according to the diagram for ORE.	4x0154	50.00	°C	20.00	
4x0156	**ORE breakpoint Y1**	Breakpoint Y1 setting according to the diagram for ORE.	10.00	40.00	°C	21.50	
4x0157	**ORE breakpoint Y2**	Breakpoint Y2 setting according to the diagram for ORE.	10.00	40.00	°C	21.50	
4x0158	**ORE breakpoint Y3**	Breakpoint Y3 setting according to the diagram for ORE.	10.00	40.00	°C	21.50	
4x0159	**ORE breakpoint Y4**	Breakpoint Y4 setting according to the diagram for ORE.	10.00	40.00	°C	21.50	
4x0160							
4x0161							
		AHU external sensors					
4x0162	**External room sensor 1 function**		0	1		0	
4x0163	**External room sensor 2 function**		0	1		0	
4x0164	**External room sensor 3 function**		0	1		0	
4x0165	**External room sensor 4 function**		0	1		0	
4x0166	**External room sensors measurement function**	0=Average, 1=Min, 2=Max	0	2		0	
4x0167	**External room temp from BMS function**		0	1		0	
4x0168	**External room temp from BMS**		-55.00	125.00	°C	0.00	
4x0169	**External room temp from BMS alarm time**		0	9999	min	5	
4x0170							
4x0171							
4x0172	**External OA sensor 1 function**		0	1		0	
4x0173	**External OA sensor 2 function**		0	1		0	
4x0174	**External OA sensor 3 function**		0	1		0	
4x0175	**External OA sensor 4 function**		0	1		0	
4x0176	**External OA sensors measurement function**	0=Average, 1=Min, 2=Max	0	2		0	
4x0177	**External OA temp from BMS function**		0	1		0	
4x0178	**External OA temp from BMS**		-55.00	125.00	°C	0.00	
4x0179	**External OA temp from BMS alarm time**		0	9999	min	5	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0180							
4x0181							
		AHU Heat exchange					
4x0182	RHX defrost function	Setting for activating the defrost function for the rotary heat exchanger.	0	1		0	
4x0183	RHX defrost calibration		0	1		0	
4x0184	RHX defrost start limit		30.0	100.0	Pa	50.0	
4x0185							
4x0186							
4x0187	RHX carry over control function	Setting for activating the carry over control function for the rotary heat exchanger.	0	1		0	
4x0188	RHX sorption rotor function	Setting for activating the sorption rotor control function for the rotary heat exchanger. 0=inactive, 1=sorption max speed at cool recovery, 2=always sorption max speed.	0	2		0	1.11
4x0189	Rotor type	0=RECOnomic, 1=STE, 2=MPE, 3=MTE	0	3		0	2.36
4x0190	RHX min exhaust air temp function		0	1		0	
4x0191	RHX min exhaust air temp set point		-40.00	20.00	°C	5.00	
4x0192	RHX min exhaust air temp P-band		1.00	40.00	K	8.00	
4x0193	RHX min exhaust air temp I-time		0	30000	s	30	
4x0194							
4x0195							
4x0196							
4x0197							
4x0198	PHX periodic operation of bypass damper function		0	1		1	
4x0199	PHX periodic operation interval		0	168	h	24	
4x0200	PHX periodic operation time		0	60	min	3	
4x0201	PHX Bypass optimize		0	1		0	1.12
4x0202							
4x0203							
4x0204							
4x0205	CHX periodic operation of pump function		0	1		1	
4x0206	CHX periodic operation of valve function		0	1		1	
4x0207	CHX periodic operation interval		0	168	h	24	
4x0208	CHX periodic operation time		0	60	min	3	
4x0209							
4x0210							
4x0211							
4x0212							
4x0213	PHX/CHX Bypass defrost limit	PHX is default 3°C, CHX is default 5°C.	-10.00	5.00	°C		
4x0214	PHX/CHX Bypass defrost P-band		1.00	40.00	K	20.00	
4x0215	PHX/CHX Bypass defrost I-time		1	600	s	60	
4x0216							
4x0217							
4x0218							
4x0219							
4x0220	Heat exchange temperature regulation P-band		1.00	10.00	K	6.00	
4x0221	Heat exchange temperature regulation I-time		1	1800	s	50	
4x0222	Cool exchange temperature regulation P-band		1.00	10.00	K	6.00	1.11
4x0223	Cool exchange temperature regulation I-time		1	1800	s	50	1.11
4x0224							
4x0225							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		AHU Heat/Cool					
4x0226	Re-heat P-band		1.00	10.00	K	8.00	
4x0227	Re-heat I-time		1	1800	s	70	
4x0228	Re-heat periodic operation of pump function		0	1		1	
4x0229	Re-heat periodic operation of valve function		0	1		1	
4x0230	Re-heat periodic operation interval		0	168	h	24	
4x0231	Re-heat periodic operation time		0	60	min	3	
4x0232							
4x0233							
4x0234							
4x0235							
4x0236	Extra regulation 1 combi coil output indication	0=Heat, 1=Cool	0	1		0	2.37
4x0237	Extra regulation sequence 1 function	0=Inactive, 1=Heat, 2=Cool, 3=Heat and Cool.	0	3		0	
4x0238	Extra regulation sequence 1 output function	0=0-10V, 1=10-0V	0	1		0	
4x0239	Extra regulation sequence 1 heat max output signal	Maximum output signal setting for the extra regulation sequence.	0.00	100.00	%	100.00	
4x0240	Extra regulation sequence 1 cool max output signal	Maximum output signal setting for the extra regulation sequence.	0.00	100.00	%	100.00	
4x0241	Extra regulation sequence 1 heat P-band		1.00	10.00	K	8	
4x0242	Extra regulation sequence 1 heat I-time		1	1800	s	70	
4x0243	Extra regulation sequence 1 cool P-band		1.00	10.00	K	6	
4x0244	Extra regulation sequence 1 cool I-time		1	1800	s	60	
4x0245	Extra regulation 1 periodic operation of pump function		0	1		1	
4x0246	Extra regulation 1 periodic operation of valve function		0	1		1	
4x0247	Extra regulation 1 periodic operation interval		0	168	h	24	
4x0248	Extra regulation 1 periodic operation time		0	60	min	3	
4x0249	Extra regulation 1 combi coil external signal indication	0=Heat, 1=Cool	0	1		0	1.26
4x0250	Extra regulation 1 combi coil external signal value	0=Inactive, 1=Active	0	1		0	1.26
4x0251	Extra regulation 1 temperature protection function		0	1		0	1.10
4x0252	Extra regulation 1 temperature protection temperature		-50.00	100.00	°C	0.00	1.10
4x0253	Extra regulation 1 temperature protection alarm delay		0	9999	min	5	1.10
4x0254	Season heat function	0=Inactive, 1=Extra regulation sequence at closed input, 2=Extra regulation sequence at open input, 3=Manual mode.	0	3		0	
4x0255	Season heat manual setting	0=Re-heat, 1=Extra regulation sequence	0	1		0	
4x0256							
4x0257							
4x0258	Cool step 1 min supply air flow limit		0	4x0259	l/s		1.16
4x0259	Cool step 2 min supply air flow limit		4x0258	4x0260	l/s		1.16
4x0260	Cool step 3 min supply air flow limit		4x0259	3x0057	l/s		1.16
4x0261	Cool on/off regulation function	0=Inactive, 1=1 step, 2=2 steps, 3=3 steps.	0	3		0	
4x0262	Cool SA neutral zone		0.50	10.00	K	0.50	
4x0263	Cool EA neutral zone		0.50	10.00	K	0.50	
4x0264	Cool outdoor temp limit 1		0.00	30.00	°C	15.00	
4x0265	Cool outdoor temp limit 2		0.00	30.00	°C	18.00	
4x0266	Cool outdoor temp limit 3		0.00	30.00	°C	20.00	
4x0267	Cool 0-10V min supply air flow limit		0	3x0057	l/s		
4x0268	Cool 0-10V min extract air flow limit		0	3x0058	l/s		
4x0269	Cool restart time	Setting of cool restart time between start-start.	0	15	min	5	
4x0270	Cool step up delay time	Setting of on/off cooling and COOL DX time delay between steps.	0	10	min	5	
4x0271	Cool stand still time	Setting of on/off cooling and COOL DX time delay before stop-start	0	20	min	5	
4x0272	Cool P-band		1.00	10.00	K	6	
4x0273	Cool I-time		1	1800	s	60	
4x0274	Cool relay 1 periodic operation of pump function		0	1		0	
4x0275	Cool relay 2 periodic operation of pump function		0	1		0	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0276	Cool periodic operation of valve function		0	1		0	
4x0277	Cool periodic operation interval		0	168	h	24	
4x0278	Cool periodic operation time		0	60	min	3	
4x0279	Cool step 1 min extract air flow limit		0	4x0280	l/s		1.16
4x0280	Cool step 2 min extract air flow limit		4x0279	4x0281	l/s		1.16
4x0281	Cool step 3 min extract air flow limit		4x0280	3x0058	l/s		1.16
4x0282							
4x0283							
		Summer night cool/Intermittent night heat /Morning boost					
4x0284	Summer night cool function	0=Inactive, 1=Internal, 2=External(BMS)	0	2		0	2.46
4x0285	Summer night cool start time (hour)		0	23	h	23	
4x0286	Summer night cool start time (minute)		0	59	min	0	
4x0287	Summer night cool stop time (hour)		0	23	h	23	
4x0288	Summer night cool stop time (minute)		0	59	min	0	
4x0289	Summer night cool OA temp start limit		-5.00	15.00	°C	10.00	
4x0290	Summer night cool EA temp start limit		17.00	27.00	°C	22.00	
4x0291	Summer night cool EA temp stop limit		12.00	22.00	°C	16.00	
4x0292	Summer night cool SA temp set point		0.00	20.00	°C	10.00	
4x0293	Summer night cool SA flow set point		3x0055	3x0057	l/s		1.22
4x0294	Summer night cool EA flow set point		3x0056	3x0058	l/s		1.22
4x0295	Summer night cool from communication	0=Inactive, 1=Active	0	1		0	2.46
4x0296	Intermittent night heat function		0	1		0	
4x0297	Intermittent night heat SA flow set point		3x0055	3x0057	l/s		
4x0298	Intermittent night heat SA duct pressure set point		20	750	Pa	100	
4x0299	Intermittent night heat EA temp start limit		5.00	4x0300	°C	16.00	
4x0300	Intermittent night heat EA temp stop limit		4x0299	25.00	°C	18.00	
4x0301	Intermittent night heat SA temp set point		5.00	50.00	°C	28.00	
4x0302	Intermittent night heat recirculation function		0	1		1	1.12
4x0303	Intermittent night heat EA flow set point		3x0056	3x0058	l/s		1.12
4x0304	Intermittent night heat EA duct pressure set point		20	750	Pa		1.12
4x0305	Morning boost function		0	1		0	
4x0306	Morning boost start time (hour)		0	23	h	0	
4x0307	Morning boost start time (minute)		0	59	min	0	
4x0308	Morning boost air flow set point		3x0055	3x0057	l/s		
4x0309	Morning boost duct pressure set point		20	750	Pa	100	
4x0310							
4x0311	Summer night cool SA duct pressure set point		20	750	Pa	100	1.22
4x0312	Summer night cool EA duct pressure set point		20	750	Pa	100	1.22
		Cooling boost/heating boost					
4x0313	Cooling boost function	0=Inactive, 1=Comfort, 2=Economy, 3=Sequence, 4=Comfort and Economy, 5=Economy and Sequence	0	5		0	
4x0314	Cooling boost comfort start limit		2.00	10.00	K	3.00	
4x0315	Cooling boost comfort regulation speed		0.01	25.00	%/s	4.00	
4x0316	Cooling boost economy P-band		1	10.00	K		
4x0317	Cooling boost economy I-time		1	1800	s		
4x0318							
4x0319							
4x0320	Heating boost function		0	1		0	
4x0321	Heating boost comfort start limit		2.00	10.00	K	3.00	
4x0322	Heating boost comfort regulation speed		0.01	25.00	%/s	4.00	
4x0323							
4x0324							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Xzone function					
4x0325	**Xzone heat function**		0	1		0	
4x0326							
4x0327	**Xzone cool function**		0	1		0	
4x0328							
		Xzone temperature regulation					
4x0329	**Xzone temperature regulation mode**	1=ERS-1, 2=ERS-2, 3=SA, 4=EA, 5=ORS, 6=ORE	1	6		1	
4x0330							
		Xzone ERS-1 reg.					
4x0331	**Xzone ERS 1 step**	Curve setting according to the diagram for ERS 1.	1	4			
4x0332	**Xzone ERS 1 diff**	Supply air temp differental setting according to the diagram for ERS 1.	1	7.00	K	2.00	
4x0333	**Xzone ERS 1 breakpoint**	Breakpoint temp setting according to the diagram for ERS 1.	12.00	26.00	°C	22.00	
4x0334							
4x0335							
		Xzone ERS-2 reg.					
4x0336	**Xzone ERS 2 breakpoint X1**	Breakpoint X1 setting according to the diagram for ERS 2.	10	4x0337	°C	15.00	
4x0337	**Xzone ERS 2 breakpoint X2**	Breakpoint X2 setting according to the diagram for ERS 2.	4x0336	4x0338	°C	20.00	
4x0338	**Xzone ERS 2 breakpoint X3**	Breakpoint X3 setting according to the diagram for ERS 2.	4x0337	4x0339	°C	22.00	
4x0339	**Xzone ERS 2 breakpoint X4**	Breakpoint X4 setting according to the diagram for ERS 2.	4x0338	40.00	°C	24.00	
4x0340	**Xzone ERS 2 breakpoint Y1**	Breakpoint Y1 setting according to the diagram for ERS 2.	10.00	40.00	°C	20.00	
4x0341	**Xzone ERS 2 breakpoint Y2**	Breakpoint Y2 setting according to the diagram for ERS 2.	10.00	40.00	°C	18.00	
4x0342	**Xzone ERS 2 breakpoint Y3**	Breakpoint Y3 setting according to the diagram for ERS 2.	10.00	40.00	°C	14.00	
4x0343	**Xzone ERS 2 breakpoint Y4**	Breakpoint Y4 setting according to the diagram for ERS 2.	10.00	40.00	°C	12.00	
4x0344							
4x0345							
		Xzone SA Reg.					
4x0346	**Xzone SA temperature set point**	Supply air temperature setting, for supply air temp regulation mode.	10.00	40.00	°C	21.00	
4x0347							
4x0348							
		Xzone EA Reg.					
4x0349	**Xzone EA/Room temperature set point**	Extract air/room temperature setting, for Extract air/room temp regulation mode.	10.00	40.00	°C	21.00	
4x0350	**Xzone SA min temp set point**	Supply air min. set point during EA/room regulation mode.	8.00	20.00	°C	16.00	
4x0351	**Xzone SA max temp set point**	Supply air max. set point during EA/room regulation mode.	16.00	50.00	°C	28.00	
4x0352	**Xzone EA regultaion P-band**		1.00	10.00	K	5.00	
4x0353	**Xzone EA regultaion I-time**		1	1800	s	180	
		Xzone ORS Reg.					
4x0354	**Xzone ORS breakpoint X1**	Breakpoint X1 setting according to the diagram for ORS.	-5.00	4x0355	°C	-20.00	
4x0355	**Xzone ORS breakpoint X2**	Breakpoint X2 setting according to the diagram for ORS.	4x354	4x0356	°C	-10.00	
4x0356	**Xzone ORS breakpoint X3**	Breakpoint X3 setting according to the diagram for ORS.	4x355	4x0357	°C	10.00	
4x0357	**Xzone ORS breakpoint X4**	Breakpoint X4 setting according to the diagram for ORS.	4x356	50.00	°C	20.00	
4x0358	**Xzone ORS breakpoint Y1**	Breakpoint Y1 setting according to the diagram for ORS.	10.00	40.00	°C	21.50	
4x0359	**Xzone ORS breakpoint Y2**	Breakpoint Y2 setting according to the diagram for ORS.	10.00	40.00	°C	21.50	
4x0360	**Xzone ORS breakpoint Y3**	Breakpoint Y3 setting according to the diagram for ORS.	10.00	40.00	°C	21.50	
4x0361	**Xzone ORS breakpoint Y4**	Breakpoint Y4 setting according to the diagram for ORS.	10.00	40.00	°C	21.50	
4x0362							
4x0363							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Xzone ORE Reg.					
4x0364	Xzone ORE breakpoint X1	Breakpoint X1 setting according to the diagram for ORE.	-5.00	4x0365	°C	-20.00	
4x0365	Xzone ORE breakpoint X2	Breakpoint X2 setting according to the diagram for ORE.	4x364	4x0366	°C	-10.00	
4x0366	Xzone ORE breakpoint X3	Breakpoint X3 setting according to the diagram for ORE.	4x365	4x0367	°C	10.00	
4x0367	Xzone ORE breakpoint X4	Breakpoint X4 setting according to the diagram for ORE.	4x366	50.00	°C	20.00	
4x0368	Xzone ORE breakpoint Y1	Breakpoint Y1 setting according to the diagram for ORE.	10.00	40.00	°C	21.50	
4x0369	Xzone ORE breakpoint Y2	Breakpoint Y2 setting according to the diagram for ORE.	10.00	40.00	°C	21.50	
4x0370	Xzone ORE breakpoint Y3	Breakpoint Y3 setting according to the diagram for ORE.	10.00	40.00	°C	21.50	
4x0371	Xzone ORE breakpoint Y4		10.00	40.00	°C	21.50	
4x0372							
4x0373							
		Xzone external sensors					
4x0374	Xzone external room sensor 1 function		0	1		0	
4x0375	Xzone external room sensor 2 function		0	1		0	
4x0376	Xzone external room sensor 3 function		0	1		0	
4x0377	Xzone external room sensor 4 function		0	1		0	
4x0378	Xzone external room sensors measurement function	0=Average, 1=Min, 2=Max	0	2		0	
4x0379	Xzone external room temp from BMS function		0	1		0	
4x0380	Xzone external room temp from BMS		-55.00	125.00	°C	0.00	
4x0381	Xzone external room temp from BMS alarm time		0	9999	min	5	
4x0382							
4x0383							
		Xzone Heat/Cool					
4x0384	Xzone reheat P-band		1.00	10.00	K	8.00	
4x0385	Xzone reheat I-time		1	1800	s	70	
4x0386	Xzone reheat periodic operation of pump function		0	1		1	
4x0387	Xzone reheat periodic operation of valve function		0	1		1	
4x0388	Xzone reheat periodic operation interval		0	168	h	24	
4x0389	Xzone reheat periodic operation time		0	60	min	3	
4x0390	Xzone combi coil module A external signal indication	0=Heat, 1=Cool	0	1		0	2.43
4x0391	Xzone combi coil module A output indication	0=Heat, 1=Cool	0	1		0	2.43
4x0392	Xzone combi coil module A external signal value	0=Inactive, 1=Active	0	1		0	2.43
4x0393							
4x0394							
4x0395	Xzone Cool on/off regulation function	0=Inactive, 1=1 step, 2=2 steps, 3=3 steps.	0	3		0	
4x0396	Xzone Cool SA neutral zone		0.50	10.00	K	0.50	
4x0397	Xzone Cool EA neutral zone		0.50	10.00	K	0.50	
4x0398	Xzone Cool P-band		1.00	10.00	K	6.00	
4x0399	Xzone Cool I-time		1	1800	s	60	
4x0400	Xzone Cool relay 1 periodic operation of pump function		0	1		0	
4x0401	Xzone Cool relay 2 periodic operation of pump function		0	1		0	
4x0402	Xzone Cool periodic operation of valve function		0	1		0	
4x0403	Xzone Cool periodic operation interval		0	168	h	24	
4x0404	Xzone Cool periodic operation time		0	60	min	3	
4x0405	Xzone combi coil module B external signal indication	0=Heat, 1=Cool	0	1		0	2.43
4x0406	Xzone combi coil module B output indication	0=Heat, 1=Cool	0	1		0	2.43
4x0407	Xzone combi coil module B external signal value	0=Inactive, 1=Active	0	1		0	2.43
4x0408							
4x0409							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
		Pre-heat					
4x0410	Pre-heat function		0	1		0	
4x0411	Pre-heat temperature set point		-40.00	40.00	°C	5.00	
4x0412	Pre-heat P-band		1.00	10.00	K	8.00	
4x0413	Pre-heat I-time		1	1800	s	70	
4x0414	Pre-heat periodic operation of pump function		0	1		1	
4x0415	Pre-heat periodic operation of valve function		0	1		1	
4x0416	Pre-heat periodic operation interval						
4x0417	Pre-heat periodic operation time						
4x0418							
4x0419							
4x0420							
4x0421							
4x0422							
		$ReCO_2$					
4x0423	$ReCO_2$-CO_2 function	0=Inactive, 1=CO_2, 2=CO_2 and air flow boost	0	2		0	
4x0424	$ReCO_2$ temperature regulation sequence function	0=Inactive, 1=Heat, 2=Cool, 3=Heat and Cool.	0	3		0	
4x0425	$ReCO_2$ Calibration		0	1		0	
4x0426	$ReCO_2$-CO_2 set point		0.00	100.00	%	50.00	
4x0427	$ReCO_2$ min. outdoor air		0	3x0057	l/s		
4x0428	$ReCO_2$ min. exhaust air		0	3x0058	l/s		
4x0429	$ReCO_2$-CO_2 P-band		1.00	100.00	%	50.00	
4x0430	$ReCO_2$-CO_2 I-time		1	1800	s	60	
4x0431	$ReCO_2$-CO_2 air flow boost reg. P-band		10.00	100.00	%	50.00	
4x0432	$ReCO_2$-CO_2 air flow boost reg. I-time		1	1800	s	60	
4x0433	$ReCO_2$ heat P-band		1.00	10.00	K	7.00	
4x0434	$ReCO_2$ heat I-time		1	1800	s	70	
4x0435	$ReCO_2$ cool P-band		1.00	10.00	K	6.00	
4x0436	$ReCO_2$ cool I-time		1	1800	s	60	
4x0437	$ReCO_2$-CO_2 ppm set point		0	10000	ppm	1000	1.28
4x0438	$ReCO_2$-CO_2 ppm P-band		100	10000	ppm	600	1.28
4x0439	$ReCO_2$-VOC ppm set point		0	10000	ppm	1500	1.28
4x0440	$ReCO_2$-VOC ppm P-band		100	10000	ppm	1000	1.28
		Humidity/VOC					
4x0441	Humidifying function	0=Inactive, 1=on/off, 2=0-10V	0	2		0	
4x0442	Humidifying sensor	0=SA, 1=EA	0	1		0	
4x0443	Humidifying on/off start level		10.00	4x0444	%RH	40.00	
4x0444	Humidifying on/off stop level		4x0443	95.00	%RH	45.00	
4x0445							
4x0446							
4x0447							
4x0448	Humidifying 0-10V set point		10.00	95.00	%RH	30.00	
4x0449	Humidifying 0-10V SA max set point		10.00	95.00	%RH	80.00	
4x0450	Humidifying 0-10V SA P-band		1.00	200.00	%RH	60.00	
4x0451	Humidifying 0-10V SA I-time		1	1800	s	30	
4x0452	Humidifying 0-10V EA P-band		1.00	200.00	%RH	60.00	
4x0453	Humidifying 0-10V EA I-time		1	1800	s	180	
4x0454							
4x0455							
4x0456							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0457	Dehumidifying function	0=Inactive, 1=SA, 2=EA, 3=Room(2.42)	0	3		1	1.12
4x0458	Dehumidifying SA set point		10.00	90.00	%RH	50.00	
4x0459	Heat exchange active in dehumidifying sequence		0	1		0	
4x0460	Dehumidifying EA set point		10.00	90.00	%RH	50.00	1.18
4x0461							
4x0462							
4x0463							
4x0464							
4x0465	VOC sensor function	0=Inactive, 1=Monitoring only, 2=Monitoring and regulation	0	2		0	1.17
4x0466							
4x0467							
4x0468							
		COOL DX					
4x0469	COOL DX Function	0=Inactive, 1=Economy, 2=Comfort, 3=Top	0	3		0	
4x0470	COOL DX Low pressure stop limit		1.00	10.00	Bar	3.00	
4x0471	COOL DX High pressure stop limit		25.00	40.00	Bar	39.00	
4x0472	COOL DX Restart time	Time setting between start - start	5	15	min	5	
		Exhaust heat					
4x0473	Constant exhaust air temperature function	0=Inactive, 1=Active	0	1		0	2.43
4x0474	Exhaust heat temperature set point	Exhaust heat temperature set point	-40.00	40.00	°C	5.00	2.43
4x0475	Exhaust heat P-band	Exhaust heat P-band	1.00	10.00	K	8.00	2.43
4x0476	Exhaust heat I-time	Exhaust heat I-time	1	1800	s	70	2.43
4x0477	Exhaust heat periodic operation of pump function	Exhaust heat periodic operation of pump function	0	1		1	2.43
4x0478	Exhaust heat periodic operation of valve function	Exhaust heat periodic operation of valve function	0	1		1	2.43
4x0479	Exhaust heat periodic operation interval	Exhaust heat periodic operation interval	0	168	h	24	2.43
4x0480	Exhaust heat periodic operation time	Exhaust heat periodic operation time	0	60	min	3	2.43
		SMART Link					
4x0481	SMART Link Function	0=Inactive, 1=Water based heat pump, 2=Water based chiller, 3=Water based reversible, 4=DX based heat pump, 5=DX based chiller, 6=DX based reversible,	0	6		0	
4x0482	SMART Link WB Heat temperature set point		3x0299	3x0300	°C	40.0	
4x0483	SMART Link WB Heat temperature heat zone		1.0	10.0	K	3.0	
4x0484	SMART Link WB Cool temperature set point		3x0301	3x0302	°C	12.0	
4x0485	SMART Link WB Cool temperature heat zone		1.0	10.0	K	2.0	
4x0486							
4x0487							
4x0488							
4x0489	SMART Link WB Cooling Optimize function		0	1		0	1.26
4x0490	SMART Link WB Heating Optimize function		0	1		0	
4x0491	SMART Link WB Optimize valve upper limit		5.0	90.0	%	80.0	
4x0492	SMART Link WB Optimize valve lower limit		70.0	100.0	%	100.0	
4x0493	SMART Link WB Optimize time delay		30	32000	s	60	
4x0494	SMART Link WB Optimize heat regulation speed		0.001	1.000	K/s	0.005	
4x0495	SMART Link WB Optimize cool regulation speed		0.001	1.000	K/s	0.010	
4x0496							
4x0497							
4x0498							
4x0499							
4x0500							
4x0501							
4x0502							
4x0503							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0504	AQUA Link Function		0	1			
4x0505	AQUA Link Pump alarm function	0=Inactive, 1=alarm at closed contact, 2=Alarm at open contact, 3=Alarm when in -and output are unequal (contactor function).	0	3			
4x0506							
4x0507							
4x0508							
4x0509							
4x0510	SMART Link DX Amount of units		0	4		1	
4x0511							
4x0512							
4x0513							
4x0514							
4x0515	SMART Link DX Time delay before defrost		30	900	s	90	
4x0516							
4x0517							
4x0518							
4x0519	SMART Link OA temp limit		-50.00	50.00	°C	-30.00	1.12
4x0520							
		AYC					
4x0521	AYC Function	0=Inactive, 1=Chilled water, 2=Heated water, 3=Chilled and heated water	0	3		0	
4x0522							
4x0523							
4x0524	AYC Heated water temp set point		10.00	80.00	°C	30.00	
4x0525							
4x0526	AYC Heated water OA temp for start of pump		-40.00	40.00		15.00	
4x0527	AYC Heated water OA temp for stop of pump		-40.00	40.00		18.00	
4x0528	AYC Heated water alarm function for pump	0=Inactive, 1= Alarm at open contact, 2=Alarm at closed contact, 3=Contactor	0	3		0	1.10
4x0529							
4x0530	AYC Heated water periodic operation of pump		0	1		1	
4x0531	AYC Heated water periodic operation of valve			1		0	
4x0532	AYC Heated water periodic operation interval		0	168	h	24	
4x0533	AYC Heated water periodic operation time		0	60	min	3	
4x0534							
4x0535							
4x0536	AYC Heated water OA temp compensation		0	1		0	
4x0537	AYC Heated water OA temp compensation X1		-40.00	4x0538	°C	-20.00	
4x0538	AYC Heated water OA temp compensation X2		4x0537	4x0539	°C	0.00	
4x0539	AYC Heated water OA temp compensation X3		4x0538	4x0540	°C	5.00	
4x0540	AYC Heated water OA temp compensation X4		4x0539	40.00	°C	15.00	
4x0541	AYC Heated water OA temp compensation Y1		-40.00	40.00	°C	40.00	
4x0542	AYC Heated water OA temp compensation Y2		-40.00	40.00	°C	30.00	
4x0543	AYC Heated water OA temp compensation Y3		-40.00	40.00	°C	20.00	
4x0544	AYC Heated water OA temp compensation Y4		-40.00	40.00	°C	15.00	
4x0545							
4x0546							
4x0547	AYC Heated water room temp compensation function		0	1		0	
4x0548	AYC Heated water room temp compensation at night	0=Enabled during night, 1=Disabled during night	0	1		0	
4x0549	AYC Heated water room temp compensation temperature		0.00	40.00	°C	21.00	
4x0550	AYC Heated water room temp compensation P-band		1.00	10.00	K	5.00	
4x0551							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0552							
4x0553	AYC Heated water night temp compensation function		0	1		0	
4x0554	AYC Heated water night temp compensation temp		-10.00	10.00	K	-2.00	
4x0555	AYC Heated water night temp compensation time 1 (days)	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	
4x0556	AYC Heated water night temp compensation start time 1 (hour)		0	23	h	0	
4x0557	AYC Heated water night temp compensation start time 1 (minutes)		0	59	min	0	
4x0558	AYC Heated water night temp compensation stop time 1 (hour)		0	23	h	0	
4x0559	AYC Heated water night temp compensation stop time 1 (minutes)		0	59	min	0	
4x0560							
4x0561							
4x0562	AYC Heated water night temp compensation time 2 (days)	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	
4x0563	AYC Heated water night temp compensation start time 2 (hour)		0	23	h	0	
4x0564	AYC Heated water night temp compensation start time 2 (minutes)		0	59	min	0	
4x0565	AYC Heated water night temp compensation stop time 2 (hour)		0	23	h	0	
4x0566	AYC Heated water night temp compensation stop time 2 (minutes)		0	59	min	0	
4x0567							
4x0568							
4x0569	AYC Heated water P-band		1.00	40..00	K	15.00	
4x0570	AYC Heated water I-time		1	600	s	60	
4x0571							
4x0572	AYC Chilled water temp set point		10.00	80.00	°C	30.00	
4x0573							
4x0574							
4x0575	AYC Chilled water OA temp for start of pump		-40.00	40.00		15.00	
4x0576	AYC Chilled water OA temp for stop of pump		-40.00	40.00		18.00	
4x0577	AYC Chilled water alarm function for pump	0=Inactive, 1= Alarm at open contact, 2=Alarm at closed contact, 3=Contactor	0	3		0	1.10
4x0578							
4x0579	AYC Chilled water periodic operation of pump		0	1		1	
4x0580	AYC Chilled water periodic operation of valve			1		0	
4x0581	AYC Chilled water periodic operation interval		0	168	h	24	
4x0582	AYC Chilled water periodic operation time		0	60	min	3	
4x0583							
4x0584							
4x0585	AYC Chilled water OA temp compensation		0	1		0	
4x0586	AYC Chilled water OA temp compensation X1		-40.00	4x0587	°C	-20.00	
4x0587	AYC Chilled water OA temp compensation X2		4x0586	4x0588	°C	0.00	
4x0588	AYC Chilled water OA temp compensation X3		4x0587	4x0589	°C	5.00	
4x0589	AYC Chilled water OA temp compensation X4		4x0588	40.00	°C	15.00	
4x0590	AYC Chilled water OA temp compensation Y1		-40.00	40.00	°C	40.00	
4x0591	AYC Chilled water OA temp compensation Y2		-40.00	40.00	°C	30.00	
4x0592	AYC Chilled water OA temp compensation Y3		-40.00	40.00	°C	20.00	
4x0593	AYC Chilled water OA temp compensation Y4		-40.00	40.00	°C	15.00	
4x0594							
4x0595							
4x0596	AYC Chilled water room temp compensation function		0	1		0	
4x0597	AYC Chilled water room temp compensation at night	0=Enabled during night, 1=Disabled during night	0	1		0	
4x0598	AYC Chilledwater room temp compensation temperature		0.00	40.00	°C	21.00	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0599	AYC Chilled water room temp compensation P-band		1.00	10.00	K	5.00	
4x0600							
4x0601							
4x0602	AYC Chilled water night temp compensation function		0	1		0	
4x0603	AYC Chilled water night temp compensation temp		-10.00	10.00	K	-2.00	
4x0604	AYC Chilled water night temp compensation time 1 (days)	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	
4x0605	AYC Chilled water night temp compensation start time 1 (hour)		0	23	h	0	
4x0606	AYC Chilled water night temp compensation start time 1 (minutes)		0	59	min	0	
4x0607	AYC Chilled water night temp compensation stop time 1 (hour)		0	23	h	0	
4x0608	AYC Chilled water night temp compensation stop time 1 (minutes)		0	59	min	0	
4x0609							
4x0610							
4x0611	AYC Chilled water night temp compensation time 2 (days)	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	
4x0612	AYC Chilled water night temp compensation start time 2 (hour)		0	23	h	0	
4x0613	AYC Chilled water night temp compensation start time 2 (minutes)		0	59	min	0	
4x0614	AYC Chilledwater night temp compensation stop time 2 (hour)		0	23	h	0	
4x0615	AYC Chilled water night temp compensation stop time 2 (minutes)		0	59	min	0	
4x0616							
4x0617							
4x0618	AYC Chilled water dew point compensation air flow boost		0	1		0	
4x0619	AYC Chilled water dew point compensation neutral zone		0	5.00	K	2.00	
4x0620	AYC Chilled water dew point compensation regulation speed	Percent air flow boost of each increased chilled water set point.	0	30.00	%/K	10.00	
4x0621							
4x0622							
4x0623	AYC Chilled water P-band		1.00	40..00	K	15.00	
4x0624	AYC Chilled water I-time		1	600	s	60	
4x0625							
4x0626							
4x0627							
4x0628							
4x0629							
4x0630							
4x0631							
4x0632							
4x0633							
4x0634							
4x0635							
4x0636							
		Optimize					
4x0637	Optimize function		0	1		0	
4x0638	Optimize SA pressure set point		20.0	750.0	Pa	0	
4x0639	Optimize EA pressure set point		20.0	750.0	Pa	0	
4x0640							
4x0641							
4x0642							
4x0643							
4x0644							
4x0645							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0646							
4x0647							
4x0648							
4x0649							
4x0650							
4x0651							
4x0652							
4x0653							
4x0654							
		MIRU Control					
4x0655							
4x0656							
4x0657							
4x0658							
4x0659							
4x0660	**MIRU Control 1 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0661	**MIRU Control 2 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0662	**MIRU Control 3 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0663	**MIRU Control 4 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0664	**MIRU Control 5 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0665	**MIRU Control 6 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0666	**MIRU Control 7 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0667	**MIRU Control 8 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0668	**MIRU Control 9 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0669	**MIRU Control 10 function**	0=Inactive, 1=Parallel start, 2=Parallell low / high speed , 3=Parallel start and Low / high speed	0	3		0	
4x0670							
4x0671	**MIRU Control 1 balanced air flow function**	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0672	**MIRU Control 1 Low speed duct pressure set point**		0	750	Pa	100	
4x0673	**MIRU Control 1 High speed duct pressure set point**		0	750	Pa	200	
4x0674	**MIRU Control 1 Low speed air flow set point**		3x0400	3x0401	l/s		
4x0675	**MIRU Control 1 High speed air flow set point**		3x0400	3x0401	l/s		
4x0676	**MIRU Control 1 offset factor for slave controlled air flow**	Offset factor	2.00	20.00	%	10.00	2.42
4x0677	**MIRU Control 1 fixed flow offset for slave controlled SA flow**		0	3x0401	l/s		2.42
4x0678							
4x0679	**MIRU Control 2 balanced air flow function**	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0680	**MIRU Control 2 Low speed duct pressure set point**		0	750	Pa	100	
4x0681	**MIRU Control 2 High speed duct pressure set point**		0	750	Pa	200	
4x0682	**MIRU Control 2 Low speed air flow set point**		3x0417	3x0418	l/s		
4x0683	**MIRU Control 2 High speed air flow set point**		3x0417	3x0418	l/s		
4x0684	**MIRU Control 2 offset factor for slave controlled air flow**	Offset factor	2.00	20.00	%	10.00	2.42
4x0685	**MIRU Control 2 fixed flow offset for slave controlled SA flow**		0	3x0418	l/s		2.42
4x0686							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0687	MIRU Control 3 balanced air flow function	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0688	MIRU Control 3 Low speed duct pressure set point		0	750	Pa	100	
4x0689	MIRU Control 3 High speed duct pressure set point		0	750	Pa	200	
4x0690	MIRU Control 3 Low speed air flow set point		3x0434	3x0435	l/s		
4x0691	MIRU Control 3 High speed air flow set point		3x0434	3x0435	l/s		
4x0692	MIRU Control 3 offset factor for slave controlled air flow	Offset factor	2.00	20.00	%	10.00	2.42
4x0693	MIRU Control 3 fixed flow offset for slave controlled SA flow		0	3x0435	l/s		2.42
4x0694							
4x0695	MIRU Control 4 balanced air flow function	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0696	MIRU Control 4 Low speed duct pressure set point		0	750	Pa	100	
4x0697	MIRU Control 4 High speed duct pressure set point		0	750	Pa	200	
4x0698	MIRU Control 4 Low speed air flow set point		3x0451	3x0452	l/s		
4x0699	MIRU Control 4 High speed air flow set point		3x0451	3x0452	l/s		
4x0700							
4x0701							
4x0702							
4x0703	MIRU Control 5 balanced air flow function	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0704	MIRU Control 5 Low speed duct pressure set point		0	750	Pa	100	
4x0705	MIRU Control 5 High speed duct pressure set point		0	750	Pa	200	
4x0706	MIRU Control 5 Low speed air flow set point		3x0468	3x0469	l/s		
4x0707	MIRU Control 5 High speed air flow set point		3x0468	3x0469	l/s		
4x0708							
4x0709							
4x0710							
4x0711	MIRU Control 6 balanced air flow function	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0712	MIRU Control 6 Low speed duct pressure set point		0	750	Pa	100	
4x0713	MIRU Control 6 High speed duct pressure set point		0	750	Pa	200	
4x0714	MIRU Control 6 Low speed air flow set point		3x0485	3x0486	l/s		
4x0715	MIRU Control 6 High speed air flow set point		3x0485	3x0486	l/s		
4x0716							
4x0717							
4x0718							
4x0719	MIRU Control 7 balanced air flow function	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0720	MIRU Control 7 Low speed duct pressure set point		0	750	Pa	100	
4x0721	MIRU Control 7 High speed duct pressure set point		0	750	Pa	200	
4x0722	MIRU Control 7 Low speed air flow set point		3x0502	3x0503	l/s		
4x0723	MIRU Control 7 High speed air flow set point		3x0502	3x0503	l/s		
4x0724							
4x0725							
4x0726							
4x0727	MIRU Control 8 balanced air flow function	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0728	MIRU Control 8 Low speed duct pressure set point		0	750	Pa	100	
4x0729	MIRU Control 8 High speed duct pressure set point		0	750	Pa	200	
4x0730	MIRU Control 8 Low speed air flow set point		3x0519	3x0520	l/s		
4x0731	MIRU Control 8 High speed air flow set point		3x0519	3x0520	l/s		
4x0732							
4x0733							
4x0734							
4x0735	MIRU Control 9 balanced air flow function	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0736	MIRU Control 9 Low speed duct pressure set point		0	750	Pa	100	
4x0737	MIRU Control 9 High speed duct pressure set point		0	750	Pa	200	
4x0738	MIRU Control 9 Low speed air flow set point		3x0536	3x0537	l/s		

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0739	MIRU Control 9 High speed air flow set point		3x0536	3x0537	l/s		
4x0740							
4x0741							
4x0742							
4x0743	MIRU Control 10 balanced air flow function	0=Inactive, 1=SA, 2=EA.	0	2		0	
4x0744	MIRU Control 10 Low speed duct pressure set point		0	750	Pa	100	
4x0745	MIRU Control 10 High speed duct pressure set point		0	750	Pa	200	
4x0746	MIRU Control 10 Low speed air flow set point		3x0553	3x0554	l/s		
4x0747	MIRU Control 10 High speed air flow set point		3x0553	3x0554	l/s		
4x0748							
4x0749							
4x0750							
4x0751							
		Efficiency measurement					
4x0752	Delta temperature alarm limit		3.00	20.00	K	6.00	1.23
4x0753	Efficiency alarm limit		10.00	70.00	%	50.00	1.23
		Neutral zone					
4x0754	Extra regulation sequence 1 heat neutral zone		0	10.00	K	0	1.32
4x0755	Extra regulation sequence 2 heat neutral zone		0	10.00	K	0	1.32
4x0756	ReCO2 heat neutral zone		0	10.00	K	0	1.32
4x0757	H/C heat neutral zone		0	10.00	K	0	1.32
4x0758	Re-heat neutral zone		0	10.00	K	0	1.32
4x0759	Extra regulation sequence 1 cool neutral zone		0	10.00	K	0	1.32
4x0760	Extra regulation sequence 2 cool neutral zone		0	10.00	K	0	1.32
4x0761	ReCO2 cool neutral zone		0	10.00	K	0	1.32
4x0762	H/C cool neutral zone		0	10.00	K	0	1.32
4x0763	Cool neutral zone		0	10.00	K	0	1.32
4x0764	Cooling boost neutral zone		0	10.00	K	0	1.32
4x0765	Heat neutral zone function	0=Set point, 1=Start limit.	0	1		0	1.32
4x0766	Cool neutral zone function	0=Set point, 1=Start limit.	0	1		0	1.32
4x0767							
4x0768							
4x0769							
4x0770							
4x0771							
4x0772							
4x0773							
4x0774							
		Night temp compensation					
4x0775	Night temp compensation function		0	1		0	1.31
4x0776	Night temp compensation temp		-10.00	0	K	-2.00	1.31
4x0777	Night temp compensation time 1 (days)	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	1.31
4x0778	Night temp compensation start time 1 (hour)		0	23	h	0	1.31
4x0779	Night temp compensation start time 1 (minute)		0	59	min	0	1.31
4x0780	Night temp compensation stop time 1 (hour)		0	23	h	0	1.31
4x0781	Night temp compensation stop time 1 (minute)		0	59	min	0	1.31
4x0782	Night temp compensation time 2 (days)	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	1.31
4x0783	Night temp compensation start time 2 (hour)		0	23	h	0	1.31

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0784	Night temp compensation start time 2 (minute)		0	59	min	0	1.31
4x0785	Night temp compensation stop time 2 (hour)		0	23	h	0	1.31
4x0786	Night temp compensation stop time 2 (minute)		0	59	min	0	1.31
4x0787							
4x0788							
4x0789							
4x0790							
4x0791							
4x0792							
		Operation level settings					
4x0793	Communication operation level	0=auto, 1=total stop, 2=low speed, 3=high speed, 4=normal stop, 5=extended normal stop.	0	5		0	
4x0794							
4x0795							
4x0796							
4x0797							
4x0798							
4x0799							
		BMS I/O-modules					
4x0800	External operation I/O-module A, analogue output		0.00	100.00	%	0.00	1.20
4x0801	External operation I/O-module B, analogue output		0.00	100.00	%	0.00	1.20
4x0802	External operation I/O-module C, analogue output		0.00	100.00	%	0.00	1.20
4x0803							
4x0804							
4x0805							
4x0806							
4x0807							
4x0808							
4x0809							
4x0810							
4x0811							
4x0812							
4x0813							
4x0814							
4x0815							
		Reserved					
4x0816	Extra regulation sequence 2 function	0=Inactive, 1=Heat, 2=Cool, 3=Heat and Cool.	0	3		0	1.13
4x0817	Extra regulation sequence 2 output function	0=0-10V, 1=10-0V	0	1		0	1.13
4x0818	Extra regulation sequence 2 heat max output signal	Maximum output signal setting for the extra regulation sequence.	0.00	100.00	%	100.00	1.13
4x0819	Extra regulation sequence 2 cool max output signal	Maximum output signal setting for the extra regulation sequence.	0.00	100.00	%	100.00	1.13
4x0820	Extra regulation sequence 2 heat P-band		1.00	10.00	K	8	1.13
4x0821	Extra regulation sequence 2 heat I-time		1	1800	s	70	1.13
4x0822	Extra regulation sequence 2 cool P-band		1.00	10.00	K	6	1.13
4x0823	Extra regulation sequence 2 cool I-time		1	1800	s	60	1.13
4x0824	Extra regulation 2 periodic operation of pump function		0	1		1	1.13
4x0825	Extra regulation 2 periodic operation of valve function		0	1		1	1.13
4x0826	Extra regulation 2 periodic operation interval		0	168	h	24	1.13
4x0827	Extra regulation 2 periodic operation time		0	60	min	3	1.13
4x0828	Extra regulation 2 combi coil external signal indication	0=Heat, 1=Cool	0	1		0	1.26
4x0829	Extra regulation 2 combi coil external signal value	0=Inactive, 1=Active	0	1		0	1.26
4x0830	Seasonal controlled supply air		0.00	40.00	C	21.00	1.28
4x0831	Seasonal controlled extract air/room temp		0.00	40.00	C	21.00	1.28

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0832	**Seasonal controlled supply air min temp**		0.00	30.00	C	16.00	1.28
4x0833	**Seasonal controlled supply air max temp**		8.00	50.00	C	28.00	1.28
4x0834	**Extra regulation 2 combi coil output indication**	0=Heat, 1=Cool	0	1		0	2.37
4x0835							
4x0836							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0837							
4x0838							
4x0839							
4x0840							
4x0841							
4x0842							
4x0843							
4x0844							
4x0845							
4x0846							
4x0847							
4x0848							
4x0849							
		H/C					
4x0850	H/C heat mode	0=Standard, 1=Comfort	0	1		0	1.23
4x0851	H/C cool mode	0=Standard, 1=Comfort	0	1		0	1.23
4x0852	H/C outdoor temperature limit heating		-50.00	50.00	°C	-20.00	1.23
4x0853	H/C outdoor temperature limit cooling		0.00	50.00	°C	15.00	1.23
4x0854	H/C air flow limit supply air		0	3x00057	l/s		1.23
4x0855	H/C air flow limit extract air		0	3x00058	l/s		1.23
4x0856							
4x0857							
4x0858							
4x0859							
4x0860							
4x0861							
4x0862							
4x0863							
4x0864							
4x0865							
4x0866							
4x0867							
4x0868							
4x0869							
4x0870							
4x0871							
4x0872							
4x0873							
4x0874							
4x0875							
4x0876							
4x0877							
4x0878							
4x0879							
4x0880							
4x0881							
4x0882							
4x0883							
4x0884							
4x0885							
4x0886							
4x0887							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0888							
4x0889							
		Humidifying					
4x0890	**Humidifying time 1 (days)**	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	2.37
4x0891	**Humidifying start time 1 (hour)**		0	23	h	0	2.37
4x0892	**Humidifying start time 1 (minute)**		0	59	min	0	2.37
4x0893	**Humidifying stop time 1 (hour)**		0	23	h	0	2.37
4x0894	**Humidifying stop time 1 (minute)**		0	59	min	0	2.37
4x0895	**Humidifying time 2 (days)**	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	2.37
4x0896	**Humidifying start time 2 (hour)**		0	23	h	0	2.37
4x0897	**Humidifying start time 2 (minute)**		0	59	min	0	2.37
4x0898	**Humidifying stop time 2 (hour)**		0	23	h	0	2.37
4x0899	**Humidifying stop time 2 (minute)**		0	59	min	0	2.37
4x0900	**Humidifying time 3 (days)**	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	2.37
4x0901	**Humidifying start time 3 (hour)**		0	23	h	0	2.37
4x0902	**Humidifying start time 3 (minute)**		0	59	min	0	2.37
4x0903	**Humidifying stop time 3 (hour)**		0	23	h	0	2.37
4x0904	**Humidifying stop time 3 (minute)**		0	59	min	0	2.37
4x0905	**Humidifying time 4 (days)**	0=Inactive, 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday, 8=Monday to Friday, 9= Monday to Sunday, 10=Saturday to Sunday.	0	10		0	2.37
4x0906	**Humidifying start time 4 (hour)**		0	23	h	0	2.37
4x0907	**Humidifying start time 4 (minute)**		0	59	min	0	2.37
4x0908	**Humidifying stop time 4 (hour)**		0	23	h	0	2.37
4x0909	**Humidifying stop time 4 (minute)**		0	59	min	0	2.37
4x0910	**Humidifying start time**	Humidifying time channel start level	10.00	4x0911	%RH	50.00	2.37
4x0911	**Humidifying stop time**	Humidifying time channel stop level	4x0910	95.00	%RH	55.00	2.37
4x0912	**Humidifying time**	Humidifying time channel set point	10.00	95.00	%RH	40.00	2.37
4x0913							
4x0914							
4x0915							
		Time schedule					
4x0916	**Year**	Setting for the unit's internal clock	2000	2099		2000	
4x0917	**Month**	Setting for the unit's internal clock	1	12		1	
4x0918	**Date**	Setting for the unit's internal clock	1	31		1	
4x0919	**Hour**	Setting for the unit's internal clock	0	23		0	
4x0920	**Minute**	Setting for the unit's internal clock	0	59		0	
4x0921	**Second**	Setting for the unit's internal clock	0	59		0	
4x0922							
4x0923							
4x0924							
4x0925							
4x0926							
4x0927							
4x0928							
4x0929							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0930							
4x0931							

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0932	Default action	1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop	1	5		2	
4x0933	Effective period always	0=Off, 1=On	0	1		1	
4x0934	Effective period, Start year	0=Unspecified	2000	2099		2000	
4x0935	Effective period, Start month	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x0936	Effective period, Start date	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x0937	Effective period, Start week day	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x0938	Effective period, Stop year	0=Unspecified	2000	2099		2000	
4x0939	Effective period, Stop month	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x0940	Effective period, Stop date	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x0941	Effective period, Stop week day	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x0942	Day schedule, Monday hour #1		0	23	h	0	
4x0943	Day schedule, Monday hour #2		0	23	h	0	
4x0944	Day schedule, Monday hour #3		0	23	h	0	
4x0945	Day schedule, Monday hour #4		0	23	h	0	
4x0946	Day schedule, Monday hour #5		0	23	h	0	
4x0947	Day schedule, Monday hour #6		0	23	h	0	
4x0948	Day schedule, Monday minute #1		0	59	min	0	
4x0949	Day schedule, Monday minute #2		0	59	min	0	
4x0950	Day schedule, Monday minute #3		0	59	min	0	
4x0951	Day schedule, Monday minute #4		0	59	min	0	
4x0952	Day schedule, Monday minute #5		0	59	min	0	
4x0953	Day schedule, Monday minute #6		0	59	min	0	
4x0954	Day schedule, Monday action #1	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0955	Day schedule, Monday action #2	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0956	Day schedule, Monday action #3	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0957	Day schedule, Monday action #4	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0958	Day schedule, Monday action #5	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0959	Day schedule, Monday action #6	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0960	Day schedule, Tuesday hour #1		0	23	h	0	
4x0961	Day schedule, Tuesday hour #2		0	23	h	0	
4x0962	Day schedule, Tuesday hour #3		0	23	h	0	
4x0963	Day schedule, Tuesday hour #4		0	23	h	0	
4x0964	Day schedule, Tuesday hour #5		0	23	h	0	
4x0965	Day schedule, Tuesday hour #6		0	23	h	0	
4x0966	Day schedule, Tuesday minute #1		0	59	min	0	
4x0967	Day schedule, Tuesday minute #2		0	59	min	0	
4x0968	Day schedule, Tuesday minute #3		0	59	min	0	
4x0969	Day schedule, Tuesday minute #4		0	59	min	0	
4x0970	Day schedule, Tuesday minute #5		0	59	min	0	
4x0971	Day schedule, Tuesday minute #6		0	59	min	0	
4x0972	Day schedule, Tuesday action #1	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0973	Day schedule, Tuesday action #2	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x0974	Day schedule, Tuesday action #3	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0975	Day schedule, Tuesday action #4	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0976	Day schedule, Tuesday action #5	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0977	Day schedule, Tuesday action #6	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0978	Day schedule, Wednesday hour #1		0	23	h	0	
4x0979	Day schedule, Wednesday hour #2		0	23	h	0	
4x0980	Day schedule, Wednesday hour #3		0	23	h	0	
4x0981	Day schedule, Wednesday hour #4		0	23	h	0	
4x0982	Day schedule, Wednesday hour #5		0	23	h	0	
4x0983	Day schedule, Wednesday hour #6		0	23	h	0	
4x0984	Day schedule, Wednesday minute #1		0	59	min	0	
4x0985	Day schedule, Wednesday minute #2		0	59	min	0	
4x0986	Day schedule, Wednesday minute #3		0	59	min	0	
4x0987	Day schedule, Wednesday minute #4		0	59	min	0	
4x0988	Day schedule, Wednesday minute #5		0	59	min	0	
4x0989	Day schedule, Wednesday minute #6		0	59	min	0	
4x0990	Day schedule, Wednesday action #1	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0991	Day schedule, Wednesday action #2	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0992	Day schedule, Wednesday action #3	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0993	Day schedule, Wednesday action #4	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0994	Day schedule, Wednesday action #5	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0995	Day schedule, Wednesday action #6	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x0996	Day schedule, Thursday hour #1		0	23	h	0	
4x0997	Day schedule, Thursday hour #2		0	23	h	0	
4x0998	Day schedule, Thursday hour #3		0	23	h	0	
4x0999	Day schedule, Thursday hour #4		0	23	h	0	
4x1000	Day schedule, Thursday hour #5		0	23	h	0	
4x1001	Day schedule, Thursday hour #6		0	23	h	0	
4x1002	Day schedule, Thursday minute #1		0	59	min	0	
4x1003	Day schedule, Thursday minute #2		0	59	min	0	
4x1004	Day schedule, Thursday minute #3		0	59	min	0	
4x1005	Day schedule, Thursday minute #4		0	59	min	0	
4x1006	Day schedule, Thursday minute #5		0	59	min	0	
4x1007	Day schedule, Thursday minute #6		0	59	min	0	
4x1008	Day schedule, Thursday action #1	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1009	Day schedule, Thursday action #2	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1010	Day schedule, Thursday action #3	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1011	Day schedule, Thursday action #4	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1012	**Day schedule, Thursday action #5**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1013	**Day schedule, Thursday action #6**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1014	**Day schedule, Friday hour #1**		0	23	h	0	
4x1015	**Day schedule, Friday hour #2**		0	23	h	0	
4x1016	**Day schedule, Friday hour #3**		0	23	h	0	
4x1017	**Day schedule, Friday hour #4**		0	23	h	0	
4x1018	**Day schedule, Friday hour #5**		0	23	h	0	
4x1019	**Day schedule, Friday hour #6**		0	23	h	0	
4x1020	**Day schedule, Friday minute #1**		0	59	min	0	
4x1021	**Day schedule, Friday minute #2**		0	59	min	0	
4x1022	**Day schedule, Friday minute #3**		0	59	min	0	
4x1023	**Day schedule, Friday minute #4**		0	59	min	0	
4x1024	**Day schedule, Friday minute #5**		0	59	min	0	
4x1025	**Day schedule, Friday minute #6**		0	59	min	0	
4x1026	**Day schedule, Friday action #1**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1027	**Day schedule, Friday action #2**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1028	**Day schedule, Friday action #3**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1029	**Day schedule, Friday action #4**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1030	**Day schedule, Friday action #5**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1031	**Day schedule, Friday action #6**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1032	**Day schedule, Saturday hour #1**		0	23	h	0	
4x1033	**Day schedule, Saturday hour #2**		0	23	h	0	
4x1034	**Day schedule, Saturday hour #3**		0	23	h	0	
4x1035	**Day schedule, Saturday hour #4**		0	23	h	0	
4x1036	**Day schedule, Saturday hour #5**		0	23	h	0	
4x1037	**Day schedule, Saturday hour #6**		0	23	h	0	
4x1038	**Day schedule, Saturday minute #1**		0	59	min	0	
4x1039	**Day schedule, Saturday minute #2**		0	59	min	0	
4x1040	**Day schedule, Saturday minute #3**		0	59	min	0	
4x1041	**Day schedule, Saturday minute #4**		0	59	min	0	
4x1042	**Day schedule, Saturday minute #5**		0	59	min	0	
4x1043	**Day schedule, Saturday minute #6**		0	59	min	0	
4x1044	**Day schedule, Saturday action #1**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1045	**Day schedule, Saturday action #2**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1046	**Day schedule, Saturday action #3**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1047	**Day schedule, Saturday action #4**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1048	**Day schedule, Saturday action #5**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1049	**Day schedule, Saturday action #6**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1050	**Day schedule, Sunday hour #1**		0	23	h	0	
4x1051	**Day schedule, Sunday hour #2**		0	23	h	0	
4x1052	**Day schedule, Sunday hour #3**		0	23	h	0	
4x1053	**Day schedule, Sunday hour #4**		0	23	h	0	
4x1054	**Day schedule, Sunday hour #5**		0	23	h	0	
4x1055	**Day schedule, Sunday hour #6**		0	23	h	0	
4x1056	**Day schedule, Sunday minute #1**		0	59	min	0	
4x1057	**Day schedule, Sunday minute #2**		0	59	min	0	
4x1058	**Day schedule, Sunday minute #3**		0	59	min	0	
4x1059	**Day schedule, Sunday minute #4**		0	59	min	0	
4x1060	**Day schedule, Sunday minute #5**		0	59	min	0	
4x1061	**Day schedule, Sunday minute #6**		0	59	min	0	
4x1062	**Day schedule, Sunday action #1**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1063	**Day schedule, Sunday action #2**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1064	**Day schedule, Sunday action #3**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1065	**Day schedule, Sunday action #4**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1066	**Day schedule, Sunday action #5**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1067	**Day schedule, Sunday action #6**	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		0	1.11
4x1068	**Exception schedule 1, function**	0=Date setting valid (MaxStartDate = 34) 1=Date range setting valid (MaxStartDate = 34) 2=Weekday setting valid (MaxStartDate = 6) 3=Calendar-1 setting valid 4=Calendar-2 setting valid 5=Inactive	0	5		3	1.11
4x1069	**Exception schedule 1, start year**	0=Unspecified	2000	2099		2000	
4x1070	**Exception schedule 1, start month**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1071	**Exception schedule 1, start date**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1072	**Exception schedule 1, start week day**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1073	**Exception schedule 1, stop year**	0=Unspecified	2000	2099		2000	
4x1074	**Exception schedule 1, stop month**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1075	**Exception schedule 1, stop date**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1076	**Exception schedule 1, stop week day**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1077	**Exception schedule 1, priority**	Lowest value = highest priority (if both exception 1 and 2 are active, and both "EventPriority" is equal, exception-1 has highest priority)	1	16		0	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1078	**Exception schedule 2, function**	0=Date setting valid (MaxStartDate = 34) 1=Date range setting valid (MaxStartDate = 34) 2=Weekday setting valid (MaxStartDate = 6) 3=Calendar-1 setting valid 4=Calendar-2 setting valid 5=Inactive	0	5		4	1.16
4x1079	**Exception schedule 2, start year**	0=Unspecified	2000	2099		2000	
4x1080	**Exception schedule 2, start month**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1081	**Exception schedule 2, start date**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1082	**Exception schedule 2, start week day**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1083	**Exception schedule 2, stop year**	0=Unspecified	2000	2099		2000	
4x1084	**Exception schedule 2, stop month**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1085	**Exception schedule 2, stop date**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1086	**Exception schedule 2, stop week day**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1087	**Exception schedule 2, priority**	Lowest value = highest priority (if both exception 1 and 2 are active, and both "EventPriority" is equal, exception-1 has highest priority)	1	16		0	
4x1088	**Calendar 1, function #1**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1089	**Calendar 1, function #2**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1090	**Calendar 1, function #3**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1091	**Calendar 1, function #4**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1092	**Calendar 1, function #5**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1093	**Calendar 1, function #6**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1094	**Calendar 1, function #7**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1095	**Calendar 1, function #8**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1096	**Calendar 1, function #9**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1097	**Calendar 1, function #10**	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1098	**Calendar 1, Start year #1**	0=Unspecified	2000	2099		2000	
4x1099	**Calendar 1, Start year #2**	0=Unspecified	2000	2099		2000	
4x1100	**Calendar 1, Start year #3**	0=Unspecified	2000	2099		2000	
4x1101	**Calendar 1, Start year #4**	0=Unspecified	2000	2099		2000	
4x1102	**Calendar 1, Start year #5**	0=Unspecified	2000	2099		2000	
4x1103	**Calendar 1, Start year #6**	0=Unspecified	2000	2099		2000	
4x1104	**Calendar 1, Start year #7**	0=Unspecified	2000	2099		2000	
4x1105	**Calendar 1, Start year #8**	0=Unspecified	2000	2099		2000	
4x1106	**Calendar 1, Start year #9**	0=Unspecified	2000	2099		2000	
4x1107	**Calendar 1, Start year #10**	0=Unspecified	2000	2099		2000	
4x1108	**Calendar 1, Start month #1**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1109	**Calendar 1, Start month #2**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1110	**Calendar 1, Start month #3**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1111	**Calendar 1, Start month #4**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1112	**Calendar 1, Start month #5**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1113	**Calendar 1, Start month #6**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1114	**Calendar 1, Start month #7**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1115	**Calendar 1, Start month #8**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1116	**Calendar 1, Start month #9**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1117	**Calendar 1, Start month #10**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1118	**Calendar 1, Start date #1**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1119	**Calendar 1, Start date #2**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1120	**Calendar 1, Start date #3**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1121	**Calendar 1, Start date #4**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1122	**Calendar 1, Start date #5**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1123	**Calendar 1, Start date #6**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1124	**Calendar 1, Start date #7**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1125	**Calendar 1, Start date #8**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1126	**Calendar 1, Start date #9**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1127	**Calendar 1, Start date #10**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1128	**Calendar 1, Start week day #1**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1129	**Calendar 1, Start week day #2**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1130	**Calendar 1, Start week day #3**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1131	**Calendar 1, Start week day #4**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1132	**Calendar 1, Start week day #5**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1133	**Calendar 1, Start week day #6**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1134	**Calendar 1, Start week day #7**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1135	**Calendar 1, Start week day #8**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1136	**Calendar 1, Start week day #9**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1137	**Calendar 1, Start week day #10**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1138	**Calendar 1, Stop year #1**	0=Unspecified	2000	2099		2000	
4x1139	**Calendar 1, Stop year #2**	0=Unspecified	2000	2099		2000	
4x1140	**Calendar 1, Stop year #3**	0=Unspecified	2000	2099		2000	
4x1141	**Calendar 1, Stop year #4**	0=Unspecified	2000	2099		2000	
4x1142	**Calendar 1, Stop year #5**	0=Unspecified	2000	2099		2000	
4x1143	**Calendar 1, Stop year #6**	0=Unspecified	2000	2099		2000	
4x1144	**Calendar 1, Stop year #7**	0=Unspecified	2000	2099		2000	
4x1145	**Calendar 1, Stop year #8**	0=Unspecified	2000	2099		2000	
4x1146	**Calendar 1, Stop year #9**	0=Unspecified	2000	2099		2000	
4x1147	**Calendar 1, Stop year #10**	0=Unspecified	2000	2099		2000	
4x1148	**Calendar 1, Stop month #1**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1149	**Calendar 1, Stop month #2**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1150	**Calendar 1, Stop month #3**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1151	**Calendar 1, Stop month #4**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1152	**Calendar 1, Stop month #5**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1153	**Calendar 1, Stop month #6**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1154	**Calendar 1, Stop month #7**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1155	**Calendar 1, Stop month #8**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1156	**Calendar 1, Stop month #9**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1157	**Calendar 1, Stop month #10**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1158	**Calendar 1, Stop date #1**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1159	**Calendar 1, Stop date #2**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1160	**Calendar 1, Stop date #3**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1161	**Calendar 1, Stop date #4**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1162	**Calendar 1, Stop date #5**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1163	**Calendar 1, Stop date #6**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1164	**Calendar 1, Stop date #7**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1165	**Calendar 1, Stop date #8**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1166	**Calendar 1, Stop date #9**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1167	**Calendar 1, Stop date #10**	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1168	Calendar 1, Stop week day #1	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1169	Calendar 1, Stop week day #2	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1170	Calendar 1, Stop week day #3	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1171	Calendar 1, Stop week day #4	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1172	Calendar 1, Stop week day #5	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1173	Calendar 1, Stop week day #6	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1174	Calendar 1, Stop week day #7	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1175	Calendar 1, Stop week day #8	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1176	Calendar 1, Stop week day #9	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1177	Calendar 1, Stop week day #10	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1178	Calendar 2, function #1	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1179	Calendar 2, function #2	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1180	Calendar 2, function #3	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1181	Calendar 2, function #4	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1182	Calendar 2, function #5	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1183	Calendar 2, function #6	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1184	Calendar 2, function #7	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1185	Calendar 2, function #8	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1186	Calendar 2, function #9	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1187	Calendar 2, function #10	0=Date (MaxStartDate = 34) 1=Date range (MaxStartDate = 34) 2=Weekday (MaxStartDate = 6) 3=Inactive	0	3		3	1.11
4x1188	Calendar 2, Start year #1	0=Unspecified	2000	2099		2000	
4x1189	Calendar 2, Start year #2	0=Unspecified	2000	2099		2000	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1190	**Calendar 2, Start year #3**	0=Unspecified	2000	2099		2000	
4x1191	**Calendar 2, Start year #4**	0=Unspecified	2000	2099		2000	
4x1192	**Calendar 2, Start year #5**	0=Unspecified	2000	2099		2000	
4x1193	**Calendar 2, Start year #6**	0=Unspecified	2000	2099		2000	
4x1194	**Calendar 2, Start year #7**	0=Unspecified	2000	2099		2000	
4x1195	**Calendar 2, Start year #8**	0=Unspecified	2000	2099		2000	
4x1196	**Calendar 2, Start year #9**	0=Unspecified	2000	2099		2000	
4x1197	**Calendar 2, Start year #10**	0=Unspecified	2000	2099		2000	
4x1198	**Calendar 2, Start month #1**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1199	**Calendar 2, Start month #2**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1200	**Calendar 2, Start month #3**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1201	**Calendar 2, Start month #4**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1202	**Calendar 2, Start month #5**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1203	**Calendar 2, Start month #6**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1204	**Calendar 2, Start month #7**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1205	**Calendar 2, Start month #8**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1206	**Calendar 2, Start month #9**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1207	**Calendar 2, Start month #10**	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1208	**Calendar 2, Start date #1**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1209	**Calendar 2, Start date #2**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1210	**Calendar 2, Start date #3**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1211	**Calendar 2, Start date #4**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1212	**Calendar 2, Start date #5**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1213	**Calendar 2, Start date #6**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1214	**Calendar 2, Start date #7**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1215	**Calendar 2, Start date #8**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1216	**Calendar 2, Start date #9**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1217	**Calendar 2, Start date #10**	0=Unspecified ----------Max = 34---------- 32=Last day of month 33=odd days of month 34=even days of month ----------Max = 6---------- 1=days numbered 1..7 2=days numbered 8..14 3=days numbered 15..21 4=days numbered 22.28 5=days numbered 29..31 6=last 7 days of month	0	34		0	
4x1218	**Calendar 2, Start week day #1**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1219	**Calendar 2, Start week day #2**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1220	**Calendar 2, Start week day #3**	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1221	**Calendar 2, Start week day #4**	0=Unspecified, 1-7=Mon..Sun	0	7		0	

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1222	Calendar 2, Start week day #5	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1223	Calendar 2, Start week day #6	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1224	Calendar 2, Start week day #7	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1225	Calendar 2, Start week day #8	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1226	Calendar 2, Start week day #9	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1227	Calendar 2, Start week day #10	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1228	Calendar 2, Stop year #1	0=Unspecified	2000	2099		2000	
4x1229	Calendar 2, Stop year #2	0=Unspecified	2000	2099		2000	
4x1230	Calendar 2, Stop year #3	0=Unspecified	2000	2099		2000	
4x1231	Calendar 2, Stop year #4	0=Unspecified	2000	2099		2000	
4x1232	Calendar 2, Stop year #5	0=Unspecified	2000	2099		2000	
4x1233	Calendar 2, Stop year #6	0=Unspecified	2000	2099		2000	
4x1234	Calendar 2, Stop year #7	0=Unspecified	2000	2099		2000	
4x1235	Calendar 2, Stop year #8	0=Unspecified	2000	2099		2000	
4x1236	Calendar 2, Stop year #9	0=Unspecified	2000	2099		2000	
4x1237	Calendar 2, Stop year #10	0=Unspecified	2000	2099		2000	
4x1238	Calendar 2, Stop month #1	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1239	Calendar 2, Stop month #2	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1240	Calendar 2, Stop month #3	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1241	Calendar 2, Stop month #4	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1242	Calendar 2, Stop month #5	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1243	Calendar 2, Stop month #6	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1244	Calendar 2, Stop month #7	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1245	Calendar 2, Stop month #8	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1246	Calendar 2, Stop month #9	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1247	Calendar 2, Stop month #10	0=Unspecified, 1-12=Jan..Dec, 13=Odd months, 14=Even months	0	14		0	
4x1248	Calendar 2, Stop date #1	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1249	Calendar 2, Stop date #2	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1250	Calendar 2, Stop date #3	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1251	Calendar 2, Stop date #4	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1252	Calendar 2, Stop date #5	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1253	Calendar 2, Stop date #6	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1254	Calendar 2, Stop date #7	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1255	Calendar 2, Stop date #8	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1256	Calendar 2, Stop date #9	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1257	Calendar 2, Stop date #10	0=Unspecified, 1-31=Jan..Dec, 32=Last day, 33=Odd days, 34=Even days	0	34		0	
4x1258	Calendar 2, Stop week day #1	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1259	Calendar 2, Stop week day #2	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1260	Calendar 2, Stop week day #3	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1261	Calendar 2, Stop week day #4	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1262	Calendar 2, Stop week day #5	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1263	Calendar 2, Stop week day #6	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1264	Calendar 2, Stop week day #7	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1265	Calendar 2, Stop week day #8	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1266	Calendar 2, Stop week day #9	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1267	Calendar 2, Stop week day #10	0=Unspecified, 1-7=Mon..Sun	0	7		0	
4x1268	Prolonged low speed hours	Setting for prolonged external low speed operation.	0	23		0	1.13
4x1269	Prolonged low speed minutes	Setting for prolonged external low speed operation.	0	59		0	1.13
4x1270	Prolonged high speed hours	Setting for prolonged external high speed operation.	0	23		0	1.13
4x1271	Prolonged high speed minutes	Setting for prolonged external high speed operation.	0	59		0	1.13
4x1272	Exception schedule 1, Hour #1		0	23	h	0	1.13
4x1273	Exception schedule 1, Hour #2		0	23	h	0	1.13

Holding Registers. 16-bit integer value (R/W).

Modbus	Name	Description	Min	Max	Unit	Default	Misc
4x1274	Exception schedule 1, Hour #3		0	23	h	0	1.13
4x1275	Exception schedule 1, Hour #4		0	23	h	0	1.13
4x1276	Exception schedule 1, Hour #5		0	23	h	0	1.13
4x1277	Exception schedule 1, Hour #6		0	23	h	0	1.13
4x1278	Exception schedule 1, Minute #1		0	59	min	0	1.13
4x1279	Exception schedule 1, Minute #2		0	59	min	0	1.13
4x1280	Exception schedule 1, Minute #3		0	59	min	0	1.13
4x1281	Exception schedule 1, Minute #4		0	59	min	0	1.13
4x1282	Exception schedule 1, Minute #5		0	59	min	0	1.13
4x1283	Exception schedule 1, Minute #6		0	59	min	0	1.13
4x1284	Exception schedule 1, Action #1	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		1	1.13
4x1285	Exception schedule 1, Action #2	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		1	1.13
4x1286	Exception schedule 1, Action #3	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		1	1.13
4x1287	Exception schedule 1, Action #4	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		1	1.13
4x1288	Exception schedule 1, Action #5	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		1	1.13
4x1289	Exception schedule 1, Action #6	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		1	1.13
4x1290	Exception schedule 2, Hour #1		0	23	h	0	1.13
4x1291	Exception schedule 2, Hour #2		0	23	h	0	1.13
4x1292	Exception schedule 2, Hour #3		0	23	h	0	1.13
4x1293	Exception schedule 2, Hour #4		0	23	h	0	1.13
4x1294	Exception schedule 2, Hour #5		0	23	h	0	1.13
4x1295	Exception schedule 2, Hour #6		0	23	h	0	1.13
4x1296	Exception schedule 2, Minute #1		0	59	min	0	1.13
4x1297	Exception schedule 2, Minute #2		0	59	min	0	1.13
4x1298	Exception schedule 2, Minute #3		0	59	min	0	1.13
4x1299	Exception schedule 2, Minute #4		0	59	min	0	1.13
4x1300	Exception schedule 2, Minute #5		0	59	min	0	1.13
4x1301	Exception schedule 2, Minute #6		0	59	min	0	1.13
4x1302	Exception schedule 2, Action #1	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		4	1.13
4x1303	Exception schedule 2, Action #2	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		4	1.13
4x1304	Exception schedule 2, Action #3	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		4	1.13
4x1305	Exception schedule 2, Action #4	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		4	1.13
4x1306	Exception schedule 2, Action #5	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		4	1.13
4x1307	Exception schedule 2, Action #6	0=Inactive, 1=Total stop, 2=Low speed, 3=High speed, 4=Normal stop, 5=Extended normal stop, 6=Ignore.	0	6		4	1.13