Modbus TCP Register List

GreenManager for GreenMaster @ and XXL

Valid for firmware version **T03-5_GMA_3016T** *and* **T03-5_GMXXL_2916T** *or later*

Overview

Modbus can access single adresses 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 ID

The default Modbus ID for GreenManager is **60**.

Modbus Addressing

1-based: Modbus registers and bit numbers are assumed to start the numbering from 1.

Modbus data types

1-bit values or 16-bit values

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

Supported Modbus commands

The GreenManager Control Unit support 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
15	Force Multiple Colis
16	Preset Multiple Registers

Modbus	Designation	Min/Max	Note
000273	**Activation of Manual Operation for Output - TX1 (HX)** 0=Auto, 1=Manual	0-1	
000274	**Activation of Manual Operation for Output - T.GQ1 (SA Fan)** 0=Auto, 1=Manual	0-1	
000275	**Activation of Manual Operation for Output - F.GQ1 (EA Fan)** 0=Auto, 1=Manual	0-1	
000276	**Activation of Manual Operation for Output - C.QN1 (Valve)** 0=Auto, 1=Manual	0-1	
000277	**Activation of Manual Operation for Output - H.QN1 (Valve)** 0=Auto, 1=Manual	0-1	
000433	**Alarm Reset - Fire** Write 1 to this bit to reset Fire Alarm	0-1	
000434	**Alarm Reset - H.BT1 Frost Guard** Write 1 to this bit to reset H.BT1 Frost Guard Alarm	0-1	
000435	**Reserve**		
000436	**Alarm Reset - Tripped Fuse** Write 1 to this bit to reset Fuse Alarm	0-1	
000437	**Alarm Reset - PV Temperature Regulator Deviation Alarm** Write 1 to this bit to reset Temp. Regulator Deviation Alarm	0-1	
000438	**Alarm Reset - T.BP1/T.BF1 (SA) Regulator Deviation Alarm** Write 1 to this bit to reset SA Regulator Deviation Alarm	0-1	
000439	**Alarm Reset - F.BP1/F.BF1 (EA) Regulator Deviation Alarm** Write 1 to this bit to reset EA Regulator Deviation Alarm	0-1	
000440	**Alarm Reset - T.GQ1 (SA) Fan Alarm** Write 1 to this bit to reset SA Fan Alarm	0-1	
000441	**Alarm Reset - F.GQ1 (EA) Fan Alarm** Write 1 to this bit to reset EA Fan Alarm	0-1	
000442	**Alarm Reset - TX1 (HX) Low Efficiency Alarm** Write 1 to this bit to reset HX Low Efficiency Alarm	0-1	
000443	**Alarm Reset - TX1 (HX) Rotation Monitor (GMA) / High Pressure (GMXXL)** Write 1 to this bit to reset HX Rotation/HX High Pressure Alarm	0-1	
000444	**Alarm Reset - T.BP2 (SA) Filter Alarm** Write 1 to this bit to reset SA Filter Alarm	0-1	
000445	**Alarm Reset - F.BP2 (EA) Filter Alarm** Write 1 to this bit to reset EA Filter Alarm	0-1	
002017	**Activation of Manual Operation for Digital Output - H.GP1 (Pump)** 0=Auto, 1=Manual	0-1	
002018	**Activation of Manual Operation for Digital Output - C.GP1 (Pump)** 0=Auto, 1=Manual	0-1	
002020	**Activation of Manual Operation for Digital Output - F.QM1 (Damper)** 0=Auto, 1=Manual	0-1	
002021	**Activation of Manual Operation for Digital Output - T.QM1 (Damper)** 0=Auto, 1=Manual	0-1	
002022	**Activation of Manual Operation for Digital Output - T.QM2 (Damper)** 0=Auto, 1=Manual	0-1	

Modbus	Designation	Min/Max	Note
002023	**Activation of Manual Operation for Digital Output - F.QM2 (Damper)** 0=Auto, 1=Manual	0-1	
002033	**H.GP1 - Heating Pump Manual Override** Manual operation for H.GP1 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
002034	**C.GP1 - Cooling Pump Manual Override** Manual operation for C.GP1 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
002036	**F.QM1 - EA Damper Manual Override** Manual operation for F.QM1 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
002037	**T.QM1 - SA Damper Manual Override** Manual operation for T.QM1 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
002038	**T.QM2 - Outdoor Air Damper Manual Override** Manual operation for T.QM2 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
002039	**F.QM2 - Fire Bypass Damper Manual Override** Manual operation for F.QM2 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
006169	**Alarm Reset - Smoke Detector in SC2 address 21** Write 1 to this bit to reset Smoke Detector Alarm in SC2.21	0-1	
006170	**Alarm Reset - Smoke Detector in SC2 address 22** Write 1 to this bit to reset Smoke Detector Alarm in SC2.22	0-1	
006171	**Alarm Reset - Smoke Detector in SC2 address 23** Write 1 to this bit to reset Smoke Detector Alarm in SC2.23	0-1	
006172	**Alarm Reset - Smoke Detector in SC2 address 24** Write 1 to this bit to reset Smoke Detector Alarm in SC2.24	0-1	
006449	**Activation of Manual Operation for Digital Output T.QM1.1** **SC2.1.DO1 (GMXXL Only)** 0=Auto, 1=Manual	0-1	
006450	**Activation of Manual Operation for Digital Output T.QM1.2** **SC2.1.DO2 (GMXXL Only)** 0=Auto, 1=Manual	0-1	
006451	**Activation of Manual Operation for Digital Output T.QM1.3** **SC2.2.DO1 (GMXXL Only)** 0=Auto, 1=Manual	0-1	
006452	**Activation of Manual Operation for Digital Output T.QM1.4** **SC2.2.DO2 (GMXXL Only)** 0=Auto, 1=Manual	0-1	

Modbus	Designation	Min/Max	Note
006453	**Activation of Manual Operation for Digital Output T.QM1.5 SC2.3.DO1 (GMXXL Only)** 0=Auto, 1=Manual	0-1	
006454	**Activation of Manual Operation for Digital Output T.QM1.6 SC2.3.DO2 (GMXXL Only)** 0=Auto, 1=Manual	0-1	
006457	**T.QM1.1 - HX Damper 1 Manual Override (GMXXL Only)** Manual operation for T.QM1.1 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
006458	**T.QM1.2 - HX Damper 2 Manual Override (GMXXL Only)** Manual operation for T.QM1.2 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
006459	**T.QM1.3 - HX Damper 3 Manual Override (GMXXL Only)** Manual operation for T.QM1.3 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
006460	**T.QM1.4 - HX Damper 4 Manual Override (GMXXL Only)** Manual operation for T.QM1.4 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
006461	**T.QM1.5 - HX Damper 5 Manual Override (GMXXL Only)** Manual operation for T.QM1.5 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
006462	**T.QM1.6 - HX Damper 6 Manual Override (GMXXL Only)** Manual operation for T.QM1.6 must be activated to be able to write to this parameter (0=OFF, 1=ON)	0-1	
006464	**Activation of Manual Operation for F.QN1 HX Bypass Damper (GMXXL Only)**	0-1	
009457	**Activation of Electric Heating via DO3 Function (GMA Only)**	0-1	
012659	**Activation of F.QN1 Winter Close Function (GMXXL Only)**	0-1	

Modbus	Designation	Min/Max	Note
100033	**Stop/Start Status** 0 = Air Handling Unit Started 1 = Air Handling Unit Stopped	0-1	
100036	**Start via Time Channel** 0 = Time Channel Stop (Prohibit Run) 1 = Time Channel Run (Permit Run)	0-1	
100129	**Digital Output - DO 1 (H.GP1 - Heating Pump Output)**	0-1	
100130	**Digital Output - DO 2 (C.GP1 - Cooling Pump Output)**	0-1	
100131	**Digital Output - DO 3 (F.GQ1 - Run Status Output)**	0-1	
100132	**Digital Output - DO 4 (F.QM1 - EA Damper Output)**	0-1	
100133	**Digital Output - DO 5 (T.QM1 - SA Damper Output)**	0-1	
100134	**Digital Output - DO 6 (T.QM2 - Outdoor Damper Output)**	0-1	
100135	**Digital Output - DO 7 (F.QM2 - Fire Bypass Damper Output)**	0-1	
100145	**Digital Input Status - DI 1 (Reserve)**	0-1	
100146	**Digital Input Status - DI 2 (Fire)**	0-1	
100147	**Digital Input Status - DI 3 (Fuse)**	0-1	
100148	**Digital Input Status - DI 4 (HX/High Pressure)**	0-1	
100149	**Digital Input Status - DI 5 (T.GQ1 Fan Alarm)**	0-1	
100150	**Digital Input Status - DI 6 (F.GQ1 Fan Alarm)**	0-1	
100151	**Digital Input Status - DI 7 (F.QM2 Damper Closed)**	0-1	
100152	**Digital Input Status - DI 8 (F.QM2 Damper Open)**	0-1	
100153	**Digital Input Status - DI 9 (SF1 Extended Run)**	0-1	
100178	**Alarm Status - Fire Alarm via Digital Input (DI2)**	0-1	
100241	**T.GQ1 (SA) Fan is running**	0-1	
100242	**F.GQ1 (EA) Fan is running**	0-1	
100245	**Alarm Status - Fire Alarm via Analogue Smoke Detector (AI3)**	0-1	
100246	**Alarm Status - Fire Alarm via Analogue Smoke Detector (AI4)**	0-1	
100247	**Alarm Status - Fire Alarm via Analogue Smoke Detector (AI5)**	0-1	
100248	**Alarm Status - Fire Alarm via Analogue Smoke Detector (AI6)**	0-1	
100249	**Alarm Status - Analogue Smoke Detector Service Alarm (AI3)**	0-1	
100250	**Alarm Status - Analogue Smoke Detector Service Alarm (AI4)**	0-1	
100251	**Alarm Status - Analogue Smoke Detector Service Alarm (AI5)**	0-1	
100252	**Alarm Status - Analogue Smoke Detector Service Alarm (AI6)**	0-1	
100254	**Alarm Status - F.QM2 Bypass Damper Exercise Alarm**	0-1	
100255	**Copy of bit 100135 - DO 7 (F.QM2 - Fire Bypass Damper Out)**	0-1	
100256	**Alarm Status - Internal fire alarm active,** **excluding fire via DI2 and AI6**	0-1	
100283	**Cooling Recycling Function Active** This bit is set to 1 if the Cooling Recycling Function is active	0-1	
100284	**Night Cooling Function Active** This bit is set to 1 if the Night Cooling Function is active	0-1	
100286	**T.GQ1 Flow Reduction Function Active** This bit is set to 1 if the T.GQ1 Flow Reduction Function is active	0-1	
100287	**Alarm Status - B-Alarm (Priority B)**	0-1	
100288	**Alarm Status - A-Alarm (Priority A)**	0-1	
100401	**Alarm Status - Fire Alarm** This bit is set to 1 if the Fire Alarm is active, no matter what source it comes from	0-1	
100402	**Alarm Status - H.BT1 Frost Guard**	0-1	

Modbus	Designation	Min/Max	Note
100403	Reserve		
100404	Alarm Status - Tripped Fuse	0-1	
100405	Alarm Status - T.BT1 Temperature Regulator Deviation Alarm	0-1	
100406	Alarm Status - T.BP1/T.BF1 (SA) Regulator Deviation Alarm	0-1	
100407	Alarm Status - F.BP1/F.BF1 (EA) Regulator Deviation Alarm	0-1	
100408	Alarm Status - T.GQ1 (SA) Fan Alarm	0-1	
100409	Alarm Status - F.GQ1 (EA) Fan Alarm	0-1	
100410	Alarm Status - TX1 (HX) Low Efficiency Alarm	0-1	
100411	(GMA) Alarm Status - TX1 (HX) Rotation Monitor (GMXXL) Alarm Status - F.BP3 High Pressure Alarm	0-1	
100412	Alarm Status - T.BP2 (SA) Filter Alarm	0-1	
100413	Alarm Status - F.BP2 (EA) Filter Alarm	0-1	
100414	Alarm Status - Smoke Detector Service Alarm	0-1	
100415	Alarm Status - Sum Alarm for all QM (Dampers)	0-1	
105905	Digital Output - SC2.1.DO1 - T.QM1.1 - (GMXXL only)	0-1	
105921	Digital Output - SC2.1.DO2 - T.QM1.2 - (GMXXL only)	0-1	
105937	Digital Output - SC2.2.DO1 - T.QM1.3 - (GMXXL only)	0-1	
105953	Digital Output - SC2.2.DO2 - T.QM1.4 - (GMXXL only)	0-1	
105969	Digital Output - SC2.3.DO1 - T.QM1.5 - (GMXXL only)	0-1	
105985	Digital Output - SC2.3.DO2 - T.QM1.6 - (GMXXL only)	0-1	
106177	SC2 address 21 - Communication Error	0-1	
106178	SC2 address 21 - Fire Alarm Active in SC2.21	0-1	
106179	SC2 address 21 - Reserve		
106180	SC2 address 21 - Damper 1 Alarm	0-1	
106181	SC2 address 21 - Dampers Exercising	0-1	
106182	SC2 address 21 - Damper 2 Alarm	0-1	
106183	SC2 address 21 - Damper Sum Alarm (1, 2 or both)	0-1	
106184	Reserve		
106185	SC2 address 21 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106186	SC2 address 21 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106187	SC2 address 21 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106188	SC2 address 21 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106189	SC2 address 21 - Smoke Detector Normal Operation	0-1	
106190	SC2 address 21 - Smoke Detector Alarm	0-1	
106191	SC2 address 21 - Smoke Detector Service Alarm	0-1	
106192	SC2 address 21 - Smoke Detector Cable Break	0-1	
106193	SC2 address 22 - Communication Error	0-1	
106194	SC2 address 22 - Fire Alarm Active in SC2.22	0-1	
106195	SC2 address 22 - Reserve		
106196	SC2 address 22 - Damper 1 Alarm	0-1	
106197	SC2 address 22 - Dampers Exercising	0-1	
106198	SC2 address 22 - Damper 2 Alarm	0-1	
106199	SC2 address 22 - Damper Sum Alarm (1, 2 or both)	0-1	
106200	Reserve		
106201	SC2 address 22 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106202	SC2 address 22 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106203	SC2 address 22 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106204	SC2 address 22 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106205	SC2 address 22 - Smoke Detector Normal Operation	0-1	

Modbus	Designation	Min/Max	Note
106206	SC2 address 22 - Smoke Detector Alarm	0-1	
106207	SC2 address 22 - Smoke Detector Service Alarm	0-1	
106208	SC2 address 22 - Smoke Detector Cable Break	0-1	
106209	SC2 address 23 - Communication Error	0-1	
106210	SC2 address 23 - Fire Alarm Active in SC2.23	0-1	
106211	SC2 address 23 - Reserve		
106212	SC2 address 23 - Damper 1 Alarm	0-1	
106213	SC2 address 23 - Dampers Exercising	0-1	
106214	SC2 address 23 - Damper 2 Alarm	0-1	
106215	SC2 address 23 - Damper Sum Alarm (1, 2 or both)	0-1	
106216	Reserve		
106217	SC2 address 23 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106218	SC2 address 23 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106219	SC2 address 23 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106220	SC2 address 23 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106221	SC2 address 23 - Smoke Detector Normal Operation	0-1	
106222	SC2 address 23 - Smoke Detector Alarm	0-1	
106223	SC2 address 23 - Smoke Detector Service Alarm	0-1	
106224	SC2 address 23 - Smoke Detector Cable Break	0-1	
106225	SC2 address 24 - Communication Error	0-1	
106226	SC2 address 24 - Fire Alarm Active in SC2.24	0-1	
106227	SC2 address 24 - Reserve		
106228	SC2 address 24 - Damper 1 Alarm	0-1	
106229	SC2 address 24 - Dampers Exercising	0-1	
106230	SC2 address 24 - Damper 2 Alarm	0-1	
106231	SC2 address 24 - Damper Sum Alarm (1, 2 or both)	0-1	
106232	Reserve		
106233	SC2 address 24 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106234	SC2 address 24 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106235	SC2 address 24 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106236	SC2 address 24 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106237	SC2 address 24 - Smoke Detector Normal Operation	0-1	
106238	SC2 address 24 - Smoke Detector Alarm	0-1	
106239	SC2 address 24 - Smoke Detector Service Alarm	0-1	
106240	SC2 address 24 - Smoke Detector Cable Break	0-1	
106273	SC2 address 25 - Communication Error	0-1	
106274	SC2 address 25 - Fire Alarm Active in SC2.24	0-1	
106275	SC2 address 25 - Reserve		
106276	SC2 address 25 - Damper 1 Alarm	0-1	
106277	SC2 address 25 - Dampers Exercising	0-1	
106278	SC2 address 25 - Damper 2 Alarm	0-1	
106279	SC2 address 25 - Damper Sum Alarm (1, 2 or both)	0-1	
106280	Reserve		
106281	SC2 address 25 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106282	SC2 address 25 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106283	SC2 address 25 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106284	SC2 address 25 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106285	SC2 address 25 - Smoke Detector Normal Operation	0-1	
106286	SC2 address 25 - Smoke Detector Alarm	0-1	

Modbus	Designation	Min/Max	Note
106287	SC2 address 25 - Smoke Detector Service Alarm	0-1	
106288	SC2 address 25 - Smoke Detector Cable Break	0-1	
106289	SC2 address 26 - Communication Error	0-1	
106290	SC2 address 26 - Fire Alarm Active in SC2.24	0-1	
106291	SC2 address 26 - Reserve		
106292	SC2 address 26 - Damper 1 Alarm	0-1	
106293	SC2 address 26 - Dampers Exercising	0-1	
106294	SC2 address 26 - Damper 2 Alarm	0-1	
106295	SC2 address 26 - Damper Sum Alarm (1, 2 or both)	0-1	
106296	Reserve		
106297	SC2 address 26 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106298	SC2 address 26 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106299	SC2 address 26 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106300	SC2 address 26 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106301	SC2 address 26 - Smoke Detector Normal Operation	0-1	
106302	SC2 address 26 - Smoke Detector Alarm	0-1	
106303	SC2 address 26 - Smoke Detector Service Alarm	0-1	
106304	SC2 address 26 - Smoke Detector Cable Break	0-1	
106353	SC2 address 27 - Communication Error	0-1	
106354	SC2 address 27 - Fire Alarm Active in SC2.24	0-1	
106355	SC2 address 27 - Reserve		
106356	SC2 address 27 - Damper 1 Alarm	0-1	
106357	SC2 address 27 - Dampers Exercising	0-1	
106358	SC2 address 27 - Damper 2 Alarm	0-1	
106359	SC2 address 27 - Damper Sum Alarm (1, 2 or both)	0-1	
106360	Reserve		
106361	SC2 address 27 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106362	SC2 address 27 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106363	SC2 address 27 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106364	SC2 address 27 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106365	SC2 address 27 - Smoke Detector Normal Operation	0-1	
106366	SC2 address 27 - Smoke Detector Alarm	0-1	
106367	SC2 address 27 - Smoke Detector Service Alarm	0-1	
106368	SC2 address 27 - Smoke Detector Cable Break	0-1	
106369	SC2 address 28 - Communication Error	0-1	
106370	SC2 address 28 - Fire Alarm Active in SC2.24	0-1	
106371	SC2 address 28 - Reserve		
106372	SC2 address 28 - Damper 1 Alarm	0-1	
106373	SC2 address 28 - Dampers Exercising	0-1	
106374	SC2 address 28 - Damper 2 Alarm	0-1	
106375	SC2 address 28 - Damper Sum Alarm (1, 2 or both)	0-1	
106376	Reserve		
106377	SC2 address 28 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106378	SC2 address 28 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106379	SC2 address 28 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106380	SC2 address 28 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106381	SC2 address 28 - Smoke Detector Normal Operation	0-1	
106382	SC2 address 28 - Smoke Detector Alarm	0-1	
106383	SC2 address 28 - Smoke Detector Service Alarm	0-1	

Modbus	Designation	Min/Max	Note
106384	SC2 address 28 - Smoke Detector Cable Break	0-1	
106385	SC2 address 29 - Communication Error	0-1	
106386	SC2 address 29 - Fire Alarm Active in SC2.24	0-1	
106387	SC2 address 29 - Reserve		
106388	SC2 address 29 - Damper 1 Alarm	0-1	
106389	SC2 address 29 - Dampers Exercising	0-1	
106390	SC2 address 29 - Damper 2 Alarm	0-1	
106391	SC2 address 29 - Damper Sum Alarm (1, 2 or both)	0-1	
106392	Reserve		
106393	SC2 address 29 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106394	SC2 address 29 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106395	SC2 address 29 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106396	SC2 address 29 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106397	SC2 address 29 - Smoke Detector Normal Operation	0-1	
106398	SC2 address 29 - Smoke Detector Alarm	0-1	
106399	SC2 address 29 - Smoke Detector Service Alarm	0-1	
106400	SC2 address 29 - Smoke Detector Cable Break	0-1	
106401	SC2 address 30 - Communication Error	0-1	
106402	SC2 address 30 - Fire Alarm Active in SC2.24	0-1	
106403	SC2 address 30 - Reserve		
106404	SC2 address 30 - Damper 1 Alarm	0-1	
106405	SC2 address 30 - Dampers Exercising	0-1	
106406	SC2 address 30 - Damper 2 Alarm	0-1	
106407	SC2 address 30 - Damper Sum Alarm (1, 2 or both)	0-1	
106408	Reserve		
106409	SC2 address 30 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106410	SC2 address 30 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106411	SC2 address 30 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106412	SC2 address 30 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106413	SC2 address 30 - Smoke Detector Normal Operation	0-1	
106414	SC2 address 30 - Smoke Detector Alarm	0-1	
106415	SC2 address 30 - Smoke Detector Service Alarm	0-1	
106416	SC2 address 30 - Smoke Detector Cable Break	0-1	
106417	SC2 address 31 - Communication Error	0-1	
106418	SC2 address 31 - Fire Alarm Active in SC2.24	0-1	
106419	SC2 address 31 - Reserve		
106420	SC2 address 31 - Damper 1 Alarm	0-1	
106421	SC2 address 31 - Dampers Exercising	0-1	
106422	SC2 address 31 - Damper 2 Alarm	0-1	
106423	SC2 address 31 - Damper Sum Alarm (1, 2 or both)	0-1	
106424	Reserve		
106425	SC2 address 31 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106426	SC2 address 31 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106427	SC2 address 31 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106428	SC2 address 31 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106429	SC2 address 31 - Smoke Detector Normal Operation	0-1	
106430	SC2 address 31 - Smoke Detector Alarm	0-1	
106431	SC2 address 31 - Smoke Detector Service Alarm	0-1	
106432	SC2 address 31 - Smoke Detector Cable Break	0-1	

Modbus	Designation	Min/Max	Note
106433	SC2 address 32 - Communication Error	0-1	
106434	SC2 address 32 - Fire Alarm Active in SC2.24	0-1	
106435	SC2 address 32 - Reserve		
106436	SC2 address 32 - Damper 1 Alarm	0-1	
106437	SC2 address 32 - Dampers Exercising	0-1	
106438	SC2 address 32 - Damper 2 Alarm	0-1	
106439	SC2 address 32 - Damper Sum Alarm (1, 2 or both)	0-1	
106440	Reserve		
106441	SC2 address 32 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106442	SC2 address 32 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106443	SC2 address 32 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106444	SC2 address 32 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106445	SC2 address 32 - Smoke Detector Normal Operation	0-1	
106446	SC2 address 32 - Smoke Detector Alarm	0-1	
106447	SC2 address 32 - Smoke Detector Service Alarm	0-1	
106448	SC2 address 32 - Smoke Detector Cable Break	0-1	
106449	SC2 address 33 - Communication Error	0-1	
106450	SC2 address 33 - Fire Alarm Active in SC2.24	0-1	
106451	SC2 address 33 - Reserve		
106452	SC2 address 33 - Damper 1 Alarm	0-1	
106453	SC2 address 33 - Dampers Exercising	0-1	
106454	SC2 address 33 - Damper 2 Alarm	0-1	
106455	SC2 address 33 - Damper Sum Alarm (1, 2 or both)	0-1	
106456	Reserve		
106457	SC2 address 33 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106458	SC2 address 33 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106459	SC2 address 33 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106460	SC2 address 33 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106461	SC2 address 33 - Smoke Detector Normal Operation	0-1	
106462	SC2 address 33 - Smoke Detector Alarm	0-1	
106463	SC2 address 33 - Smoke Detector Service Alarm	0-1	
106464	SC2 address 33 - Smoke Detector Cable Break	0-1	
106465	SC2 address 34 - Communication Error	0-1	
106466	SC2 address 34 - Fire Alarm Active in SC2.24	0-1	
106467	SC2 address 34 - Reserve		
106468	SC2 address 34 - Damper 1 Alarm	0-1	
106469	SC2 address 34 - Dampers Exercising	0-1	
106470	SC2 address 34 - Damper 2 Alarm	0-1	
106471	SC2 address 34 - Damper Sum Alarm (1, 2 or both)	0-1	
106472	Reserve		
106473	SC2 address 34 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106474	SC2 address 34 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106475	SC2 address 34 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106476	SC2 address 34 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106477	SC2 address 34 - Smoke Detector Normal Operation	0-1	
106478	SC2 address 34 - Smoke Detector Alarm	0-1	
106479	SC2 address 34 - Smoke Detector Service Alarm	0-1	
106480	SC2 address 34 - Smoke Detector Cable Break	0-1	
106481	SC2 address 35 - Communication Error	0-1	

Modbus	Designation	Min/Max	Note
106482	SC2 address 35 - Fire Alarm Active in SC2.24	0-1	
106483	SC2 address 35 - Reserve		
106484	SC2 address 35 - Damper 1 Alarm	0-1	
106485	SC2 address 35 - Dampers Exercising	0-1	
106486	SC2 address 35 - Damper 2 Alarm	0-1	
106487	SC2 address 35 - Damper Sum Alarm (1, 2 or both)	0-1	
106488	Reserve		
106489	SC2 address 35 - Damper 1 Closed (Spring released/Fire) DI	0-1	
106490	SC2 address 35 - Damper 1 Open (Spring loaded/Normal op.) DI	0-1	
106491	SC2 address 35 - Damper 2 Closed (Spring released/Fire) DI	0-1	
106492	SC2 address 35 - Damper 2 Open (Spring loaded/Normal op.) DI	0-1	
106493	SC2 address 35 - Smoke Detector Normal Operation	0-1	
106494	SC2 address 35 - Smoke Detector Alarm	0-1	
106495	SC2 address 35 - Smoke Detector Service Alarm	0-1	
106496	SC2 address 35 - Smoke Detector Cable Break	0-1	

Modbus	Designation	Min/Max	Note
300008	BT1 via MODBUS - Outdoor Temperature via MODBUS	-40.0-99.0	°C
300021	TX1 - (HX) Efficiency Alt. 1 (T.BT3-BT1/F.BT1-BT1)	0-100	%
300022	TX1 - (HX) Efficiency Alt. 2 (F.BT1-F.BT2/F.BT1-BT1)	0-100	%
300033	T.BF1 (SA) - Differential Pressure	0-9999	Pa
300034	T.BF1 (SA) - Air Flow	0-9999	l/s
300035	F.BF1 (EA) - Differential Pressure	0-9999	Pa
300036	F.BF1 (EA) - Air Flow	0-9999	l/s
300037	T.BT1 - Supply Air Duct Temperature	-55.0-125.0	°C
300038	H.BT1 - Heating Coil Frost Guard Temperature	-55.0-125.0	°C
300039	F.BT1 - Extract Air Temperature	-55.0-125.0	°C
300040	BT1 - Outdoor Temperature	-55.0-125.0	°C
300041	T.BP1 - Supply Air Duct Pressure	0-9999	Pa
300042	F.BP1 - Extract Air Duct Pressure	0-9999	Pa
300043	T.BT3 - Supply Air Temperature (Before reheating)	-55.0-125.0	°C
300044	T.BT2 - Outdoor Air Temperature (Integrated)	-55.0-125.0	°C
300045	F.BT2 - Exhaust Air Temperature	-55.0-125.0	°C
300046	T.BP2 - Supply Air Filter Pressure	0-9999	Pa
300047	F.BP2 - Extract Air Filter Pressure	0-9999	Pa
300048	BT2 - Room Temperature	-55.0-125.0	°C
300049	TX1 - HX Output Value	0-4096	4096 = 100%
300050	T.GQ1 - SA Fan Output Value	0-4096	4096 = 100%
300051	F.GQ1 - EA Fan Output Value	0-4096	4096 = 100%
300052	C.QN1 - Cooling Control Valve Output Value	0-4096	4096 = 100%
300053	H.QN1 - Heating Control Valve Output Value	0-4096	4096 = 100%
300079	Zero parameter This value will always be 0	0	
300177	Year Internal clock	2000-2099	
300178	Month Internal clock	1-12	
300179	Date Internal clock	0-31	
300180	Hour Internal clock	0-23	
300181	Minute Internal clock	0-59	
300182	Second Internal clock	0-59	
300183	Weekday Internal clock (1 = Monday, 7 = Sunday)	1-7	
300289	T.BT1 Temperature Regulator Current Setpoint	0.0-99.0	°C
300305	T.BP1 - Supply Air Pressure Current Setpoint (Pressure control) T.BF1 - Supply Air Flow Current Setpoint (Flow control)	0-9999	Pa (or l/s)
300321	F.BP1 - Extract Air Pressure Current Setpoint (Pressure control) F.BF1 - Extract Air Flow Current Setpoint (Flow control)	0-9999	Pa (or l/s)
300369	F.QN1 - HX Bypass Damper Output Value (GMXXL Only)	0-4096	4096 = 100%
300370	Reserve		
300701	T.BP1/T.BF1 Setpoint Current Offset	0-9999	Pa (or l/s)

Modbus	Designation	Min/Max	Note
300702	**F.BP1/F.BF1 Setpoint Current Offset**	0-9999	Pa (or l/s)
300703			
300704			
300762	**Copy of Holding Parameter 433530 - Sampled F.BT1 Value**	-55.0-125.0	°C
300817	**F.BP3 - Extract Air HX Pressure**	-32768-32768	Pa
300980	**Current SFP Value**	0.000-3.000	kW/m^3/s
300945			
301153. 16H	**Air Handling Unit Identity** String containing 16 letters	ABCDEFGH…	String

Modbus	Designation	Min/Max	Note
400008	**BT1 via MODBUS - Outdoor Temperature via MODBUS** If "BT1 - Outdoor Temperature" input is set to use temperature via Modbus, you are able to write the current temperature to this parameter. Read BT1 value via parameter 300040.	-40.0-99.0	°C
400032	**Alarm Reset** Write 1 to this parameter to reset all alarms in the unit	0-1	
400049	**(GMA Only) TX1 - HX Heat Exchanger Output Value** Manual operation for TX1 must be activated to be able to write to this parameter	0-4096	4096 = 100%
400050	**T.GQ1 - SA Fan Output Value** Manual operation for T.GQ1 must be activated to be able to write to this parameter	0-4096	4096 = 100%
400051	**F.GQ1 - EA Fan Output Value** Manual operation for F.GQ1 must be activated to be able to write to this parameter	0-4096	4096 = 100%
400052	**C.QN1 - Cooling Control Valve Output Value** Manual operation for C.QN1 must be activated to be able to write to this parameter	0-4096	4096 = 100%
400053	**H.QN1 - Heating Control Valve Output Value** Manual operation for H.QN1 must be activated to be able to write to this parameter	0-4096	4096 = 100%
400177	**Year** Setting for the internal clock	2000-2099	
400178	**Month** Setting for the internal clock	1-12	
400179	**Date** Setting for the internal clock	0-31	
400180	**Hour** Setting for the internal clock	0-23	
400181	**Minute** Setting for the internal clock	0-59	
400182	**Second** Setting for the internal clock	0-59	
400183	**Weekday** Setting for the internal clock (1 = Monday, 7 = Sunday)	1-7	
400184	**Control Register** Write 1 to this register to stop the clock. Then you will be able to change the clock registers above. Write 3 to this register to start the clock again	0-3	
400369	**(GMXXL Only) F.QN1 - HX Bypass Damper Output Value** Manual operation for F.QN1 must be activated to be able to write to this parameter	0-4096	4096 = 100%
432772	**Unit Start/Stop** If the Air Handling unit is set to use Start/Stop via Modbus, this parameter can be used to start and stop the unit 0 = Air Handling Unit Stopped 1 = Air Handling Unit Running	0-1	
433059	**T.BT1 Temperature Regulator - P-Band**	0.0-99.0	°C

Modbus	Designation	Min/Max	Note
433061	T.BT1 Temperature Regulator - I-time	0-3600	s
433083	T.GQ1 Max Limitation Value	0-4096	4096 = 100%
433099	F.GQ1 Max Limitation Value	0-4096	4096 = 100%
433121	H.QN1 Frost Guard Regulator - Setpoint	0.0-99.0	°C
433123	H.QN1 Frost Guard Regulator - P-Band	0.0-99.0	°C
433125	H.QN1 Frost Guard Regulator - I-time	0.0-99.0	°C
433163	External Fire Dampers Exercise Start Time (Hour)	0-23	h
433164	External Fire Dampers Exercise Start Time (Minute)	0-59	min
433165	External Fire Dampers Exercise Interval	0-20160	min
433285	T.BT1 Temperature Regulator - Alarm Delay	0-7200	s
433286	T.BP1 (SA) Duct Pressure Regulator - Alarm Delay (Pressure contr) T.BF1 (SA) Flow Regulator - Alarm Delay (Flow control)	0-7200	s
433287	F.BP1 (EA) Duct Pressure Regulator - Alarm Delay (Pressure contr) F.BF1 (EA) Flow Regulator - Alarm Delay (Flow control)	0-7200	s
433288	T.GQ1 (SA) - Fan Alarm Delay	0-7200	s
433289	F.GQ1 (EA) - Fan Alarm Delay	0-7200	s
433290	TX1 (HX) - Low Efficiency Alarm Delay	0-7200	s
433291	F.BP3 Defrost Alarm Delay	0-7200	s
433292	T.BP2 - (SA) Filter Alarm Delay	0-7200	s
433293	F.BP2 - (EA) Filter Alarm Delay	0-7200	s
433294	Smoke Detector Service Alarm Delay	0-7200	s
433329	T.BT1 Temperature Regulator - Setpoint (Setting)	0.0-99.0	°C
433330	H.GP1 Low Temperature Start Temp	-10.0-20.0	°C
433331	H.GP1 Low Temperature Hysteresis	0.0-5.0	°C
433332	H.BT1 Frost Guard Unit Stop Temperature	0.0-99.0	°C
433333	H.BT1 Frost Guard Unit Stop Hysteresis	0.0-5.0	°C
433334	F.BT1 Fire Alarm Temperature	38.0-45.0	°C
433335	TX1 (HX) Low Efficiency Alt. 1 Alarm Level (0 = Function is not used)	0-95	%
433336	TX1 (HX) Low Efficiency Alt. 2 Alarm Level (0 = Function is not used)	0-95	%
433337	T.BT1 Temperature Regulator - Deviation Alarm Level	0.0-99.0	°C
433338	T.GQ1 Value During Fire	0-4096	4096 = 100%
433341	T.BT1 Temperature Regulator - Min. Value Min. Value Limit of Temperature Regulator	0.0-99.0	°C
433342	T.BT1 Temperature Regulator - Max. Value Max. Value Limit of Temperature Regulator	0.0-99.0	°C
433343	T.GQ1 (SA) - Fan Startup Delay	0-120	s
433344	F.GQ1 (EA) - Fan Startup Delay	0-240	s
433354	F.GQ1 Value During Fire	0-4096	4096 = 100%
433360	(GMA Only) Electric Heating ON/OFF via DO3 0 = Function not used 50-100 = Value when DO3 should activate extra heating (50=Early, 100=Late)	0, 50-100	%
433363	H.GP1/C.GP1 Exercise Interval	0-20160	min
433364	H.GP1/C.GP1 Exercise Time	0-600	s
433365	F.QM2 Exercise Interval	0-20160	min
433366	F.QM2 Exercise Time	0-600	s
433377	T.BP1 - (SA) Pressure Regulator - Setpoint (Setting)	0-9999	Pa
433378	T.BF1 - (SA) Air Flow Regulator - Setpoint (Setting)	0-9999	l/s

Modbus	Designation	Min/Max	Note
433379	T.BP1 - (SA) Pressure Regulator - P-Band	0-9999	Pa
433380	T.BF1 - (SA) Air Flow Regulator - P-Band	0-9999	l/s
433381	T.BP1 - (SA) Pressure Regulator - I-time	0-3600	s
433382	T.BF1 - (SA) Air Flow Regulator - I-time	0-3600	s
433383	T.BP1 - (SA) Pressure Regulator - Deviation Alarm Level	0-9999	Pa
433384	F.BP1 - (EA) Pressure Regulator - Setpoint (Setting)	0-9999	Pa
433385	F.BF1 - (EA) Air Flow Regulator - Setpoint (Setting)	0-9999	l/s
433386	F.BP1 - (EA) Pressure Regulator - P-Band	0-9999	Pa
433387	F.BF1 - (EA) Air Flow Regulator - P-Band	0-9999	l/s
433388	F.BP1 - (EA) Pressure Regulator - I-time	0-3600	s
433389	F.BF1 - (EA) Air Flow Regulator - I-time	0-3600	s
433390	F.BP1 - (EA) Pressure Regulator - Deviation Alarm Level	0-9999	Pa
433391	T.BP2 - Supply Air Filter - Alarm Level Dirty Filter	0-9999	Pa
433392	F.BP2 - Extract Air Filter - Alarm Level Dirty Filter	0-9999	Pa
433393	Time Channel Monday - Start Hour	0-24	h
433394	Time Channel Monday - Stop Hour	0-24	h
433395	Time Channel Tuesday - Start Hour	0-24	h
433396	Time Channel Tuesday - Stop Hour	0-24	h
433397	Time Channel Wednesday - Start Hour	0-24	h
433398	Time Channel Wednesday - Stop Hour	0-24	h
433399	Time Channel Thursday - Start Hour	0-24	h
433400	Time Channel Thursday - Stop Hour	0-24	h
433401	Time Channel Friday - Start Hour	0-24	h
433402	Time Channel Friday - Stop Hour	0-24	h
433403	Time Channel Saturday - Start Hour	0-24	h
433404	Time Channel Saturday - Stop Hour	0-24	h
433405	Time Channel Sunday - Start Hour	0-24	h
433406	Time Channel Sunday - Stop Hour	0-24	h
433409	Temp. Regulator Setpoint Curve - Offset Temp 1 This is the regulator setpoint value, shifted according to Setpoint Curve.	-40.0-99.0	°C
433410	Temp. Regulator Setpoint Curve - Offset Temp 2	-40.0-99.0	°C
433411	Temp. Regulator Setpoint Curve - Offset Temp 3	-40.0-99.0	°C
433412	Temp. Regulator Setpoint Curve - Offset Temp 4	-40.0-99.0	°C
433413	Temp. Regulator Setpoint Curve - Offset Temp 5	-40.0-99.0	°C
433414	Temp. Regulator Setpoint Curve - Offset Temp 6	-40.0-99.0	°C
433415	Temp. Regulator Setpoint Curve - Offset Temp 7	-40.0-99.0	°C
433416	Temp. Regulator Setpoint Curve - Offset Temp 8	-40.0-99.0	°C
433417	Temp. Regulator Setpoint Curve - Offset Temp 9	-40.0-99.0	°C
433425	Temp. Regulator Setpoint Curve - Temp 1 This is the source temperature. For example, if BT1 Outdoor Temperature is chosen as source and "Temp 1" above is set to -30, the Offset Temp 1 will shift according to this parameter.	-40.0-99.0	°C
433426	Temp. Regulator Setpoint Curve - Temp 2	-40.0-99.0	°C
433427	Temp. Regulator Setpoint Curve - Temp 3	-40.0-99.0	°C
433428	Temp. Regulator Setpoint Curve - Temp 4	-40.0-99.0	°C
433429	Temp. Regulator Setpoint Curve - Temp 5	-40.0-99.0	°C
433430	Temp. Regulator Setpoint Curve - Temp 6	-40.0-99.0	°C
433431	Temp. Regulator Setpoint Curve - Temp 7	-40.0-99.0	°C

Modbus	Designation	Min/Max	Note
433432	**Temp. Regulator Setpoint Curve - Temp 8**	-40.0-99.0	°C
433433	**Temp. Regulator Setpoint Curve - Temp 9**	-40.0-99.0	°C
433441	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 1**	-9999-9999	Pa (or l/s)
433442	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 2**	-9999-9999	Pa (or l/s)
433443	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 3**	-9999-9999	Pa (or l/s)
433444	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 4**	-9999-9999	Pa (or l/s)
433445	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 5**	-9999-9999	Pa (or l/s)
433446	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 6**	-9999-9999	Pa (or l/s)
433447	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 7**	-9999-9999	Pa (or l/s)
433448	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 8**	-9999-9999	Pa (or l/s)
433449	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 9**	-9999-9999	Pa (or l/s)
433457	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Temp 1**	-40.0-99.0	°C
433458	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Temp 2**	-40.0-99.0	°C
433459	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Temp 3**	-40.0-99.0	°C
433460	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Temp 4**	-40.0-99.0	°C
433461	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Temp 5**	-40.0-99.0	°C
433462	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Temp 6**	-40.0-99.0	°C
433463	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Temp 7**	-40.0-99.0	°C
433464	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Temp 8**	-40.0-99.0	°C
433465	**T.BP1/T.BF1 (SA) Setpoint Offset Curve - Temp 9**	-40.0-99.0	°C
433473	**F.BP1/F.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 1**	-9999-9999	Pa (or l/s)
433474	**F.BP1/F.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 2**	-9999-9999	Pa (or l/s)
433475	**F.BP1/F.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 3**	-9999-9999	Pa (or l/s)
433476	**F.BP1/F.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 4**	-9999-9999	Pa (or l/s)
433477	**F.BP1/F.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 5**	-9999-9999	Pa (or l/s)
433478	**F.BP1/F.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 6**	-9999-9999	Pa (or l/s)
433479	**F.BP1/F.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 7**	-9999-9999	Pa (or l/s)
433480	**F.BP1/F.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 8**	-9999-9999	Pa (or l/s)
433481	**F.BP1/F.BF1 (SA) Setpoint Offset Curve - Pressure/Flow 9**	-9999-9999	Pa (or l/s)
433489	**F.BP1/F.BF1 (EA) Setpoint Offset Curve - Temp 1**	-40.0-99.0	°C
433490	**F.BP1/F.BF1 (EA) Setpoint Offset Curve - Temp 2**	-40.0-99.0	°C
433491	**F.BP1/F.BF1 (EA) Setpoint Offset Curve - Temp 3**	-40.0-99.0	°C
433492	**F.BP1/F.BF1 (EA) Setpoint Offset Curve - Temp 4**	-40.0-99.0	°C
433493	**F.BP1/F.BF1 (EA) Setpoint Offset Curve - Temp 5**	-40.0-99.0	°C
433494	**F.BP1/F.BF1 (EA) Setpoint Offset Curve - Temp 6**	-40.0-99.0	°C
433495	**F.BP1/F.BF1 (EA) Setpoint Offset Curve - Temp 7**	-40.0-99.0	°C
433496	**F.BP1/F.BF1 (EA) Setpoint Offset Curve - Temp 8**	-40.0-99.0	°C
433497	**F.BP1/F.BF1 (EA) Setpoint Offset Curve - Temp 9**	-40.0-99.0	°C
433505	**Time Channel Monday - Start Minute**	0-59	min
433506	**Time Channel Monday - Stop Minute**	0-59	min
433507	**Time Channel Tuesday - Start Minute**	0-59	min
433508	**Time Channel Tuesday - Stop Minute**	0-59	min
433509	**Time Channel Wednesday - Start Minute**	0-59	min
433510	**Time Channel Wednesday - Stop Minute**	0-59	min
433511	**Time Channel Thursday - Start Minute**	0-59	min
433512	**Time Channel Thursday - Stop Minute**	0-59	min
433513	**Time Channel Friday - Start Minute**	0-59	min
433514	**Time Channel Friday - Stop Minute**	0-59	min
433515	**Time Channel Saturday - Start Minute**	0-59	min

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Modbus	Designation	Min/Max	Note
433516	**Time Channel Saturday - Stop Minute**	0-59	min
433517	**Time Channel Sunday - Start Minute**	0-59	min
433518	**Time Channel Sunday - Stop Minute**	0-59	min
433522	**F.BF1 - (EA) Air Flow Regulator - Deviation Alarm Level**	0-9999	l/s
433523	**T.BF1 - (SA) Air Flow Regulator - Deviation Alarm Level**	0-9999	l/s
433526	**Electric Heater Turnoff Due To Low T.GQ1 Value (SA)** Heater will turn off if T.GQ1 Value is below this value	0-100	%
433527	**T.GQ1 Flow Reduction Function - %/h** If TX1 (rotary HX) runs at full speed during the Set Time, the T.BF1 (SA) Setpoint will be decreased with %/h but never lower than the Min. Value	0-100	%/h
433528	**T.GQ1 Flow Reduction Function - Min. Value** If TX1 (rotary HX) runs at full speed during the Set Time, the T.BF1 (SA) Setpoint will be decreased with %/h but never lower than the Min. Value (0 = Function not in use)	0-100	%
433529	**Night Cooling Function - F.BT1 Temperature Limit** If Sampled F.BT1 Value is higher than this value at midnight, the Night Cooling Function will be activated (200 = Function is not in use)	0-200	°C
433530	**Sampled F.BT1 Value** **(Also accessible via Modbus parameter 300762)** The temperature of F.BT1 will be sampled when the Air Handling Unit stops. Used together with the Night Cooling Function	-55.0-125.0	°C
433531	**T.GQ1 Flow Reduction Function - Set Time** If TX1 (rotary HX) runs at full speed during the Set Time, the T.BF1 (SA) Setpoint will be decreased with %/h but never lower than the Min. Value	0-1440	min
433537	**F.BT1/BT2 Temperature Regulator - Setpoint (Setting)**	0.0-99.0	°C
433541	**F.BP3 (HX High Pressure) - Deviation Alarm Level** Used when F.BP3 is analogue	0-9999	Pa
433586	F.QN1 Winter Close Function when BT1< this value (GMXXL Only) Start the F.QN1 Winter Close Function when outdoor sensor is colder than this value. This function will force F.QN1 to keep closed when it is cold outside.	-55.0-125.0	°C
433709	**Daytime opening Start Hour for Dampers in SIOX module addr. 21** If you want to activate Daytime opening and Nighttime closing of the dampers connected in SIOX module addr. 21, this is possible if you write a value to this and/or the three parameters below.	0-24	h
433710	**Daytime opening Start Minute for Dampers in SIOX mod. addr. 21**	0-59	min
433711	**Daytime opening Stop Hour for Dampers in SIOX module addr. 21**	0-24	h
433712	**Daytime opening Stop Minute for Dampers in SIOX mod. addr. 21**	0-59	min
433715	**F.BT1/BT2 Temperature Regulator - P-Band**	0.0-99.0	°C
433717	**F.BT1/BT2 Temperature Regulator - I-time**	0-3600	s
433722	**Min. Limitation Value for F.BT1/BT2 Temp. Regulator Output**	0.0-99.0	°C
433723	**Max. Limitation Value for F.BT1/BT2 Temp. Regulator Output**	0.0-99.0	°C
433921. 16H	**Air Handling Unit Identity** String containing 16 letters	ABCDEFGH...	String