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EDA Modbus points

Coils

Modbus	Name	Info	Type	Read	Write	Min/Max	Default
1x0000	STOP	Fans stopped, stop 1 / run 0	Coil	R	W	0 - 1	
1x0001	Away	Away function, on / off	Coil	R	W	0 - 1	
1x0002	Long away	Long away function, on / off	Coil	R	W	0 - 1	
1x0003	Overpressure	Over pressure, on / off	Coil	R	W	0 - 1	
1x0004	Cooker hood	Cooker hood, on / off	Coil	R	W	0 - 1	
1x0005	Central vacuum cleaner	Central vacuum cleaner, on / off	Coil	R	W	0 - 1	
1x0006	Max heating	Max heating function, on / off	Coil	R	W	0 - 1	
1x0007	Max cooling	Max cooling function, on / off	Coil	R	W	0 - 1	
1x0008	CO2 boost	CO2 boost, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0009	Humidity boost	Humidity boost, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0010	Manual boost	Manual boosting, on / off	Coil	R	W	0 - 1	
1x0011	Temperature boost	Temperature boost allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0012	Summernight cooling	Summernight cooling, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0013	Heating pump summer use	Heating circulation pump summer use, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0014	Heat recovery scaling	Heat recovery voltage scaling, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0015	If cooling is not allowed during summer night cooling	Blockage for active cooling during Summer night cooling, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0016	Fan type	Fan control type, EC 1 / AC 0	Coil	R	W	0 - 1	
1x0017	Humidity boost, fixed=1 autom=0	Humidity boost, with fixed limit 1 / automatic 0	Coil	R	W	0 - 1	
1x0018	After heating on/off in away function	Is after heating used in away function, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0019	Cooling on/off in away function	Is extra cooling used in away function, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0020	After heating on/off in long away function	Is after heating used in long away function, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0021	Cooling on/off in long away function	Is extra cooling used in long away function, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0022	DDC control	DDC control, manual control 1 / auto 0	Coil	R	W	0 - 1	
1x0023	Fan control	Fan control type, constant duct pressure 1 / speed control 0	Coil	R	W	0 - 1	
1x0024	Reserve		Coil				
1x0025	Reserve		Coil				
1x0026	Pressure switch	Electrical heater pressure switch data, pressure switch closed 1 / open 0	Coil	R		0 - 1	
1x0027	Cooling error data	Cooling error data, closed 1 / open 0	Coil	R		0 - 1	
1x0028	Cooling indication	Cooling indication, closed 1 / open 0	Coil	R		0 - 1	
1x0029	Heat recovery error	Heat recovery error data, closed 1 / open 0	Coil	R		0 - 1	
1x0030	Heat recovery indication	Heat recovery indication, closed 1 / open 0	Coil	R		0 - 1	
1x0031	Heating error	Heating error data, closed 1 / open 0	Coil	R		0 - 1	
1x0032	Heating indication	Heating indication, closed 1 / open 0	Coil	R		0 - 1	
1x0033	EH control	Electric heater control type of closing contact, fault idication 1 / run indication 0	Coil	R	W	0 - 1	
1x0034	External heating disable	External heating disabled control, closed 1 / open 0	Coil	R		0 - 1	
1x0035	External cooling disable	External cooling disabled control, closed 1 / open 0	Coil	R		0 - 1	
1x0036	AI Temperature decrease	Temperature decrease Active 1 / Inactive 0	Coil	R		0 - 1	
1x0037	DI extended time	DI extended time, closed 1 / open 0	Coil	R		0 - 1	
1x0038	ES circuit control	Emergency stop circuit type, active when closed (NO) 1 / active when open (NC) 0	Coil	R	W	0 - 1	
1x0039	Fire risk control	Fire risk circuit type, active when closed (NO) 1 / active when open (NC) 0	Coil	R	W	0 - 1	
1x0040	Reserve		Coil				
1x0041	Alarm A	A alarm data	Coil	R		0 - 1	
1x0042	Alarm B	B alarm data	Coil	R		0 - 1	
1x0043	Time program	Time program in use, active 1 / non active 0	Coil	R		0 - 1	
1x0044	Real time ventilation speed indication	Real time ventilation speed shown in display or not	Coil	R		0 - 1	
1x0045	Control step indication	Heating or cooling possible , heating possible 1 / cooling possible 0	Coil	R		0 - 1	
1x0046	External defrosting indication EDX	EDX outside unit in defrosting condition, defrosting 1 / not defrosting 0	Coil	R		0 - 1	
1x0047	Reserve		Coil				
1x0048	EH cooling	Electrical heater cooldown in Stop mode, in use 1 / not in use 0	Coil	R	W	0 - 1	
1x0049	Service reminder	Service reminder, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0050	Freeze risk indication	Freeze risk indication, freeze risk 1 / reset 0	Coil	R		0 - 1	
1x0051	Unit type	Unit type Pro 1 / Family 0	Coil	R	W	0 - 1	
1x0052	Cooling	Cooling allowed by unit, yes 1 / no 0	Coil	R	W	0 - 1	
1x0053	HR	Heat recovery intalled in unit (in use), yes 1 / no 0	Coil	R	W	0 - 1	
1x0054	Heating	Additional heating allowed by unit (additional heating installed), yes 1 / no 0	Coil	R	W	0 - 1	
1x0055	Defrosting of heat recovery	Defrosting function of heat recovery, allowed 1 / not allowed 0	Coil	R	W	0 - 1	
1x0056	OP1	Operating panel 1 in use for temperature measures	Coil	R	W	0 - 1	
1x0057	OP2	Operating panel 2 in use for temperature measures	Coil	R	W	0 - 1	
1x0058	OP3	Operating panel 3 in use for temperature measures	Coil	R	W	0 - 1	
1x0059	OP4	Operating panel 4 in use for temperature measures	Coil	R	W	0 - 1	
1x0060	OP5	Operating panel 5 in use for temperature measures	Coil	R	W	0 - 1	
1x0061	TEMP_TRANS_1	Temperature transmitter 1 in use for temperature measures	Coil	R	W	0 - 1	
1x0062	TEMP_TRANS_2	Temperature transmitter 2 in use for temperature measures	Coil	R	W	0 - 1	
1x0063	TEMP_TRANS_3	Temperature transmitter 3 in use for temperature measures	Coil	R	W	0 - 1	
1x0064	OVER_PRESSURE	Over pressure in use for quick functions	Coil	R	W	0 - 1	
1x0065	BOOSTING	Boosting in use for quick functions	Coil	R	W	0 - 1	
1x0066	AWAY	Away use for quick functions	Coil	R	W	0 - 1	
1x0067	LONG AWAY	Long away in use for quick functions	Coil	R	W	0 - 1	
1x0068	MAX HEAT / COOL	Max heating / cooling in use for quick functions	Coil	R	W	0 - 1	
1x0069	NIGHT COOL	Night cool in use for quick functions	Coil	R	W	0 - 1	
1x0070	FANSPEED	Fan speed selection available in main screen	Coil	R	W	0 - 1	
1x0071	TEMP SP	Temperature selection available in main screen	Coil	R	W	0 - 1	

NB! Coils are in 8-bits

NOTE! Negative numbers e.g -300 are 16-bit integer, so (2^16)+(wished value)=used number, -50 -> (2^16)+(-50)=65486

Holding registers

Modbus	Name	Info	Type	Read	Write	Min/Max	Default
3x0001	OP1 temperature	Display 1 temperature	Holding register	R		-40 - 50°C	
3x0002	OP2 temperature	Display 2 temperature	Holding register	R		-40 - 50°C	
3x0003	OP3 temperature	Display 3 temperature	Holding register	R		-40 - 50°C	
3x0004	OP4 temperature	Display 4 temperature	Holding register	R		-40 - 50°C	
3x0005	OP5 temperature	Display 5 temperature	Holding register	R		-40 - 50°C	
3x0006	Fresh air temperature X1	Fresh air temperature measurement. Register value = temperature measurement * 10!	Holding register	R		-40 - 50°C	
3x0007	Supply air temperature after heat recovery X2	Supply air temperature measurement after heat recovery. Register value = temperature measurement * 10!	Holding register	R		-40 - 50°C	
3x0008	Supply air temperature X3	Supply air temperature measurement. Register value = temperature measurement * 10!	Holding register	R		-40 - 50°C	
3x0009	Waste air temperature X4	Waste air temperature measurement. Register value = temperature measurement * 10!	Holding register	R		-40 - 50°C	
3x0010	Exhaust air temperature X5	Exhaust air temperature measurement. Register value = temperature measurement * 10!	Holding register	R		-40 - 50°C	
3x0011	Exhaust air temperature before heat recovery X8	Exhaust air temperature measurement before heat recovery. Register value = temperature measurement * 10!	Holding register	R		-40 - 50°C	
3x0012	Return water temperature X8	Return water temperature measurement. Register value = temperature measurement * 10!	Holding register	R		-40 - 50°C	
3x0013	Exhaust air humidity X5	Exhaust air humidity measurement	Holding register	R		0-100%	
3x0014	Supply air filter Pa	Pressure difference over supply air filter X6	Holding register	R			
3x0015	Exhaust air filter Pa	Pressure difference over exhaust air filter X6	Holding register	R			
3x0016	Heat recovery Pa	Pressure difference over heat recovery X6	Holding register	R			
3x0017	AI1	Measured Analog input 1 value	Holding register	R			
3x0018	AI2	Measured Analog input 2 value	Holding register	R			
3x0019	AI3	Measured Analog input 3 value	Holding register	R			
3x0020	AI4	Measured Analog input 4 value	Holding register	R			
3x0021	AI5	Measured Analog input 5 value	Holding register	R			
3x0022	AI6	Measured Analog input 6 value	Holding register	R			
3x0023	AI1 RES	Calculated Analog input 1 value	Holding register	R			
3x0024	AI1 RES	Calculated Analog input 2 value	Holding register	R			
3x0025	AI1 RES	Calculated Analog input 3 value	Holding register	R			
3x0026	AI1 RES	Calculated Analog input 4 value	Holding register	R			
3x0027	AI1 RES	Calculated Analog input 5 value	Holding register	R			
3x0028	AI1 RES	Calculated Analog input 6 value	Holding register	R			
3x0029	Heat recovery supply side %	Efficiency of heat recovery on supply side	Holding register	R		0-100%	
3x0030	Heat recovery exhaust side %	Efficiency of heat recovery on exhaust side	Holding register	R		0-100%	
3x0031	Heat recovery temperature difference supply side °C	Heat recovery temp. difference on supply side	Holding register	R		-40 - 50°C	
3x0032	Heat recovery temp difference exhaust side °C	Heat recovery temp. Difference on exhaust side	Holding register	R		-40 - 50°C	
3x0033	Supply air coil delta t °C	Supply air coil temperature difference	Holding register	R		-40 - 50°C	

3x0034	Exhaust fan temperature difference °C	Exhaust fan temperature difference	Holding register	R		-40 - 50˚C	
3x0035	48h Rh measurement	48h relative humidity level mean value	Holding register	R		0-100%	
3x0036	Absolute humidity	Absolute humidity of exhaust air, calculated	Holding register	R		0-100%	
3x0037	Sec clock	RTC circuit, clock seconds	Holding register	R		0 - 59	
3x0038	Min clock	RTC circuit, clock minutes	Holding register	R		0 - 59	
3x0039	Hour clock	RTC circuit, clock hours	Holding register	R		0 - 23	
3x0040	Day	RTC circuit, clock date	Holding register	R		1 - 31	
3x0041	Month	RTC circuit, clock month	Holding register	R		1 - 12	
3x0042	YEAR	RTC circuit, clock year. Year = 2000 + register value	Holding register	R			
3x0043	Weekday	Weekday, Mon=1, Tue=2, ... Sun=0	Holding register	R		0 - 6	
3x0044	State data	Here you can see in which condition the unit is, 0=Normal condition, 1=Max cooling, 2=Max heating, 4=emergency stop, 8=stop, 16=away, 32=long away, 46=temperature boosting, 128=CO2 boosting, 256=Rh boosting, 512=Boosting, 1024=over pressure, 2048=Cooker hood, 4096=Central vacuum cleaner, 8192=ELH cooling, 16384=Summernight cooling, 32768=EDX defrosting. If 2 or more states are active the register value is the sum of these states. LSB	Holding register	R		0 - 32768	
3x0045	Control steps of temperature	Here you can see the condition of temperature control. 0=nothing used, 1=cooling, 2=heat recovery, 4=heating, 5=step delay state, 6=Summer night cooling, 7=Startup, 8=Stop, 9=HR clean, 10=EXT unit defrost	Holding register	R			
3x0046	Room temperature mean value	Room temperature calculated from one or more room sensors	Holding register	R			
3x0047	Cascade SP	Set value of cascade control	Holding register	R			
3x0048	Cascade P	P-value of cascade control	Holding register	R			
3x0049	Cascade I	I-value of cascade control	Holding register	R			
3x0050	Actual ventilation level	Value of ventilation level affected by external control	Holding register	R			
3x0051	SUPPLY fan basic speed	Fan speed difference setting, Supply fan value, if AC = 1-8 (register 1x0016=0), DC = 20-100 (register 1x0016=1)	Holding register	R	W	1-8 / 20-100	
3x0052	EXHAUST fan basic speed	Fan speed difference setting, Exhaust fan value, if AC = 1-8 (register 1x0016=0), DC = 20-100 (register 1x0016=1)	Holding register	R	W	1-8 / 20-100	
3x0053	Ventilation level selected from user panel	Fan speed selection, if AC = 1-8 register 1x0016=0), DC = 20-100 (register 1x0016=1)	Holding register	R	W	1-8 / 20-100	
3x0054	Supply fan overpressure	Supply fan speed during overpressure	Holding register	R	W	1-8 / 20-100	
3x0055	Exhaust fan overpressure	Exhaust fan speed during overpressure	Holding register	R	W	1-8 / 20-100	
3x0056	Overpressure time left	Remaining time for overpressure state	Holding register	R			
3x0057	Overpressure time	Overpressure expected time / delay (min)	Holding register	R	W	0 - 60	10
3x0058	Supply Cooker hood	SUPPLY fan speed, cooker hood in use	Holding register	R	W	1-8 / 20-100	
3x0059	Exhaust Cooker hood	EXHAUST fan speed, cooker hood in use	Holding register	R	W	1-8 / 20-100	
3x0060	Supply Central vacuum cleaner	SUPPLY fan speed, central vacuum cleaner in use	Holding register	R	W	1-8 / 20-100	
3x0061	Exhaust Central vacuum cleaner	EXHAUST fan speed, central vacuum cleaner in use	Holding register	R	W	1-8 / 20-100	
3x0062	Supply CH CVC, OVP,CVC, OVP, CH	SUPPLY fan speed, central vacuum cl. and cooker hood or overpressure and central VC or overpressure and cooker hood in use	Holding register	R	W	1-8 / 20-100	
3x0063	Exhaust CH CVC, OVP CVC, OVP CH	EXHAUST fan speed, central vacuum cl. and cooker hood or overpressure and central VC or overpressure and cooker hood in use	Holding register	R	W	1-8 / 20-100	
3x0064	Supply OVP, CVC, CH in use	SUPPLY fan speed overpressure and central VC and cooker hood in use	Holding register	R	W	1-8 / 20-100	
3x0065	Exhaust OVP, CVC, CH in use	EXHAUST fan speed overpressure and central VC and cooker hood in use	Holding register	R	W	1-8 / 20-100	
3x0066	Manual boosting time	Manual boosting time / delay (min)	Holding register	R	W	0 - 60	30
3x0067	Level during boosting	Ventilation level during boosting (smaller if there is a difference between fans)	Holding register	R	W	1-8 / 20-100	
3x0068	Changeable Boosting ventilation speed	When Boosting is active, you can change ventilation speed from control panel to a higher level trough this register	Holding register	R			
3x0069	RH boosting limit fixed	Fixed relative humidity boosting, switching limit value (%)	Holding register	R	W	0 - 100	40
3x0070	RH boosting limit automatic	Automatic relative humidity boosting switching limit value (%)	Holding register	R	W	0 - 100	60
3x0071	RH boosting P value	Relative humidity boosting, controller proportional band (%)	Holding register	R	W	0 - 100	20
3x0072	RH boosting Reset time	Relative humidity, controller reset time (min)	Holding register	R	W		2
3x0073	RH boosting Integration time	Relative humidity, controller integration time (min)	Holding register	R	W		1
3x0074	RH boosting max ventilation	Max ventilation level during relative humidity boosting	Holding register	R	W	1-8 / 20-100	8 / 100
3x0075	RH boosting Dz	Relative humidity boosting, controller dead zone (%)	Holding register	R	W	0 - 100	3
3x0076	CO2 boosting limit	CO2 boosting, switching limit value (ppm)	Holding register	R	W		1000
3x0077	CO2 boosting max ventilation	max ventilation level during CO2 boosting	Holding register	R	W	1-8 / 20-100	8 / 100
3x0078	CO2 boosting P value	CO2 boosting controller proportional band (ppm)	Holding register	R	W		200
3x0079	CO2 boosting Reset time	CO2 boosting controller reset time (min)	Holding register	R	W		2
3x0080	CO2 boosting Integration time	CO2 boosting controller integration time (min)	Holding register	R	W		1
3x0081	CO2 boosting Dz	CO2 boosting controller deadzone (ppm)	Holding register	R	W		50
3x0082	Temperature boosting, measuring sensor	Temperature boosting, measuring sensor, 1=control panel 1, 2=control panel 2, 3=control panel 3, 4=control panel 4, 5=control panel 5, 6=temperature transmitter 1, 7=temperature transmitter 2, 8=temperature transmitter 3, 9=temp. transmitter of exhaust air	Holding register	R	W	1 - 9	9
3x0083	Temperature boosting,max ventilation	Max ventilation level of temperature boosting	Holding register	R	W	1-8 / 20-100	8 / 100
3x0084	Temperature boosting, P value	Temperature boosting, controller proportional band (˚C) (50=5.0)	Holding register	R	W		50
3x0085	Temperature boosting, Reset time	Temperature boosting, controller reset time (min)	Holding register	R	W		2
3x0086	Temperature boosting, Integration time	Temperature boosting, controller integration time (min)	Holding register	R	W		1
3x0087	Temperature boosting, Dz	Temperature boosting, controller dead zone (˚C) (5=0.5)	Holding register	R	W		5
3x0088	Temperature restriction, P value	Temperature restriction, proportional band (˚C)	Holding register	R	W		50
3x0089	Temperature restriction, Reset time	Temperature restriction, antiwindup reset time (min)	Holding register	R	W		2
3x0090	Temperature restriction, Integration time	Temperature restriction integration time (min)	Holding register	R	W		1
3x0091	Temperature restriction, Dz	Temperature restriction deadzone (˚C)	Holding register	R	W		5
3x0092	SNC ventilation level	Summernight cooling level of ventilation	Holding register	R	W	1-8 / 20-100	6 / 80
3x0093	SNC outside temperature	Summernight cooling min. outside temperature below which SNC doesn´t switch on (˚C)	Holding register	R	W		
3x0094	SNC start	SNC on temperature, if room or exhaust air temperature is above this value the function will switch on (˚C)	Holding register	R	W		
3x0095	SNC stop	SNC stop temperature,if room or exhaust air temperature falls below this value the function will switch off (˚C)	Holding register	R	W		
3x0096	SNC diff	SNC cooling difference, difference between outside temp or room/exhaust temp must be above this value so that function is on (˚C)	Holding register	R	W		
3x0097	SNC week	SNC cooling, weekdays when function is on sun=1 mon=2, tue=4, wed=8, thu=16, fri=32, sat=64 and combinations are summed up	Holding register	R	W		
3x0098	SNC hour start	SNC cooling switched on, hours	Holding register	R	W	0 - 23	
3x0099	SNC hour stop	SNC cooling stopped, hours	Holding register	R	W	0 - 23	
3x0100	Ventilation level during away-function	Ventilation level during away-function	Holding register	R	W	1-8 / 20-100	
3x0101	Away temperature drop	Away function, drop of requested temperature (˚C)	Holding register	R	W		
3x0102	Ventilation level of long away-function	Ventilation level under long away -function	Holding register	R	W	1-8 / 20-100	
3x0103	Long away, temperature drop	Long away function, drop of requested temperature (˚C)	Holding register	R	W		
3x0104	AI1 TYPE	AI 1 input type, 0=NA, 1=CO2_1, 2=CO2_2, 3=CO2_3, 4=RH_1, 5=RH_2, 6=RH_3, 7=OUT_TERM, 8=ROOM_TERM_1, 9=ROOM_TERM_2, 10=ROOM_TERM_3, 11=TEMP_SP, 12=Time relay, 13=External heating disable, 14=External cooling disable, 15=PDE10, 16=PDE30	Holding register	R	W	0 - 16	4
3x0105	AI2 TYPE	AI 2 input type, 0=NA, 1=CO2_1, 2=CO2_2, 3=CO2_3, 4=RH_1, 5=RH_2, 6=RH_3, 7=OUT_TERM, 8=ROOM_TERM_1, 9=ROOM_TERM_2, 10=ROOM_TERM_3, 11=TEMP_SP, 12=Time relay, 13=External heating disable, 14=External cooling disable, 15=PDE10, 16=PDE30	Holding register	R	W	0 - 16	5
3x0106	AI3 TYPE	AI 3 input type, 0=NA, 1=CO2_1, 2=CO2_2, 3=CO2_3, 4=RH_1, 5=RH_2, 6=RH_3, 7=OUT_TERM, 8=ROOM_TERM_1, 9=ROOM_TERM_2, 10=ROOM_TERM_3, 11=TEMP_SP, 12=Time relay, 13=External heating disable, 14=External cooling disable, 15=PDE10, 16=PDE30	Holding register	R	W	0 - 16	0
3x0107	AI4 TYPE	AI 4 input type, 0=NA, 1=CO2_1, 2=CO2_2, 3=CO2_3, 4=RH_1, 5=RH_2, 6=RH_3, 7=OUT_TERM, 8=ROOM_TERM_1, 9=ROOM_TERM_2, 10=ROOM_TERM_3, 11=TEMP_SP, 12=Time relay, 13=External heating disable, 14=External cooling disable, 15=PDE10, 16=PDE30	Holding register	R	W	0 - 16	0
3x0108	AI5 TYPE	AI 5 input type, 0=NA, 1=CO2_1, 2=CO2_2, 3=CO2_3, 4=RH_1, 5=RH_2, 6=RH_3, 7=OUT_TERM, 8=ROOM_TERM_1, 9=ROOM_TERM_2, 10=ROOM_TERM_3, 11=TEMP_SP, 12=Time relay, 13=External heating disable, 14=External cooling disable, 15=PDE10, 16=PDE30	Holding register	R	W	0 - 16	1
3x0109	AI6 TYPE	AI 6 input type, 0=NA, 1=CO2_1, 2=CO2_2, 3=CO2_3, 4=RH_1, 5=RH_2, 6=RH_3, 7=OUT_TERM, 8=ROOM_TERM_1, 9=ROOM_TERM_2, 10=ROOM_TERM_3, 11=TEMP_SP, 12=Time relay, 13=External heating disable, 14=External cooling disable, 15=PDE10, 16=PDE30	Holding register	R	W	0 - 16	2
3x0110	AI1 VL	AI 1 voltage lower limit, 100 = 10.0V	Holding register	R	W	0 - 100	0
3x0111	AI2 VL	AI 2 voltage lower limit, 100 = 10.0V	Holding register	R	W	0 - 100	0
3x0112	AI3 VL	AI 3 voltage lower limit, 100 = 10.0V	Holding register	R	W	0 - 100	0
3x0113	AI4 VL	AI 4 voltage lower limit, 100 = 10.0V	Holding register	R	W	0 - 100	0
3x0114	AI5 VL	AI 5 voltage lower limit, 100 = 10.0V	Holding register	R	W	0 - 100	0
3x0115	AI6 VL	AI 6 voltage lower limit, 100 = 10.0V	Holding register	R	W	0 - 100	0
3x0116	AI1 VH	AI 1 voltage upper limit, 100 = 10.0V	Holding register	R	W	0 - 100	100
3x0117	AI2 VH	AI 2 voltage upper limit, 100 = 10.0V	Holding register	R	W	0 - 100	100
3x0118	AI3 VH	AI 3 voltage upper limit, 100 = 10.0V	Holding register	R	W	0 - 100	100
3x0119	AI4 VH	AI 4 voltage upper limit, 100 = 10.0V	Holding register	R	W	0 - 100	100
3x0120	AI5 VH	AI 5 voltage upper limit, 100 = 10.0V	Holding register	R	W	0 - 100	100
3x0121	AI6 VH	AI 6 voltage upper limit, 100 = 10.0V	Holding register	R	W	0 - 100	100
3x0122	AI1 RL	AI 1 result lower limit	Holding register	R	W	-5000 - 5000	0
3x0123	AI2 RL	AI 2 result lower limit	Holding register	R	W	-5000 - 5000	0
3x0124	AI3 RL	AI 3 result lower limit	Holding register	R	W	-5000 - 5000	0
3x0125	AI4 RL	AI 4 result lower limit	Holding register	R	W	-5000 - 5000	0
3x0126	AI5 RL	AI 5 result lower limit	Holding register	R	W	-5000 - 5000	0
3x0127	AI6 RL	AI 6 result lower limit	Holding register	R	W	-5000 - 5000	0
3x0128	AI1 RH	AI 1 result upper limit	Holding register	R	W	-5000 - 5000	100
3x0129	AI2 RH	AI 2 result upper limit	Holding register	R	W	-5000 - 5000	100
3x0130	AI3 RH	AI 3 result upper limit	Holding register	R	W	-5000 - 5000	0
3x0131	AI4 RH	AI 4 result upper limit	Holding register	R	W	-5000 - 5000	0
3x0132	AI5 RH	AI 5 result upper limit	Holding register	R	W	-5000 - 5000	2000
3x0133	AI6 RH	AI 6 result upper limit	Holding register	R	W	-5000 - 5000	2000
3x0134	CAS R t	Reset time for cascade controller (min)	Holding register	R	W		4

3x0135	Temperature setpoint	temperature request for controlling form in question. Register value = setting * 10!	Holding register	R	W	-10 - 50	21
3x0136	Temperature control mode	The way to control the temperature of ventilation unit, 1=Supply control, 2=Exhaust control, 3=Room control	Holding register	R	W	1 - 3	
3x0137	Reserve		Holding register				
3x0138	SPLY T MIN	Supply air temperature control minimum limit (˚C) (50=5.0)	Holding register	R	W		
3x0139	SPLY T MAX	Supply air temperature control maximum limit (˚C) (50=5.0)	Holding register	R	W		
3x0140	SP MIN	Min value of requested temperature set from display	Holding register	R	W		
3x0141	SP MAX	Max value of requested temperature set from display	Holding register	R	W		
3x0142	SupplyC P value	Supply air temperature controller propotional band (˚C) (50=5.0)	Holding register	R	W		
3x0143	SupplyC Reset time	Supply air temperature controller reset time	Holding register	R	W		
3x0144	SupplyC Integration time	Supply air temperature controller integration time (min)	Holding register	R	W		
3x0145	SupplyC Dz	Supply air temperature controller dead zone (˚C) (50=5.0)	Holding register	R	W		
3x0146	STEP DELAY	Delay between control steps (sec)	Holding register	R	W		
3x0147	Cool P value	Cooling step proportional band (˚C) (50=5.0)	Holding register	R	W		
3x0148	Cool Integration time	Cooling step integration time (sec)	Holding register	R	W		
3x0149	HR P value	HR step proportional band (˚C) (50=5.0)	Holding register	R	W		
3x0150	HR Integration time	HR step integration time (sec)	Holding register	R	W		
3x0151	Heat P value	Heat step proportional band (˚C) (50=5.0)	Holding register	R	W		
3x0152	Heat Integration time	Heat step integration time (sec)	Holding register	R	W		
3x0153	HP DELAY	Heat pump min run time (min)	Holding register	R	W		
3x0154	COOL TYPE	Selection of cooling type, 0=No cooling, 1=CW, 2=HP, 3=CG, 4=CX, 5=CX_INV, 6=X2CX, 7=CXBIN, 8=Cooler	Holding register	R	W	0 - 8	
3x0155	COOL QRY1 SET	Cooling request 1 on (%)	Holding register	R	W	0 - 100	
3x0156	COOL QRY1 RESET	Cooling request 1 off (%), always smaller than 3x0155	Holding register	R	W	0 - 100	
3x0157	COOL QRY2 SET	Cooling request 2 on (%)	Holding register	R	W	0 - 100	
3x0158	COOL QRY2 RESET	Cooling request 2 off (%), always smaller than 3x0157	Holding register	R	W	0 - 100	
3x0159	COOL QRY3 SET	Cooling request 3 on (%)	Holding register	R	W	0 - 100	
3x0160	COOL QRY3 RESET	Cooling request 3 off (%), always smaller than 3x0159	Holding register	R	W	0 - 100	
3x0161	COOL RSTART DEL	Restart delay for cooling step 1 (min)	Holding register	R	W		
3x0162	relay limit 162 // Not in use		Holding register				
3x0163	COOL RSTART DEL3 // Not in use		Holding register				
3x0164	COOL BLOCK T	Block limit of cooling, cooling blocked when outside temperature is below this value (˚C) (50=5.0)	Holding register	R	W		
3x0165	LTO25	voltage value of heat recovery voltage scaling for 25% point (V) (100=10V)	Holding register	R	W	0 - 100	
3x0166	LTO50	heat recovery, voltage value of voltage scaling for 50% point (V) (100=10V)	Holding register	R	W	0 - 100	
3x0167	LTO75	heat recovery, voltage value of voltage scaling for 75% point (V) (100=10V)	Holding register	R	W	0 - 100	
3x0168	LTO FREEZE	heat recovery de-frost, pressure switch defrosting limit (Pa)	Holding register	R	W		
3x0169	LTO FREEZE DEL	heat recovery de-frost, delay setting (min)	Holding register	R	W		
3x0170	LTO FREEZE T	heat recovery de-frost temperature (˚C) (50=5.0)	Holding register	R	W		
3x0171	HEAT TYPE	Selection of heating type, 0=No heater, 1=WBU, 2=HP, 3=EH, 4=EH PWM	Holding register	R	W	0 - 4	
3x0172	TEMP DEC	Temperature drop, 0= not in use. Selection with a year timer/week timer or DI input (˚C) (50=5.0)	Holding register	R	W		
3x0173	WBU FOREC	Returnwater anticipation safety temerature in water heated units (˚C) (50=5.0)	Holding register	R	W		120
3x0174	T WR SP	Returnwater temperature setpoint in Stop mode (˚C) (50=5.0)	Holding register	R	W		190
3x0175	T WR P	Returnwater control proportional band in stop mode (˚C) (50=5.0)	Holding register	R	W		15
3x0176	START T 0	Controls at 0 if outside temperature exceeds this temperature during startup (˚C) (50=5.0)	Holding register	R	W		180
3x0177	START T 1	HR at max if outside air exceeds this temperature during startup (˚C) (50=5.0)	Holding register	R	W		50
3x0178	START T 2	Heat at max if outside air exceeds this temperature during startup (˚C) (50=5.0)	Holding register	R	W		65486
3x0179	REWA START	Returnwater setpoint during startup (˚C) (50=5.0)	Holding register	R	W		20
3x0180	EXT DEL	Exhaust fan startup delay, time after damper delay (sec)	Holding register	R	W		
3x0181	EXT START	Exhaust fan speed during startup	Holding register	R	W		
3x0182	SPLY START	Supply fan speed during startup	Holding register	R	W		
3x0183	PELTI DEL	Damper delay (sec)	Holding register	R	W		
3x0184	START T	Startup delay (sec)	Holding register	R	W		
3x0185	DI3 TYPE	Digital input 3 function, 0=No function, 1=Away, 2=Long away, 3=Overpressure, 4=Cooker hood, 5=Central vacuum cleaner, 6=Max heating, 7=Max cooling, 10=Boosting, 26=EH PDA, 27=Cooling error, 28=Cooling run indication, 29=HR error, 30=HR run indicaion, 34=External heating disable, 35=External cooling disable, 36=AI temperature drop, 37=Time extension, 45=EXT defrost	Holding register	R	W		
3x0186	DI4 TYPE	Digital input 4 function, 0=No function, 1=Away, 2=Long away, 3=Overpressure, 4=Cooker hood, 5=Central vacuum cleaner, 6=Max heating, 7=Max cooling, 10=Boosting, 26=EH PDA, 27=Cooling error, 28=Cooling run indication, 29=HR error, 30=HR run indicaion, 34=External heating disable, 35=External cooling disable, 36=AI temperature drop, 37=Time extension, 45=EXT defrost	Holding register	R	W		
3x0187	DI5 TYPE	Digital input 5 function, 0=No function, 1=Away, 2=Long away, 3=Overpressure, 4=Cooker hood, 5=Central vacuum cleaner, 6=Max heating, 7=Max cooling, 10=Boosting, 26=EH PDA, 27=Cooling error, 28=Cooling run indication, 29=HR error, 30=HR run indicaion, 34=External heating disable, 35=External cooling disable, 36=AI temperature drop, 37=Time extension, 45=EXT defrost	Holding register	R	W		
3x0188	DI6 TYPE	Digital input 6 function, 0=No function, 1=Away, 2=Long away, 3=Overpressure, 4=Cooker hood, 5=Central vacuum cleaner, 6=Max heating, 7=Max cooling, 10=Boosting, 26=EH PDA, 27=Cooling error, 28=Cooling run indication, 29=HR error, 30=HR run indicaion, 34=External heating disable, 35=External cooling disable, 36=AI temperature drop, 37=Time extension, 45=EXT defrost	Holding register	R	W		
3x0189	DI7 TYPE	Digital input 7 function, 0=No function, 1=Away, 2=Long away, 3=Overpressure, 4=Cooker hood, 5=Central vacuum cleaner, 6=Max heating, 7=Max cooling, 10=Boosting, 26=EH PDA, 27=Cooling error, 28=Cooling run indication, 29=HR error, 30=HR run indicaion, 34=External heating disable, 35=External cooling disable, 36=AI temperature drop, 37=Time extension, 45=EXT defrost	Holding register	R	W		
3x0190	DI8 TYPE	Digital input 8 function, 0=No function, 1=Away, 2=Long away, 3=Overpressure, 4=Cooker hood, 5=Central vacuum cleaner, 6=Max heating, 7=Max cooling, 10=Boosting, 26=EH PDA, 27=Cooling error, 28=Cooling run indication, 29=HR error, 30=HR run indicaion, 34=External heating disable, 35=External cooling disable, 36=AI temperature drop, 37=Time extension, 45=EXT defrost	Holding register	R	W		
3x0191	DI9 TYPE	Digital input 3 function, 0=No function, 1=Away, 2=Long away, 3=Overpressure, 4=Cooker hood, 5=Central vacuum cleaner, 6=Max heating, 7=Max cooling, 10=Boosting, 26=EH PDA, 27=Cooling error, 28=Cooling run indication, 29=HR error, 30=HR run indicaion, 34=External heating disable, 35=External cooling disable, 36=AI temperature drop, 37=Time extension, 45=EXT defrost	Holding register	R	W		
3x0192	DO2 TYPE	Digital output 2 function, 0=No function, 1=CO2 sensor 1 comparing, 2=CO2 sensor 2 comparing, 3=CO2 sensor 3 comparing, 4=RH sensor 1 comparing, 5=RH sensor 2 comparing, 6=RH sensor 3 comparing, 7=External temp ensor comparing, 8=Room temp 1 comparing, 9=Room temp 2 comparing, 10=Room temp 3 comparing, 11=Temp setpoint, 12=Time relay, 13=External heating disable, 14=External cooling disable	Holding register	R	W		
3x0193	DO3 TYPE	Digital output 3 function, 0=No function, 1=CO2 sensor 1 comparing, 2=CO2 sensor 2 comparing, 3=CO2 sensor 3 comparing, 4=RH sensor 1 comparing, 5=RH sensor 2 comparing, 6=RH sensor 3 comparing, 7=External temp ensor comparing, 8=Room temp 1 comparing, 9=Room temp 2 comparing, 10=Room temp 3 comparing, 11=Temp setpoint, 12=Time relay, 13=External heating disable, 14=External cooling disable	Holding register	R	W		
3x0194	DO4 TYPE	Digital output 4 function, 0=No function, 1=CO2 sensor 1 comparing, 2=CO2 sensor 2 comparing, 3=CO2 sensor 3 comparing, 4=RH sensor 1 comparing, 5=RH sensor 2 comparing, 6=RH sensor 3 comparing, 7=External temp ensor comparing, 8=Room temp 1 comparing, 9=Room temp 2 comparing, 10=Room temp 3 comparing, 11=Temp setpoint, 12=Time relay, 13=External heating disable, 14=External cooling disable	Holding register	R	W		
3x0195	DO5 TYPE	Digital output 5 function, 0=No function, 1=CO2 sensor 1 comparing, 2=CO2 sensor 2 comparing, 3=CO2 sensor 3 comparing, 4=RH sensor 1 comparing, 5=RH sensor 2 comparing, 6=RH sensor 3 comparing, 7=External temp ensor comparing, 8=Room temp 1 comparing, 9=Room temp 2 comparing, 10=Room temp 3 comparing, 11=Temp setpoint, 12=Time relay, 13=External heating disable, 14=External cooling disable	Holding register	R	W		
3x0196	HEAT BLOCK T	Block limit of heating, heating blocked when outside temperature is above this value (˚C) (50=5.0)	Holding register	R	W		250
3x0197	AI COMP DO OFF	(100%) OFF humidity where relay inactive	Holding register				
3x0198	REL DEL	Heat pump units HP & EDX delay for fan speed steps, if AC (register 1x0016=0) delay is the time between each relay step, if DC (register 1x0016=1) delay is the time between each % (sec)	Holding register	R	W		AC 8 / DC 1
3x0199	USE METHOD	Unit use, 1=Home, 2=Office, 3=DDC1, 4=DDC2, 5=DDC3	Holding register	R	W		
3x0200	CHGE //		Holding register				
3x0201	FAN DATA0C // Programmatic		Holding register				
3x0202	FAN DATA1C // Programmatic		Holding register				
3x0203	FAN DATA2C // Programmatic		Holding register				
3x0204	DATA3C // Programmatic		Holding register				
3x0205	DATA4C // Programmatic		Holding register				
3x0206	DATA5C // Programmatic		Holding register				
3x0207	DATA6C // Programmatic		Holding register				
3x0208	DATA7C // Programmatic		Holding register				
3x0209	QUICKC // Programmatic		Holding register				
3x0210	Week timer program 1/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method, for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are	Holding register	R	W	0 - 127	0
3x0211	Week timer program 1/20 starting time hours	Week timer 1 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0212	Week timer program 1/20 starting time minutes	Week timer 1 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0213	Week timer program 1/20 stopping time hours	Week timer 1 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0214	Week timer program 1/20 stopping time minutes	Week timer 1 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0215	Week timer program 1/20 Function	Week timer 1 time program function, 0=No selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0216	Week timer program 2/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method, for example. Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are	Holding register	R	W	0 - 127	0

3x0217	Week timer program 2/20 starting time hours	Week timer 2 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0218	Week timer program 2/20 starting time minutes	Week timer 2 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0219	Week timer program 2/20 stopping time hours	Week timer 2 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0220	Week timer program 2/20 stopping time minutes	Week timer 2 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0221	Week timer program 2/20 Function	Week timer 2 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0222	Week timer program 3/20 Days when running	Day order Sun - Sat. Register value= LeastSignificantBit method, for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 1	Holding register	R	W	0 - 127	0
3x0223	Week timer program 3/20 starting time hours	Week timer 3 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0224	Week timer program 3/20 starting time minutes	Week timer 3 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0225	Week timer program 3/20 stopping time hours	Week timer 3 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0226	Week timer program 3/20 stopping time minutes	Week timer 3 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0227	Week timer program 3/20 Function	Week timer 3 time program function, 0=no selection, 1=away function, 2= long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0228	Week timer program 4/20 Days when running	Day order Sun - Sat. Register value= LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 12	Holding register	R	W	0 - 127	0
3x0229	Week timer program 4/20 starting time hours	Week timer 4 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0230	Week timer program 4/20 starting time minutes	Week timer 4 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0231	Week timer program 4/20 stopping time hours	Week timer 4 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0232	Week timer program 4/20 stopping time minutes	Week timer 4 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0233	Week timer program 4/20 Function	Week timer 4 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0234	Week timer program 5/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 1	Holding register	R	W	0 - 127	0
3x0235	Week timer program 5/20 starting time hours	Week timer 5 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0236	Week timer program 5/20 starting time minutes	Week timer 5 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0237	Week timer program 5/20 stopping time hours	Week timer 5 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0238	Week timer program 5/20 stopping time minutes	Week timer 5 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0239	Week timer program 5/20 Function	Week timer 5 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0240	Week timer program 6/20 Days when running	Day order Sun - Sat. Register value= LeastSignificantBit method for example Sun is1 = 1000000, Tue is 4 = 0010000 and all days are 12	Holding register	R	W	0 - 127	0
3x0241	Week timer program 6/20 starting time hours	Week timer 6 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0242	Week timer program 6/20 starting time minutes	Week timer 6 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0243	Week timer program 6/20 stopping time hours	Week timer 6 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0244	Week timer program 6/20 stopping time minutes	Week timer 6 time program,stopping time, minutes	Holding register	R	W	0 - 59	0
3x0245	Week timer program 6/20 Function	Week timer 6 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0246	Week timer program 7/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 1	Holding register	R	W	0 - 127	0
3x0247	Week timer program 7/20 starting time hours	Week timer 7 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0248	Week timer program 7/20 starting time minutes	Week timer 7 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0249	Week timer program 7/20 stopping time hours	Week timer 7 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0250	Week timer program 7/20 stopping time minutes	Week timer 7 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0251	Week timer program 7/20 Function	Week timer 7 time program function, 0=no selection, 1= away function, 2= lonbg away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0252	Week timer program 8/20 Days when running	Day order of days Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all da	Holding register	R	W	0 - 127	0
3x0253	Week timer program 8/20 starting time hours	Week timer 8 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0254	Week timer program 8/20 starting time minutes	Week timer 8 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0255	Week timer program 8/20 stopping time hours	Week timer 8 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0256	Week timer program 8/20 stopping time minutes	Week timer 8 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0257	Week timer program 8/20 Function	Week timer 8 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0258	Week timer program 9/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 1	Holding register	R	W	0 - 127	0
3x0259	Week timer program 9/20 starting time hours	Week timer 9 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0260	Week timer program 9/20 starting time minutes	Week timer 9 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0261	Week timer program 9/20 stopping time hours	Week timer 9 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0262	Week timer program 9/20 stopping time minutes	Week timer 9 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0263	Week timer program 9/20 Function	Week timer 9 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0264	Week timer program 10/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 1	Holding register	R	W	0 - 127	0
3x0265	Week timer program 10/20 starting time hours	Week timer 10 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0266	Week timer program 10/20 starting time minutes	Week timer 10 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0267	Week timer program 10/20 stopping time hours	Week timer 10 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0268	Week timer program 10/20 stopping time minutes	Week timer 10 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0269	Week timer program 10/20 Function	Week timer 10 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0270	Week timer program 11/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 1	Holding register	R	W	0 - 127	0
3x0271	Week timer program 11/20 starting time hours	Week timer 11 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0272	Week timer program 11/20 starting time minutes	Week timer 11 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0273	Week timer program 11/20 stopping time, hours	Week timer 11 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0274	Week timer program 11/20 stopping time minutes	Week timer 11 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0275	Week timer program 11/20 Function	Week timer 11 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0276	Week timer program 12/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 1	Holding register	R	W	0 - 127	0
3x0277	Week timer program 12/20 starting time, hours	Week timer 12 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0278	Week timer program 12/20 starting time, minutes	Week timer 12 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0279	Week timer program 12/20 stopping time, hours	Week timer 12 time program, stooping time, hours	Holding register	R	W	0 - 23	0
3x0280	Week timer program 12/20 stopping time, minutes	Week timer 12 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0281	Week timer program 12/20 Function	Week timer 12 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0282	Week timer program 13/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are12	Holding register	R	W	0 - 127	0
3x0283	Week timer program 13/20 starting time hours	Week timer 13 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0284	Week timer program 13/20 starting time minutes	Week timer 13 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0285	Week timer program 13/20 stopping time hours	Week timer 13 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0286	Week timer program 13/20 stopping time minutes	Week timer 13 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0287	Week timer program 13/20 Function	Week timer 13 time program function, 0=no selection, 1=away function, 2=long away function, 3=Heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0288	Week timer program 14/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example. Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are	Holding register	R	W	0 - 127	0
3x0289	Week timer program 14/20 starting time, hours	Week timer 14 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0290	Week timer program 14/20 starting time, minutes	Week timer 14 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0291	Week timer program 14/20 stopping time, hours	Week timer 14 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0292	Week timer program 14/20 stopping time, minutes	Week timer 14 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0293	Week timer program 14/20 Function	Week timer 14 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0294	Week timer program 15/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 1	Holding register	R	W	0 - 127	0
3x0295	Week timer program 15/20 Starting time, hours	Week timer 15 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0296	Week timer program 15/20 Starting time, minutes	Week timer 15 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0297	Week timer program 15/20 Stopping time, hours	Week timer 15 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0298	Week timer program 15/20 Stopping time, minutes	Week timer 15 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0299	Week timer program 15/20 Function	Week timer 15 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0300	Week timer program 16/20 Days when running	Day order Sun - Sat. Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 1	Holding register	R	W	0 - 127	0
3x0301	Week timer program 16/20 Starting time, hours	Week timer 16 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0302	Week timer program 16/20 Starting time, minutes	Week timer 16 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0303	Week timer program 16/20 Stopping time, hours	Week timer 16 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0304	Week timer program 16/20 Stopping time, minutes	Week timer 16 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0305	Week timer program 16/20 Function	Week timer 16 time program function, 0=no selection, 1=away function, 2=long away function, 3= heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0

3x0306	Week timer program 17/20 Days when running	Day order Sun - Sat Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 12	Holding register	R	W	0 - 127	0
3x0307	Week timer program 17/20 starting time hours	Week timer 17 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0308	Week timer program 17/20 starting time minutes	Week timer 17 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0309	Week timer program 17/20 stopping time hours	Week timer 17 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0310	Week timer program 17/20 stopping time minutes	Week timer 17 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0311	Week timer program 17/20 Function	Week timer 17 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4= cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0312	Week timer program 18/20 Days when running	Day order Sun - Sat Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 12	Holding register	R	W	0 - 127	0
3x0313	Week timer program 18/20 starting time hours	Week timer 18 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0314	Week timer program 18/20 starting time minutes	Week timer 18 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0315	Week timer program 18/20 stopping time hours	Week timer 18 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0316	Week timer program 18/20 stopping time minutes	Week timer 18 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0317	Week timer program 18/20 Function	Week timer 18 time program function, 0=no selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature block, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0318	Week timer program 19/20 Days when running	Day order Sun - Sat Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 12	Holding register	R	W	0 - 127	0
3x0319	Week timer program 19/20 starting time hours	Week timer 19 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0320	Week timer program 19/20 starting time minutes	Week timer 19 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0321	Week timer program 19/20 stopping time hours	Week timer 19 time programm, stopping time, hours	Holding register	R	W	0 - 23	0
3x0322	Week timer program 19/20 stopping time minutes	Week timer 19 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0323	Week timer program 19/20 Function	Week timer 19 time program function, 0=no selection, 1=away function, 2=long away function, 3= heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0324	Week timer program 20/20 Days when running	Day order Sun - Sat Register value = LeastSignificantBit method for example Sun is 1 = 1000000, Tue is 4 = 0010000 and all days are 12	Holding register	R	W	0 - 127	0
3x0325	Week timer program 20/20 starting time hours	Week timer 20 time program, starting time, hours	Holding register	R	W	0 - 23	0
3x0326	Week timer program 20/20 starting time minutes	Week timer 20 time program, starting time, minutes	Holding register	R	W	0 - 59	0
3x0327	Week timer program 20/20 stopping time hours	Week timer 20 time program, stopping time, hours	Holding register	R	W	0 - 23	0
3x0328	Week timer program 20/20 stopping time minutes	Week timer 20 time program, stopping time, minutes	Holding register	R	W	0 - 59	0
3x0329	Week timer program 20/20 Function	Week timer 20 time program function, 0=no selection, 1=away function, 2=long away function, 3= heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0330	Year timer program 1/5 Starts day	Year timer 1 start date	Holding register	R	W	31	0
3x0331	Year timer program 1/5 Starts month	Year timer 1 start month	Holding register	R	W	12	0
3x0332	Year timer program 1/5 Starts year	Year timer 1 start year, Year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0333	Year timer program 1/5 Starts hours	Year timer 1 start hours	Holding register	R	W	0 - 23	0
3x0334	Year timer program 1/5 Starts minutes	Year timer 1 start minutes	Holding register	R	W	0 - 59	0
3x0335	Year timer program 1/5 stops day	Year timer 1 stop date	Holding register	R	W	31	0
3x0336	Year timer program 1/5 stops month	Year timer 1 stop month	Holding register	R	W	12	0
3x0337	Year timer program 1/5 stops year	Year timer 1 stop year, Year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0338	Year timer program 1/5 stops hours	Year timer 1 stop hours	Holding register	R	W	0 - 23	0
3x0339	Year timer program 1/5 stops minutes	Year timer 1 stop minutes	Holding register	R	W	0 - 59	0
3x0340	Year timer program 1/5 Function	Year timer time program function, 0=No selection, 1=away function, 2=long away function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0341	Year timer program 2/5 Starts day	Year timer 2 start date	Holding register	R	W	31	0
3x0342	Year timer program 2/5 Starts month	Year timer 2 start month	Holding register	R	W	12	0
3x0343	Year timer program 2/5 Starts year	Year timer 2 start yeari, Year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0344	Year timer program 2/5 Starts hours	Year timer 2 start hours	Holding register	R	W	0 - 23	0
3x0345	Year timer program 2/5 Starts minutes	Year timer 2 start minutes	Holding register	R	W	0 - 59	0
3x0346	Year timer program 2/5 Stops day	Year timer 2 stop date	Holding register	R	W	31	0
3x0347	Year timer program 2/5 Stops month	Year timer 2 stop month	Holding register	R	W	12	0
3x0348	Year timer program 2/5 Stops year	Year timer 2 stop year, Year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0349	Year timer program 2/5 Stops hours	Year timer 2 stop hours	Holding register	R	W	0 - 23	0
3x0350	Year timer program 2/5 Stops minutes	Year timer 2 stop minutes	Holding register	R	W	0 - 59	0
3x0351	Year timer program 2/5 Function	Year timer time program function, 0=no selection, 1=away function, 2=long away poissa function, 3=heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0352	Year timer program 3/5 Starts day	Year timer 3 start date	Holding register	R	W	31	0
3x0353	Year timer program 3/5 Starts month	Year timer 3 start month	Holding register	R	W	12	0
3x0354	Year timer program 3/5 Starts year	Year timer 3 start year, Year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0355	Year timer program 3/5 Starts hours	Year timer 3 start hours	Holding register	R	W	0 - 23	0
3x0356	Year timer program 3/5 Starts minutes	Year timer 3 start minutes	Holding register	R	W	0 - 59	0
3x0357	Year timer program 3/5 Stops day	Year timer 3 stop date	Holding register	R	W	31	0
3x0358	Year timer program 3/5 Stops month	Year timer 3 stop month	Holding register	R	W	12	0
3x0359	Year timer program 3/5 Stops year	Year timer 3 stop year, Year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0360	Year timer program 3/5 Stops hours	Year timer 3 stop hours	Holding register	R	W	0 - 23	0
3x0361	Year timer program 3/5 Stops minutes	Year timer 3 stop minutes	Holding register	R	W	0 - 59	0
3x0362	Year timer program 3/5 Function	Year timer time program function, 0=no selection, 1=away function, 2=long away function, 3= Heating blocked, 4=cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0363	Year timer program 4/5 Starts day	Year timer 4 start date	Holding register	R	W	31	0
3x0364	Year timer program 4/5 Starts month	Year timer 4 start month	Holding register	R	W	12	0
3x0365	Year timer program 4/5 Starts year	Year timer 4 start year, year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0366	Year timer program 4/5 Starts hours	Year timer 4 start hours	Holding register	R	W	0 - 23	0
3x0367	Year timer program 4/5 Starts minutes	Year timer 4 start minutes	Holding register	R	W	0 - 59	0
3x0368	Year timer program 4/5 Stops day	Year timer 4 stop date	Holding register	R	W	31	0
3x0369	Year timer program 4/5 Stops month	Year timer 4 stop month	Holding register	R	W	12	0
3x0370	Year timer program 4/5 Stops year	Year timer 4 stop year, year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0371	Year timer program 4/5 Stops hours	Year timer 4 stop hours	Holding register	R	W	0 - 23	0
3x0372	Year timer program 4/5 Stops minutes	Year timer 4 stop minutes	Holding register	R	W	0 - 59	0
3x0373	Year timer program 4/5 Function	Year timer time program function, 0=no selection, 1=away function, 2=long away function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature block 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0374	Year timer program 5/5 Starts day	Year timer 5 start date	Holding register	R	W	31	0
3x0375	Year timer program 5/5 Starts month	Year timer 5 start month	Holding register	R	W	12	0
3x0376	Year timer program 5/5 Starts year	Year timer 5 start year, year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0377	Year timer program 5/5 Starts hours	Year timer 5 start hours	Holding register	R	W	0 - 23	0
3x0378	Year timer program 5/5 Starts minutes	Year timer 5 start minutes	Holding register	R	W	0 - 59	0
3x0379	Year timer program 5/5 Stops day	Year timer 5 stop date	Holding register	R	W	31	0
3x0380	Year timer program 5/5 Stops month	Year timer 5 stop month	Holding register	R	W	12	0
3x0381	Year timer program 5/5 Stops year	Year timer 5 stop year, year = Register value + 2000	Holding register	R	W	6 - 100	0
3x0382	Year timer program 5/5 Stops hours	Year timer 5 stop hours	Holding register	R	W	0 - 23	0
3x0383	Year timer program 5/5 Stops minutes	Year timer 5 stop minutes	Holding register	R	W	0 - 59	0
3x0384	Year timer program 5/5 Function	Year timer time program function, 0=no selection, 1=away function, 2=long away function, 3=Heating blocked, 4=Cooling blocked, 5=temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	0
3x0385	ALARM1 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0386	ALARM1 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0387	ALARM1 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0388	ALARM1 MM	Alarm time month	Holding register	R			
3x0389	ALARM1 DD	Alarm time day	Holding register	R			
3x0390	ALARM1 HH	Alarm time hour	Holding register	R			
3x0391	ALARM1 MI	Alarm time minutes	Holding register	R			
3x0392	ALARM2 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0393	ALARM2 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0394	ALARM2 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0395	ALARM2 MM	Alarm time month	Holding register	R			
3x0396	ALARM2 DD	Alarm time day	Holding register	R			
3x0397	ALARM2 HH	Alarm time hour	Holding register	R			
3x0398	ALARM2 MI	Alarm time minutes	Holding register	R			

3x0399	ALARM3 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0400	ALARM3 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0401	ALARM3 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0402	ALARM3 MM	Alarm time month	Holding register	R			
3x0403	ALARM3 DD	Alarm time day	Holding register	R			
3x0404	ALARM3 HH	Alarm time hour	Holding register	R			
3x0405	ALARM3 MI	Alarm time minutes	Holding register	R			
3x0406	ALARM4 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0407	ALARM4 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0408	ALARM4 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0409	ALARM4 MM	Alarm time month	Holding register	R			
3x0410	ALARM4 DD	Alarm time day	Holding register	R			
3x0411	ALARM4 HH	Alarm time hour	Holding register	R			
3x0412	ALARM4 MI	Alarm time minutes	Holding register	R			
3x0413	ALARM5 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0414	ALARM5 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0415	ALARM5 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0416	ALARM5 MM	Alarm time month	Holding register	R			
3x0417	ALARM5 DD	Alarm time day	Holding register	R			
3x0418	ALARM5 HH	Alarm time hour	Holding register	R			
3x0419	ALARM5 MI	Alarm time minutes	Holding register	R			
3x0420	ALARM6 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0421	ALARM6 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0422	ALARM6 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0423	ALARM6 MM	Alarm time month	Holding register	R			
3x0424	ALARM6 DD	Alarm time day	Holding register	R			
3x0425	ALARM6 HH	Alarm time hour	Holding register	R			
3x0426	ALARM6 MI	Alarm time minutes	Holding register	R			
3x0427	ALARM7 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0428	ALARM7 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0429	ALARM7 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0430	ALARM7 MM	Alarm time month	Holding register	R			
3x0431	ALARM7 DD	Alarm time day	Holding register	R			
3x0432	ALARM7 HH	Alarm time hour	Holding register	R			
3x0433	ALARM7 MI	Alarm time minutes	Holding register	R			
3x0434	ALARM8 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0435	ALARM8 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0436	ALARM8 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0437	ALARM8 MM	Alarm time month	Holding register	R			
3x0438	ALARM8 DD	Alarm time day	Holding register	R			
3x0439	ALARM8 HH	Alarm time hour	Holding register	R			
3x0440	ALARM8 MI	Alarm time minutes	Holding register	R			
3x0441	ALARM9 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0442	ALARM9 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0443	ALARM9 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0444	ALARM9 MM	Alarm time month	Holding register	R			
3x0445	ALARM9 DD	Alarm time day	Holding register	R			
3x0446	ALARM9 HH	Alarm time hour	Holding register	R			
3x0447	ALARM9 MI	Alarm time minutes	Holding register	R			
3x0448	ALARM10 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0449	ALARM10 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0450	ALARM10 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0451	ALARM10 MM	Alarm time month	Holding register	R			
3x0452	ALARM10 DD	Alarm time day	Holding register	R			
3x0453	ALARM10 HH	Alarm time hour	Holding register	R			
3x0454	ALARM10 MI	Alarm time minutes	Holding register	R			
3x0455	ALARM11 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0456	ALARM11 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0457	ALARM11 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0458	ALARM11 MM	Alarm time month	Holding register	R			
3x0459	ALARM11 DD	Alarm time day	Holding register	R			
3x0460	ALARM11 HH	Alarm time hour	Holding register	R			
3x0461	ALARM11 MI	Alarm time minutes	Holding register	R			
3x0462	ALARM12 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0463	ALARM12 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0464	ALARM12 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0465	ALARM12 MM	Alarm time month	Holding register	R			
3x0466	ALARM12 DD	Alarm time day	Holding register	R			
3x0467	ALARM12 HH	Alarm time hour	Holding register	R			
3x0468	ALARM12 MI	Alarm time minutes	Holding register	R			
3x0469	ALARM13 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0470	ALARM13 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0471	ALARM13 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0472	ALARM13 MM	Alarm time month	Holding register	R			
3x0473	ALARM13 DD	Alarm time day	Holding register	R			
3x0474	ALARM13 HH	Alarm time hour	Holding register	R			
3x0475	ALARM13 MI	Alarm time minutes	Holding register	R			
3x0476	ALARM14 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0477	ALARM14 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0478	ALARM14 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0479	ALARM14 MM	Alarm time month	Holding register	R			
3x0480	ALARM14 DD	Alarm time day	Holding register	R			

3x0481	ALARM14 HH	Alarm time hour	Holding register	R			
3x0482	ALARM14 MI	Alarm time minutes	Holding register	R			
3x0483	ALARM15 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0484	ALARM15 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0485	ALARM15 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0486	ALARM15 MM	Alarm time month	Holding register	R			
3x0487	ALARM15 DD	Alarm time day	Holding register	R			
3x0488	ALARM15 HH	Alarm time hour	Holding register	R			
3x0489	ALARM15 MI	Alarm time minutes	Holding register	R			
3x0490	ALARM16 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0491	ALARM16 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0492	ALARM16 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0493	ALARM16 MM	Alarm time month	Holding register	R			
3x0494	ALARM16 DD	Alarm time day	Holding register	R			
3x0495	ALARM16 HH	Alarm time hour	Holding register	R			
3x0496	ALARM16 MI	Alarm time minutes	Holding register	R			
3x0497	ALARM17 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0498	ALARM17 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0499	ALARM17 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0500	ALARM17 MM	Alarm time month	Holding register	R			
3x0501	ALARM17 DD	Alarm time day	Holding register	R			
3x0502	ALARM17 HH	Alarm time hour	Holding register	R			
3x0503	ALARM17 MI	Alarm time minutes	Holding register	R			
3x0504	ALARM18 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0505	ALARM18 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0506	ALARM18 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0507	ALARM18 MM	Alarm time month	Holding register	R			
3x0508	ALARM18 DD	Alarm time day	Holding register	R			
3x0509	ALARM18 HH	Alarm time hour	Holding register	R			
3x0510	ALARM18 MI	Alarm time minutes	Holding register	R			
3x0511	ALARM19 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0512	ALARM19 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0513	ALARM19 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0514	ALARM19 MM	Alarm time month	Holding register	R			
3x0515	ALARM19 DD	Alarm time day	Holding register	R			
3x0516	ALARM19 HH	Alarm time hour	Holding register	R			
3x0517	ALARM19 MI	Alarm time minutes	Holding register	R			
3x0518	ALARM20 NO	Alarm number, 1=TE5 Supply air after HR cold, 2=TE10 Supply air after heater cold, 3=TE10 Supply air after heater hot, 4=TE20 Room temp hot, 5=TE30 Extract air cold, 6=TE30 Extract air hot, 7=HP error, 8=EH error, 9=Return water cold, 10=HR error, 11=Cooling error, 12=Emergency stop, 13=Fire risk, 14=Service reminder, 15=EH PDA, 16=Supply filter dirty, 17=Extract filter dirty, 20=Supply fan pressure error, 21=Extract fan pressure error	Holding register	R			
3x0519	ALARM20 TYPE	Alarm state, 0=OFF, 1=RESET, 2=ON	Holding register	R			
3x0520	ALARM20 YY	Alarm time year, Year = register value + 2000	Holding register	R			
3x0521	ALARM20 MM	Alarm time month	Holding register	R			
3x0522	ALARM20 DD	Alarm time day	Holding register	R			
3x0523	ALARM20 HH	Alarm time hour	Holding register	R			
3x0524	ALARM20 MI	Alarm time minutes	Holding register	R			
3x0525	ALARM TE5 L	Alarm delay supply air after HR cold (sec)	Holding register	R	W		600
3x0526	ALARM TE10 L	Alarm delay supply air after heater cold (sec)	Holding register	R	W		600
3x0527	ALARM TE10 H	Alarm delay supply air after heater hot (sec)	Holding register	R	W		2
3x0528	ALARM TE20 H	Alarm delay room air hot (sec)	Holding register	R	W		2
3x0529	ALARM TE30 L	Alarm delay extract air cold (sec)	Holding register	R	W		600
3x0530	ALARM TE30 H	Alarm delay extract air hot (sec)	Holding register	R	W		2
3x0531	ALARM HP	Alarm delay HP compressor error (sec)	Holding register	R	W		2
3x0532	ALARM SLP	Alarm delay electrical heater overheated (sec)	Holding register	R	W		2
3x0533	ALARM TE45 L	Alarm delay water heater return water freeze risk (sec)	Holding register	R	W		0
3x0534	ALARM LTO	Alarm delay HR error (sec)	Holding register	R	W		2
3x0535	ALARM COOL	Alarm delay cool error (sec)	Holding register	R	W		2
3x0536	ALARM EMERGENCY	Alarm delay external emergency stop (sec)	Holding register	R	W		0
3x0537	ALARM FIRE	Alarm delay fire risk (sec)	Holding register	R	W		0
3x0538	ALARM SERVICE	Alarm delay service reminder (vrk)	Holding register	R	W		180
3x0539	ALARM PDS10	Alarm delay PDS10 electrical heater guard (sec)	Holding register	R	W		2
3x0540	ALARM SPLY FILT H	Alarm delay supply filter pressure guard (sec)	Holding register	R	W		600
3x0541	ALARM EXT FILT H	Alarm delay extract filter pressure guard (sec)	Holding register	R	W		600
3x0542	ALARM SPLY FILT L // Not in use		Holding register				
3x0543	ALARM EXT FILT L // Notin use		Holding register				
3x0544	ALARM TF PA	Alarm delay constant duct pressure deviation alarm supply (sec)	Holding register	R	W		
3x0545	ALARM PF PA	Alarm delay constant duct pressure deviation alarm extract (sec)	Holding register	R	W		
3x0546	Reserve		Holding register				
3x0547	Reserve		Holding register				
3x0548	Reserve		Holding register				
3x0549	Reserve		Holding register				
3x0550	Reserve		Holding register				
3x0551	ALARM TE5 L	Alarm limit supply air after HR cold (˚C) (50=5.0)	Holding register	R	W		50
3x0552	ALARM TE10 L	Alarm limit supply air after heater cold (˚C) (50=5.0)	Holding register	R	W		50
3x0553	ALARM TE10 H	Alarm limit supply air after heater hot (˚C) (50=5.0)	Holding register	R	W		550
3x0554	ALARM TE20 H	Alarm limit room air hot (˚C) (50=5.0)	Holding register	R	W		550
3x0555	ALARM TE30 L	Alarm limit extract air cold (˚C) (50=5.0)	Holding register	R	W		150
3x0556	ALARM TE30 H	Alarm limit extract air hot (˚C) (50=5.0)	Holding register	R	W		550
3x0557	ALARM HP // Ei käytössä	Alarm limit HP compressor error	Holding register	R	W		
3x0558	ALARM SLP // Ei käytössä	Alarm limit electrical heater overheated	Holding register	R	W		
3x0559	ALARM TE45 L	Alarm limit water heater return water freeze risk (˚C) (50=5.0)	Holding register	R	W		80
3x0560	ALARM LTO // Not in use		Holding register				
3x0561	ALARM COOL // Not in use		Holding register				
3x0562	ALARM EMERGENCY // Not in use		Holding register				
3x0563	ALARM FIRE // Not in use		Holding register				
3x0564	ALARM SERVICE // Not in use		Holding register				
3x0565	ALARM PDS10 // Not in use		Holding register				
3x0566	ALARM SPLY FILT H	Alarm limit supply filter pressure guard	Holding register	R	W		
3x0567	ALARM EXT FILT H	Alarm limit extract filter pressure guard	Holding register	R	W		
3x0568	ALARM SPLY FILT L // Not in use		Holding register				
3x0569	ALARM EXT FILT L // Not in use		Holding register				
3x0570	Reserve		Holding register				
3x0571	Reserve		Holding register				
3x0572	ALARM TE10 L A	Supply air after heater A alarm limit from RESET mode NB! Has to be same as #552	Holding register	R	W		
3x0573	Reserve		Holding register				
3x0574	Reserve		Holding register				
3x0575	Reserve		Holding register				
3x0576	Reserve		Holding register				
3x0577	ALARM HYSTER	Hysteresis for alarms (˚C) (50=5.0)	Holding register	R	W		
3x0578	B ALARM START	Time when B alarms can give an external indication, start time ex 9 (hours)	Holding register	R	W		
3x0579	B ALARM STOP	Time when B alarms can give an external indication, stop time ex 16 (hours)	Holding register	R	W		

3x0580	B ALARM WEEK	Weekdays when B alarms can give an external indication, Register value = 65408 + days chosen sun=1 mon=2, tue=4, wed=8, thu=16, fri=32, sat=64 and combinations sum up	Holding register	R	W		
3x0581	N O ALARMS	Number of alarms	Holding register	R			
3x0582	C MIN RTC	Time setting that updates RTC circuit (min)	Holding register	R	W	0 - 59	
3x0583	C HOUR RTC	Time setting that updates RTC circuit (tunnit)	Holding register	R	W	0 - 23	
3x0584	C DAY RTC	Day setting that updates RTC circuit	Holding register	R	W	1 - 31	
3x0585	C MONTH RTC	Month setting that updates RTC circuit	Holding register	R	W	1 - 12	
3x0586	C YEAR RTC	Year setting that updates RTC circuit, Year = register value + 2000	Holding register	R	W		
3x0587	C WEEK RTC	Weekday, Mon = 1, Tue = 2, ... Sun = 0, caluculates itself	Holding register	R			
3x0588	Reserve		Holding register				
3x0589	Reserve		Holding register				
3x0590	Reserve		Holding register				
3x0591	REAL SP	Real setpoint on main display if for example Temperature drop is active (˚C) (50=5.0)	Holding register	R			
3x0592	GAIN HumEXT	Extract air humidity factor Fixed!	Holding register	R			
3x0593	GAIN T EXT	Extract air temperature factor *0.001 Fixed!	Holding register	R			
3x0594	SLP PWM CYCLE	Electrical heater PWM cycle length (sec)	Holding register	R	W		
3x0595	FREE DO	Number of free DO:s	Holding register	R			
3x0596	PRO SIZE	PRO units unit size (register 1x0051=1), (register 3x0597=2,3,4 tai 5) 0=10, 1=20, 2=25, 3=35, 4=50, 5=70, 6=90, 7=120, 8=150, 9=180, (register 3x0597=0 tai 1) 0=12, 1=20, 2=25	Holding register	R	W		
3x0597	FAMILY TYPE	Unit type Family (register 1x0051=0), 0=Pingvin, 1=Pandion, 2=Pelican, 3=Pegasos, 4=Pegasos XL, 5=LTR-3, 6=LTR-6, 7=LTR-7, 8=LTR-7 XL // PRO (register 1x0051=1), 0=RS, 1=RSC, 2=LTR, 3=LTC, 4=LTT, 5=LTP	Holding register	R	W		
3x0598	SN	Serial number given during testing at factory	Holding register	R			
3x0599	SW	Programme version Fixed!	Holding register	R			
3x0600	SPLY Dz	Supply air controller dead zone (˚C) (50=5.0)	Holding register	R	W		5
3x0601	VPK Integration time	Retrun water controller integration time in Stop mode (sec)	Holding register	R	W		5
3x0602	VPK Reset time	Retrun water controller reset time in Stop mode (sec)	Holding register	R	W		10
3x0603	VPK Dz	Retrun water controller dead zone in Stop mode (˚C) (50=5.0)	Holding register	R	W		2
3x0604	VPK DELAY	Return water pump is always running when, outside air temp drops below +10 ºC or when supply air controller is at 100% or more. When control drops below 100% or to HR stage the return water pump has got a delay so that it is running although the valve is fully closed.	Holding register	R	W		
3x0605	AO3 LOW	Cooling stage AO output voltage limitation, lowest voltage (%) 0-100% = 0-10VDC	Holding register	R	W		0
3x0606	AO3 HIGH	Cooling stage AO output voltage limitation, highest voltage (%) 0-100% = 0-10VDC	Holding register	R	W		100
3x0607	AO5 LOW	Heating stage AO output voltage limitation, lowest voltage (%) 0-100% = 0-10VDC	Holding register	R	W		0
3x0608	AO5 HIGH	Heating stage AO output voltage limitation, highest voltage (%) 0-100% = 0-10VDC	Holding register	R	W		100
3x0609	DO2 ON	Digital output 2 limitvalue for on switching if for ex. register 3x0192=4	Holding register	R	W		
3x0610	DO2 OFF	Digital output 2 limitvalue for off switching if for ex. register 3x0192=4	Holding register	R	W		
3x0611	DO3 ON	Digital output 3 limitvalue for on switching if for ex. register 3x0192=4	Holding register	R	W		
3x0612	DO3 OFF	Digital output 3 limitvalue for off switching if for ex. register 3x0192=4	Holding register	R	W		
3x0613	DO4 ON	Digital output 4 limitvalue for on switching if for ex. register 3x0192=4	Holding register	R	W		
3x0614	DO4 OFF	Digital output 4 limitvalue for off switching if for ex. register 3x0192=4	Holding register	R	W		
3x0615	DO5 ON	Digital output 5 limitvalue for on switching if for ex. register 3x0192=4	Holding register	R	W		
3x0616	DO5 OFF	Digital output 5 limitvalue for off switching if for ex. register 3x0192=4	Holding register	R	W		
3x0617	Pres SPLYF VL	Supply filter pressure switch, low voltage level (V) (100=10.0VDC)	Holding register	R	W	0 - 100	
3x0618	Pres SPLYF VH	Supply filter pressure switch, high voltage level (V) (100=10.0VDC)	Holding register	R	W	0 - 100	
3x0619	Pres SPLYF RL	Supply filter pressure switch, corresponding measurement of low voltage level (Pa)	Holding register	R	W		
3x0620	Pres SPLYF RH	Supply filter pressure switch, corresponding measurement of high voltage level (Pa)	Holding register	R	W		
3x0621	Pres EXTF VL	Exhaust filter pressure switch, low voltage level (V) (100=10.0VDC)	Holding register	R	W	0 - 100	
3x0622	Pres EXTF VH	Exhaust filter pressure switch, high voltage level (V) (100=10.0VDC)	Holding register	R	W	0 - 100	
3x0623	Pres EXTF RL	Exhaust filter pressure switch, corresponding measurement of low voltage level Poistos (Pa)	Holding register	R	W		
3x0624	Pres EXTF RH	Exhaust filter pressure switch, corresponding measurement of high voltage level Poistos (Pa)	Holding register	R	W		
3x0625	Pres LTO VL	heat recovery pressure switch, low voltage level (V) (100=10.0VDC)	Holding register	R	W	0 - 100	
3x0626	Pres LTO VH	heat recovery pressure switch, high voltage level (V) (100=10.0VDC)	Holding register	R	W	0 - 100	
3x0627	Pres LTO RL	heat recovery pressure switch, corresponding measurement of low voltage (Pa)	Holding register	R	W		
3x0628	Pres LTO RH	heat recovery pressure switch, corresponding measurement of high voltage (Pa)	Holding register	R	W		
3x0629	Pres SPLYF RES	Supply filter calculated result pressure (Pa)	Holding register	R			
3x0630	Pres EXTF RES	Exhaust filter calculated result pressure (Pa)	Holding register	R			
3x0631	Pres LTO RES	Heat recovery calculated result pressure (Pa)	Holding register	R			
3x0632	PA ALARM	constant duct pressure control, deviation pressure which causes an alarm (Pa)	Holding register	R	W		
3x0633	VKP SPLY MAX	constant duct pressure control supply side max pressure (Pa)	Holding register	R	W		
3x0634	VKP EXT MAX	constant duct pressure control exhaust side max pressure (Pa)	Holding register	R	W		
3x0635	VKP SPLY MIN	constant duct pressure control supply side min pressure (Pa)	Holding register	R	W		
3x0636	VKP EXT MIN	constant duct pressure control exhaust side min pressure (Pa)	Holding register	R	W		
3x0637	VKP SPLY RES	constant duct pressure control supply side calculated pressure (Pa)	Holding register	R			
3x0638	VKP EXT RES	constant duct pressure control exhaust side calculated pressure (Pa)	Holding register	R			
3x0639	EXT HP	EDX, HP units with outdoor pump unit, In use 1 / Not in use 0	Holding register	R	W	0 - 1	
3x0640	Modbus addr.	Unit´s ModBus address	Holding register	R	W	1 - 10	1
3x0641	PRO Out temp max restriction of capacity	PRO unit (register 1x0051=1) outside temp, when unit is allowed to run on max capacity (˚C) (50=5.0)	Holding register	R	W		65526
3x0642	PRO Out temp min restriction of capacity	PRO unit (register 1x0051=1) outside temp, when unit is restricted to run on min capacity (˚C) (50=5.0)	Holding register	R	W		65521
3x0643	LTO FORCE T	Heat recovery, winter forced control temperature limit. When outside temp. drops below this value, heat recovery will be forced on and ru	Holding register	R	W		
3x0644	HP LTO DEFROST DELAY	HP unit delay after defrost where heat pump is off for defrosting of HR and extract air fan (min)	Holding register	R	W		5
3x0645	EC P value	Constant duct pressure control proportional band with EC fans (Pa)	Holding register	R	W		
3x0646	VKPS EC Integration time	Constant duct pressure control integration time with EC fans (sec)	Holding register	R	W		
3x0647	VKPS EC Reset time	Constant duct pressure control reset time with EC fans (sec)	Holding register	R	W		
3x0648	VKPS EC Dz	Constant duct pressure dead zone with EC fans (Pa)	Holding register	R	W		
3x0649	VKPS AC t	Constant duct pressure speed change delay with AC fans (sec)	Holding register	R	W		
3x0650	VKPS AC Dz	Constant duct pressure dead zone with AC fans (Pa)	Holding register	R	W		
3x0651	CX fan speed	CX unit fan speed during cooling	Holding register	R	W		

NOTE! Negative numbers e.g -300 are 16-bit integer, so (2^16)+(wished value)=used number, -50 -> (2^16)+(-50)=65486

Used value	Wanted value
65521	-15
65526	-10

EDA freeway bus settings

Connection RS485
Baud rate 19200
8 bit
No parity
Slave adress 1

1=+5V
2=L1 RxD Recive
3=L2 TxD Transmit
4=GND