## **Revision history**

First draft Added status registers Added status registers Cleanup + some additions Updates Updates Cleanup S.11.2023 Minor changes to match phone app requirments better Cleanup S.12.2023 Floor limit moved to zone, naming in 20000 and 20001, limits in 0zz15/16 and 20000-20003 Cleanup Group vs. Custom reversed, week clock defaults + small fixes I1.1.2024 Floor limit activated + future reservations for RH I9.1.2024 OTA packet version number added 8.2.2024 Hop count and ota progress added 9.2.2024 CU and RU HW types added I1.3.2024 Floor max default + some fixes Ifloor max default + some fixes Modbus slave ID range corrected Modbus slave ID range corrected	Release date	<b>CU Firmware version</b>	Changes
Cleanup + some additions  16.8.2023  Updates  30.10.2023  Cleanup  5.11.2023  Minor changes to match phone app requirments better  2.12.2023  Floor limit moved to zone, naming in 20000 and 20001, limits in 0zz15/16 and 20000-20003  20.12.2023  Group vs. Custom reversed, week clock defaults + small fixes  11.1.2024  Floor limit activated + future reservations for RH  19.1.2024  OTA packet version number added  8.2.2024  Hop count and ota progress added  9.2.2024  CU and RU HW types added  11.3.2024  Zone helper update  15.5.2024  Floor max default + some fixes  14.6.2024  OZZ08 description corrected. Removed "future reservations" from dew point monitoring, since that has been implemented.	16.1.2023		First draft
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	15.5.2024		Floor max default + some fixes
26.6.2024 Modbus slave ID range corrected	14.6.2024		0ZZ08 description corrected. Removed "future reservations" from dew point monitoring, since that has been implemented.
	26.6.2024		Modbus slave ID range corrected

## **Definitions**

CU	Control Unit	General term for Receiver. 8 channels.
CU8	8 channel Control Unit	A CU8 can act as stand-alone master, a slave in a network or as master which hosts a radio based network of CU's. It also supports Modbus RTU with access to the whole network.
RU	Room Unit	General term for Room Unit = Thermostat
Zone	Area controlled by one RU	Max 8 zones per CU. Up to 64 zones available in a network consisting of 8 CU's. Zone numbers will be assinged in order of pairing within each CU.
Master	Main CU in network	If only one CU is used, this will still be set as Master. The master is always CU1
Slave	Secondary CU in network	A slave will be assinged number CU2 CU8 in order of pairing

## **General information**

Dialect Modbus RTU, RS485

Modbus address is adjustable between 1 - 63. Default: 1

The baud rate is adjustable to 9600, 19200, 38400, 115200 baud. Default: 38400

Parity is adjustable to: None, Odd, Even. Default: N

Stop Bits is adjustable to 1 or 2. Default: 1

Data Bits: 8

Note, a setpoint of the room temperature will have resolution of 0.5 degrees when the value sent to our room thermostat from the BMS sytem. (20.0, 20.5, etc.)

Address 4x	R/W	Register name	Min	Max	Defa	ult Unit	Format	Description
	- <b>-4</b>					22		- 0.00 <b>,</b>
System holdi	ing registers							
	1 R/W	Date Year	2010	) 20	199	2023 year	uint16	
	2 R/W	Date Month	201		12	2 month	uint16	
	3 R/W	Date Day			31	17 day	uint16	
	4 R/W	Time Hour			23	0 h	uint16	
	5 R/W	Time Minute	(		59	0 min	uint16	
	6 R/W	Time Second	(		59	0 s	uint16	
	7 R/W	Time Week Day Number			7	0 3	uint16	1 is Monday
	7 1ty VV	Time Week Bay Number	•	-	,		directo	1 is Worlday
90:	1 R	Modbus slave ID	-	l	63	1	uint16	Set with 6 LSB dip switches, read register only
								Set with 2 MSB dip switches. 0=115200 bits/s, 1=38400, 2=19200, 3=9600, read
902	2 R	Modbus baudrate	(	)	3	1	uint16	register only.
903	3 R/W	Modbus parity	(	)	2	0	uint16	0=None, 1=Odd, 2=Even
904	4 R/W	Modbus stop bits	-	L	2	1	uint16	
Zone (RU) ho	olding registe	ers						
								Zones 1-8 belong to the CU1, Zones 9-16 to the CU2 and so on. If all Zones of a
								CU are not used the remaining ones are skipped. For example 1st and 2nd RU in
Address: Pen	Jaco 77 with	zone number Zone1=10, Zone2=11, Zone64=73						1st CU are Zones 1 and 2, 3rd and 4th RUs in 2nd CU are Zones 9 and 10.
•	1 R/W	Home Temp	(	1 1	00	210 0.1 deg C	uint16	220 is 22 C
	2 R/W	Away Temp	(		00	190 0.1 deg C	uint16	190 is 19C
	2 R/W	RU operation mode	(		2	0 0.1 deg C	uint16	0=home, 1=away, 2=week clock
	4 R/W	RU custom settings mode vs. group settings	(		1	1	uint16	0=group mode,1=custom mode
	5 R/W	RU Adaptivity	(		1	0	uint16	0=adaptivity off, 1=adaptivity on
	6 R/W	RU fireplace mode	(		1	0	uint16	0=fireplace mode off, 1=fireplace mode on
	7 R/W	RU bypass mode	(		2	0	uint16	0=bypass mode off, 1=bypass mode constantly activated, 2= bypass mode time
0220	, iv, •••	No bypass mode	`	,	_	Ü	directo	0=off - room temperature regulation, 1=floor - floor temperature regulation,
								2=combi mode - room temperature regulation with supervision for floor min
0770	8 R/W	Extenal sensor	(	1	2	0	uint16	and max
	9 R/W	RU identify	(		1	0	uint16	0=RU identify mode off, 1=RU identify mode on. Used to help pairing.
	0 R/W	RU active state brightness	(		3	2	uint16	0=brightness level 1, 1=brightness level 2, 2=brightness level 3, 3=brightness
	1 R/W	RU fireplace config 1	(		.00	50 %	uint16	Fireplace mode percentage
	2 R/W	RU fireplace config 2	(		:55	16 h	uint16	Fireplace mode length: 1-99h, 255= continuous
0221	2 14 00	No mephace coming 2	`	,	.55	10 11	differ	0=cooling not allowed, 1=cooling allowed. This can be used to block cooling in
0771	3 R/W	Cooling allowed for zone	(	)	1	1	uint16	zone. If cooling is blocked actuator in that zone stays closed.
	4 R/W	Selected week clock number	(		3	0	uint16	0=week clock not selected/programmed. 1=week clock 1, 2=week clock 2,
	5 R/W	Floor min temperature	10		90	50 0.1 deg C	uint16	1-39C, default 5 C, in floor regulation mode also limit for temp setpoint
	6 R/W	Floor max temperature	20		100	350 0.1 deg C	uint16	2-40C, default 35C, in floor regulation mode also limit for temp setpoint
	7 R/W	Dew point monitoring	(		1	0 0.1 deg C	uint16	0=Dew point monitoring OFF, 1=Dew point monitoring ON.
	8 R/W	Dew point monitoring  Dew point temperature margin	(		300	10 0.1 deg C	uint16	Dew point temperature margin. Default 1 degree.
UZZI	O NY VV	Dew bount temberature margin	,	, 3	.00	TO O.T UEE C	unitio	Dem point temperature margin. Delauit 1 degree.

## System level holding registers

Three week clocks

Three week clocks						
Address: Replace W with	week clock number 1, 2 or 3					
1W000 R/W	Week-clock Monday Event 1 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W001 R/W	Week-clock Monday Event 1 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W002 R/W	Week-clock Monday Event 2 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W003 R/W	Week-clock Monday Event 2 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W004 R/W	Week-clock Monday Event 3 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W005 R/W	Week-clock Monday Event 3 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W006 R/W	Week-clock Monday Event 4 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W007 R/W	Week-clock Monday Event 4 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W008 R/W	Week-clock Monday Event 5 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
1)M/000 P /M/	Mode dock Manday Event E cotnaint	0	CEESE	CEE2E 0.1 dog C	wint16	Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W009 R/W	Week-clock Monday Event 5 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W010 R/W	Week-clock Tuesday Event 1 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W011 R/W	Week-clock Tuesday Event 1 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W012 R/W	Week-clock Tuesday Event 2 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W013 R/W	Week-clock Tuesday Event 2 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W014 R/W	Week-clock Tuesday Event 3 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
	W	•	65505	65505.04.10		Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W015 R/W	Week-clock Tuesday Event 3 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W016 R/W	Week-clock Tuesday Event 4 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
1W017 R/W	Week-clock Tuesday Event 4 setpoint	0	65535	65535 0.1 deg C	uint16	Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.
1W017 R/W	Week-clock Tuesday Event 5 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
IVVOID N/VV	Week-clock ruesday Event 5 time	O	34200	O IIIIII	diffeto	Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W019 R/W	Week-clock Tuesday Event 5 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
111015 1., 11	Trees closs ruesday Event 5 seeps	v	03303	03333 0.1 408 0	d25	delined obsess oxiliti
1W020 R/W	Week-clock Wednesday Event 1 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W021 R/W	Week-clock Wednesday Event 1 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W022 R/W	Week-clock Wednesday Event 2 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W023 R/W	Week-clock Wednesday Event 2 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W024 R/W	Week-clock Wednesday Event 3 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
		_				Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W025 R/W	Week-clock Wednesday Event 3 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W026 R/W	Week-clock Wednesday Event 4 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
114/027 8/14/	Mook alook Moducados Escart 4 actualist	•	CEESE	6555 0 1 4 0	:-+1.0	Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W027 R/W	Week-clock Wednesday Event 4 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.

1902   1902   1903   1904   1905	444000 5/44			24200	•	46	100 0 · · · · · 100 1
1903 R/W   Week-clock Thursday Event 1 step   223	1W028 R/W	Week-clock Wednesday Event 5 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
	1W029 R/W	Week-clock Wednesday Event 5 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
10033 N/W   Week-clock Thursday Event 2 septont   0   0   5323   5333 0.1 deg C   unit 16   Un	1W030 R/W	Week-clock Thursday Event 1 time	0	34208	0 min	uint16	·
1903 8 N/W   Week-clock Thursday Event 2 imms   0   34208   0 min   uint 6   MS8-0 event not in use, MS8-12 event in use. LS8s-Time in minutes is e. 22.25   1903 8 N/W   Week-clock Thursday Event 2 setpoint   0   65535   65535 0.1 deg C   uint 6   defined 65535 0FFFF.   1903 6 N/W   Week-clock Thursday Event 3 setpoint   0   65535   65535 0.1 deg C   uint 6   MS8-0 event not in use, MS8-12 event in use. LS8s-Time in minutes is e. 22.25   1903 8 N/W   Week-clock Thursday Event 3 setpoint   0   65535   65535 0.1 deg C   uint 16   MS8-0 event not in use, MS8-12 event in use. LS8s-Time in minutes is e. 22.25   1903 8 N/W   Week-clock Thursday Event 4 setpoint   0   65535   65535 0.1 deg C   uint 16   defined 65535 0FFFF.   1903 8 N/W   Week-clock Thursday Event 4 setpoint   0   65535   65535 0.1 deg C   uint 16   defined 65535 0FFFF.   1903 8 N/W   Week-clock Thursday Event 4 setpoint   0   65535   65535 0.1 deg C   uint 16   defined 65535 0FFFF.   1903 8 N/W   Week-clock Thursday Event 5 setpoint   0   65535   65535 0.1 deg C   uint 16   defined 65535 0FFFF.   1903 8 N/W   Week-clock Firday Event 1 stepoint   0   65535   65535 0.1 deg C   uint 16   defined 65535 0FFFF.   1903 8 N/W   Week-clock Firday Event 1 setpoint   0   65535   65535 0.1 deg C   uint 16   defined 65535 0FFFF.   1903 8 N/W   Week-clock Firday Event 1 setpoint   0   65535   65535 0.1 deg C   uint 16   defined 65535 0FFFF.   1903 8 N/W   Week-clock Firday Event 1 setpoint   0   65535   65535 0.1 deg C   uint 16   defined 65535 0.0 deg C   uint 16   uint 16   defined 65535 0.0 deg C   uint 16	1141024 D /141	Mank alask Thomaday French 4 askersink	0	CEEDE	CEE2E 0.4 de - C		·
Thermostat target temperature   Exception 120-22.0 deg C. If event not defined 65353 OFFFF.		· · · · · · · · · · · · · · · · · · ·			_		
Words RVW   Week-clock Thursday Event 3 time   0   8235   0   825   0   825   0   10   10   10   10   10   10   10	1WU32 R/W	week-clock Thursday Event 2 time	U	34208	o min	uintib	
Week-clock Thursday Event 3 time	1)4/022 D/\4	Mank alask Thursday Fyort 2 saturaint	0	CEESE	CEE3E 0.1 doc.C	:	·
No.	<u>-</u>	· · · · · · · · · · · · · · · · · · ·					
Week-clock Thursday Event 4 time	10034 K/W	Week-clock mursuay Event 5 time	U	34206	O IIIIII	ullitto	
Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not 1   MS8-0 event not in use, MS8=1 event in use. LS8=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoin	1W035 R/W	Week-clock Thursday Event 3 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
Words R/W   Week-clock Thursday Event 4 setpoint   0   65535   65535 0.1 deg C   wint16   MSB=0 event not in use, MSB=1 event in use LSBs=Time in minutes i.e. 22.25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not defined 65535 0.0 feff C   wint16   MSB=0 event not in use, MSB=1 event in use LSBs=Time in minutes i.e. 22.25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not defined 65535 0.0 feff C   wint16   MSB=0 event not in use, MSB=1 event in use LSBs=Time in minutes i.e. 22.25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not in WO-4 R/W   Week-clock Friday Event 2 time   0   34208   0 min   wint16   MSB=0 event not in use, MSB=1 event in use LSBs=Time in minutes i.e. 22.25 = Thermostat target temperature i.e. setpoint 220-22.0 deg C. If event not defined 65535 0.0 feff C   wint16   defined 65535 0.0 feff C   wint16   wint26	1W036 R/W	Week-clock Thursday Event 4 time	0	34208	0 min	uint16	
1   1   1   1   1   1   1   1   1   1	1W037 R/W	Week-clock Thursday Event 4 setpoint	0	65535	65535 0.1 deg C	uint16	
Thermosta target temperature i.e. setpoint 220-22.0 deg C. if event not defined 65535 0xFFFF.		·					
1W039 R/W	•	,					
10041 R/W   Week-clock Friday Event 1 setpoint   0   65535   65535 0.1 deg C   wint16   defined 65535 0KFFF.     10043 R/W   Week-clock Friday Event 2 setpoint   0   65535   65535 0.1 deg C   wint16   defined 65535 0KFFF.     10043 R/W   Week-clock Friday Event 3 time   0   65535   65535 0.1 deg C   wint16   defined 65535 0KFFF.     10044 R/W   Week-clock Friday Event 3 time   0   65535   65535 0.1 deg C   wint16   defined 65535 0KFFF.     10045 R/W   Week-clock Friday Event 3 time   0   65535   65535 0.1 deg C   wint16   defined 65535 0KFFF.     10046 R/W   Week-clock Friday Event 4 time   0   34208   0 min   wint16   MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0KFFF.     10047 R/W   Week-clock Friday Event 4 setpoint   0   65535   65535 0.1 deg C   wint16   defined 65535 0KFFF.     10048 R/W   Week-clock Friday Event 4 setpoint   0   65535   65535 0.1 deg C   wint16   defined 65535 0KFFF.     10049 R/W   Week-clock Friday Event 5 setpoint 200=22.0 deg C. If event not defined 65535 0KFFF.     10049 R/W   Week-clock Friday Event 5 setpoint   0   65535   65535 0.1 deg C   wint16   defined 65535 0KFFF.     10049 R/W   Week-clock Saturday Event 1 time   0   34208   0 min   wint16   defined 65535 0KFFF.     10050 R/W   Week-clock Saturday Event 1 setpoint   0   65535   65535 0.1 deg C   wint16   defined 65535 0KFFF.     10051 R/W   Week-clock Saturday Event 2 time   0   34208   0 min   wint16   wint16   defined 65535 0KFFF.     10051 R/W   Week-clock Saturday Event 2 time   0   34208   0 min   wint16   defined 65535 0KFFF.     10051 R/W   Week-clock Saturday Event 2 time   0   34208   0 min   wint16   MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0KFFF.     10051 R/W   Week-clock Saturday Event 2 time   0   34208   0 min   wint16   MSB=0 event not in use, MSB=1 event in use. LS	1W039 R/W	Week-clock Thursday Event 5 setpoint	0	65535	65535 0.1 deg C	uint16	
1	1W040 R/W	Week-clock Friday Event 1 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
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Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65335 0xFFF.   Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65335 0xFFF.			0				
1	1W042 R/W	Week-clock Friday Event 2 time	0	34208	0 min	uint16	
Week-clock Friday Event 3 time							·
Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W046 R/W Week-clock Friday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W048 R/W Week-clock Friday Event 4 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W048 R/W Week-clock Friday Event 5 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1 work and the set of the s		· · · · · · · · · · · · · · · · · · ·			_		
1W046 R/W Week-clock Friday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W048 R/W Week-clock Friday Event 5 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W049 R/W Week-clock Friday Event 5 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W050 R/W Week-clock Saturday Event 1 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W051 R/W Week-clock Saturday Event 1 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W052 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W054 R/W Week-clock Saturday Event 3 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W054 R/W Week-clock Saturday Event 3 time 0 34208 0 min uint16 defined 65535 0xFFFF.  1W056 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W057 R/W Week-clock Saturday Event 4 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.	1W044 R/W	Week-clock Friday Event 3 time	0	34208	0 min	uint16	·
Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W048 R/W Week-clock Friday Event 5 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W050 R/W Week-clock Saturday Event 1 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in Horse in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in Horse in WSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat tar	1W045 R/W	Week-clock Friday Event 3 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W048 R/W Week-clock Friday Event 5 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W049 R/W Week-clock Saturday Event 1 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W051 R/W Week-clock Saturday Event 1 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W052 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W053 R/W Week-clock Saturday Event 2 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W053 R/W Week-clock Saturday Event 2 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 defined 65535 0xFFFF.  1W057 R/W Week-clock Saturday Event 4 time 0 65535 05535 0.1 deg C uint16 defined 65535 0xFFFF.	1W046 R/W	Week-clock Friday Event 4 time	0	34208	0 min	uint16	
Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W050 R/W Week-clock Saturday Event 1 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W051 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W052 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W054 R/W Week-clock Saturday Event 3 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W054 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C 1W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min 0 1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min 0 1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min 0 1W056 R/W Week-clock Saturday Event 4 time 0 5535 0 5535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week-clock Saturday Event 4 time 0 65535 0 65535 0.1 deg C 1W056 R/W Week	1W047 R/W	Week-clock Friday Event 4 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W050 R/W Week-clock Saturday Event 1 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1 W051 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 defined 65535 0xFFFF.  1W051 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1 W051 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 defined 65535 0xFFFF.  1W054 R/W Week-clock Saturday Event 3 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1 W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1 W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1 W057 R/W Week-clock Saturday Event 4 setpoint 0 65535 0.1 deg C uint16 defined 65535 0xFFFF.	1W048 R/W	Week-clock Friday Event 5 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
1W050 R/W Week-clock Saturday Event 1 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W051 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W053 R/W Week-clock Saturday Event 2 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W054 R/W Week-clock Saturday Event 3 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not Uint16 defined 65535 0xFFFF.  1W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not Uint16 defined 65535 0xFFFF.  1W057 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not Uint16 defined 65535 0xFFFF.							Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not  1W051 R/W Week-clock Saturday Event 1 setpoint 0 65535 05535 0.1 deg C uint16 defined 65535 0xFFFF.  1W052 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not  1W053 R/W Week-clock Saturday Event 3 time 0 65535 0535 0.1 deg C uint16 defined 65535 0xFFFF.  1W054 R/W Week-clock Saturday Event 3 time 0 65535 0535 0.1 deg C uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not  1W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not  MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not  MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not  MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not  1W057 R/W Week-clock Saturday Event 4 setpoint 0 65535 0.1 deg C uint16 defined 65535 0xFFFF.	1W049 R/W	Week-clock Friday Event 5 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W052 R/W Week-clock Saturday Event 2 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W054 R/W Week-clock Saturday Event 3 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not wint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not uint16 defined 65535 0xFFFF.	1W050 R/W	Week-clock Saturday Event 1 time	0	34208	0 min	uint16	·
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1W053 R/W Week-clock Saturday Event 2 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W054 R/W Week-clock Saturday Event 3 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W057 R/W Week-clock Saturday Event 4 setpoint 0 65535 0.1 deg C uint16 defined 65535 0xFFFF.	1W052 R/W	Week-clock Saturday Event 2 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
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Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.  1W057 R/W Week-clock Saturday Event 4 setpoint 0 65535 0.1 deg C uint16 defined 65535 0xFFFF.	1W053 R/W	Week-clock Saturday Event 2 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W055 R/W Week-clock Saturday Event 3 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.  1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W057 R/W Week-clock Saturday Event 4 setpoint 0 65535 0.1 deg C uint16 defined 65535 0xFFFF.	1W054 R/W	Week-clock Saturday Event 3 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
1W056 R/W Week-clock Saturday Event 4 time 0 34208 0 min uint16 MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 = Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not 1W057 R/W Week-clock Saturday Event 4 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.							Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.	1W055 R/W	Week-clock Saturday Event 3 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W057 R/W Week-clock Saturday Event 4 setpoint 0 65535 65535 0.1 deg C uint16 defined 65535 0xFFFF.	1W056 R/W	Week-clock Saturday Event 4 time	0	34208	0 min	uint16	
	1W057 R/W	Week-clock Saturday Event 4 setpoint	0	65535	65535 0.1 deg C	uint16	·
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1W059 R/W	Week-clock Saturday Event 5 setpoint	0	65535	65535 0.1 deg C	uint16	Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not defined 65535 0xFFFF.
100000 10,00	Week-clock Saturday Event 5 Setponit	O	03333	03333 0.1 deg C	diffe	defined 05555 0x1111.
1W060 R/W	Week-clock Sunday Event 1 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W061 R/W	Week-clock Sunday Event 1 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W062 R/W	Week-clock Sunday Event 2 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W063 R/W	Week-clock Sunday Event 2 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W064 R/W	Week-clock Sunday Event 3 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W065 R/W	Week-clock Sunday Event 3 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W066 R/W	Week-clock Sunday Event 4 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W067 R/W	Week-clock Sunday Event 4 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
1W068 R/W	Week-clock Sunday Event 5 time	0	34208	0 min	uint16	MSB=0 event not in use, MSB=1 event in use. LSBs=Time in minutes i.e. 22:25 =
						Thermostat target temperature i.e. setpoint 220=22.0 deg C. If event not
1W069 R/W	Week-clock Sunday Event 5 setpoint	0	65535	65535 0.1 deg C	uint16	defined 65535 0xFFFF.
Other global settings						
20000 R/W	Room regulation temp setpoint minimun	10	390	50 0.1 deg C	uint16	1-39C, default 5 C
20001 R/W	Room regulation temp setpoint maximum	20	400	400 0.1 deg C	uint16	2-40C, default 40 C
20002 R/W	Alarm min temperature	10	390	50 0.1 deg C	uint16	1-39C, default 5 C
20003 R/W	Alarm max temperature	20	400	400 0.1 deg C	uint16	2-40C, default 40 C
30000 R/W	System cooling mode	0	1	0	uint16	0=heating mode, 1=cooling mode

Address 3x R	Register name	Min	Max	Default	Unit	Format	Description
System status registe	ers						
system status registe							
1 R	Global Pump State	0		1		uint16	0=off, 1=on
2 R	Global Boiler State	0		1		uint16	0=off, 1=on
3 R	Global Cooling State	0		1		uint16	0=off, 1=on
4 R	Number or Room units in system	0		64		uint16	
5 R	Number of Control units in system	1		8		uint16	
Section status registo	ers. Section is CU number. Replace S with SECT1=C	U1=1, SECT2=CU2=2	2, SECT8:	=CU8=8			
							bit 0 = Zone error, bit 1 = CU communication timeout, bit 2 = RFLU
							communication error, bit 3 = actuator fuse blown error.
00S01 R	CU alarms					uint16	
00S02 R	Setback switch state	0		1		uint16	0=switch open, 1=switch closed
00S03 R	Heating/cooling switch state	0		1		uint16	0=switch open, 1=switch closed
00S04 R	Section link quality	0	1	100	%	uint16	
00S05 R	CU Software version					uint16	major.minor
00S06 R	CU serial number LSB 16 bits					uint16	
00S07 R	CU serial number MSB 16 bits					uint16	
00S08 R	Zone number that uses actuator 1					uint16	0=none, 1-8=zone
00S09 R	Zone number that uses actuator 2					uint16	0=none, 1-8=zone
00S10 R	Zone number that uses actuator 3					uint16	0=none, 1-8=zone
00S11 R	Zone number that uses actuator 4					uint16	0=none, 1-8=zone
00S12 R	Zone number that uses actuator 5					uint16	0=none, 1-8=zone
00S13 R	Zone number that uses actuator 6					uint16	0=none, 1-8=zone
00S14 R	Zone number that uses actuator 7					uint16	0=none, 1-8=zone
00S15 R	Zone number that uses actuator 8					uint16	0=none, 1-8=zone
00S16 R	Bypass currently active in actuators					uint16	bit 0=actuator 1bit7=actuator 8, 0=inactive, 1=active
00S17 R	Section data has been synced					uint16	0=no, 1=yes
00S18 R	Incoming water temperature	-32768	327	767	0.1 deg C	int16	if no sensor present return -32767
00S19 R	Outcoming water temperature	-32768	327	767	0.1 deg C	int16	if no sensor present return -32767
00S20 R	NC/NO switch state	0		1		uint16	0=NC Normally Closed, 1=NO Normally Open
00S21 R	OTA packet SW version					uint16	major.minor
00S22 R	CU HW type	0	655	35		uint16	1=CU8
							Zones 1-8 belong to the CU1, Zones 9-16 to the CU2 and so on. If all Zones of a
							CU are not used the remaining ones are skipped. For example 1st and 2nd RU in
Zone (room) status r	egisters. Replace ZZ with zone number ZONE1=10,	Zone2=11, Zone64=	=73				1st CU are Zones 1 and 2, 3rd and 4th RUs in 2nd CU are Zones 9 and 10.
0ZZ01 R	RU SW version				major.minor	uint16	
0ZZ02 R	Room temperature	-32768	327	767	0.1 deg C	int16	room sensor error return -32767
0ZZ03 R	Floor temperature	-32768	327	767	0.1 deg C	int16	if no sensor present return -32767
0ZZ04 R	Battery level	0	1	100	%	uint16	
0ZZ05 R	Link Quality	0		100	%	uint16	
0ZZ06 R	Zone is defined in CU	0		1		uint16	0=no, 1=yes
0ZZ07 R	Regulation output	0	1	100	%	uint16	PI regulation output

						error, bit 3=Battery low, bit 4=connected CU actuator fuse blown, bit 5=dew
0ZZ08 R	Zone Alarms	0	65535		uint16	point limitation error (either problem with RH or outgoing water temp)
0ZZ09 R	Heat Status	0	1		uint16	0= no heating, 1=heating active
						220 is 22 C. This shows currently active setpoint, coming either from home,
0ZZ10 R	Current setpoint in use	0	400	0.1 deg C	uint16	away or schedule mode
0ZZ11 R	Relative humidity	0	100	%	uint16	Relative humidity if RH sensor present. If sensor not present return 65535.
						bit 0=floor max limit activated (1), bit 1=floor min limit activated, bit 2=Dew
0ZZ12 R	Zone limits	0	65535		uint16	point limit activated.
0ZZ13 R	Hop count to master				uint16	Number of RF hops to master e.g. 2 RU-REPE-CU
0ZZ14 R	OTA progress	0	100		uint16	
0ZZ15 R	RU HW type	0	65535		uint16	1=7seg, 2=knob

bit 0=room sensor error, bit 1=RU-CU communication error, bit 2=floor sensor

		Zone	ZZ	in register
CU1	C1.1		1	10
	C1.2		2	11
	C1.3		3	12
	C1.4		4	13
	C1.5		5	14
	C1.6		6	15
	C1.7		7	16
	C1.8		8	17
CU2	C2.1		9	18
	C2.2		10	19
	C2.3		11	20
	C2.4		12	21
	C2.5		13	22
	C2.6		14	23
	C2.7		15	24
	C2.8		16	25
CU3	C3.1	:	17	26
	C3.2		18	27
	C3.3		19	28
	C3.4	:	20	29
	C3.5	:	21	30
	C3.6	;	22	31
	C3.7	:	23	32
	C3.8		24	33
CU4	C4.1		25	34
	C4.2		26	35
	C4.3		27	36
	C4.4	:	28	37
	C4.5	:	29	38
	C4.6	;	30	39
	C4.7	;	31	40
	C4.8		32	41