	Carel	Modbus	Description	Unit	Read -	Min value	Max Value
1			Description			Willi Value	max value
1			DIGITAL VARIABLES (COILS)				
2 3 Compressor CN-29% seps	0						
3					r		
4 S Compressor 1 TSM sapp F							
5 6 Compressor 1 (10%) steps							
6							
7							
8 9 Compressor 279% step 9 10 Compressor 279% step 10 11 11 Uguid solerout valve crount 1 11 12 Uguid solerout valve crount 2 11 12 13 Purp 1 co 11 17 19 Purp 1 co 11 17 19 Purp 2 co 11 17 19 Purp 2 co 11 17 19 Purp 2 co 11 19 Purp 2 co 12 19 Purp 2 co 12 19 Purp 2 co 13 19 Purp 2 co 14 19 Purp 2 co 15 19 Purp 2 co 16 19 Purp 2 co 17 19 Purp 2 co 17 19 Purp 2 co 18 19 Purp 2 co 19 Pur							
9							
10							
11							
13			·				
14	12	13	Pump 1 on		r		
15	13	14	Pump 2 on		r		
Fig.	14	15			r		
17	15	16	Antifreeze heaters (option)		r		
18	16	17			r		
19					r		
20							
21				1			
22							
23			 	-			
244 25			Low power consumption mode	-			
25			·				
26				-			
27							
28				1			
30 31 Low Pressure 2 PreAlarm (Autom.Reset)			·				
31 32 Low Pressure 1 Alarm					r		
32 33 Low Pressure Z Alarm	30	31	Low Pressure 2 PreAlarm (Autom.Reset)		r		
33 34 High Pressure 2 Alarm	31	32	Low Pressure 1 Alarm		r		
34 35 High Pressure Z Alarm	32	33	Low Pressure 2 Alarm		r		
35 36 Compressor 1 Overload Alarm					r		
36 37 Compressor 2 Overload Alarm					r		
37 38 Compressor 1 Integral protection Alarm			·				
38 39 Compressor 2 Integral protection Alarm			·				
39 40 Oil differential pressure 1 Alarm							
40							
41			·				
42			·				
43					-		
45							
46			Antifreeze 2 Alarm				
47 48 Circulating Pump 1 Overload Alarm r 48 49 Circulating Pump 2 Overload Alarm r 49 50 r 50 51 Interrupted LAN Alarm r 51 52 Water Inlet Temp. Sensor Failure/Disconnected r 52 53 Water Outlet Temp. Sensor Failure/Disconnected r 53 54 Water Tank Temp. Sensor Failure/Disconnected r 54 55 r 55 56 Condensing 1 Temp. Sensor Failure/Disconnected r 57 Condensing 2 Temp. Sensor Failure/Disconnected r 57 58 Evaporating 1 Press. Sensor Failure/Disconnected r 58 59 Evaporating 1 Press. Sensor Failure/Disconnected r 59 60 Summer/Winter mode remote control r 60 61 Unit Remote Switch-On/Off Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 63 64 Set	45	46			r		
48	46	47			r		
1	47	48	Circulating Pump 1 Overload Alarm		r		
50 51 Interrupted LAN Alarm	48	49	Circulating Pump 2 Overload Alarm		r		
51 52 Water Inlet Temp. Sensor Failure/Disconnected r 52 53 Water Outlet Temp. Sensor Failure/Disconnected r 53 54 Water Tank Temp. Sensor Failure/Disconnected r 54 55 r 55 56 Condensing 1 Temp. Sensor Failure/Disconnected r 56 57 Condensing 2 Temp. Sensor Failure/Disconnected r 57 58 Evaporating 1 Press. Sensor Failure/Disconnected r 58 59 Evaporating 2 Press. Sensor Failure/Disconnected r 59 60 Summer/Winter mode remote control r/w 0 60 61 Unit Remote Switch-On/Off Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 62 63 Pump 1-2 Switch-over remote control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 66 67 No. Of					r		
52 53 Water Outlet Temp. Sensor Failure/Disconnected r 53 54 Water Tank Temp. Sensor Failure/Disconnected r 54 55 r 55 56 Condensing 1 Temp. Sensor Failure/Disconnected r 56 57 Condensing 2 Temp. Sensor Failure/Disconnected r 57 58 Evaporating 1 Press. Sensor Failure/Disconnected r 58 59 Evaporating 2 Press. Sensor Failure/Disconnected r 59 60 Summer/Winter mode remote control r/w 0 60 61 Unit Remote Switch-On/Off Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 <td></td> <td></td> <td></td> <td></td> <td>r</td> <td></td> <td></td>					r		
53 54 Water Tank Temp. Sensor Failure/Disconnected r 54 55 r 55 56 Condensing 1 Temp. Sensor Failure/Disconnected r 56 57 Condensing 2 Temp. Sensor Failure/Disconnected r 57 58 Evaporating 1 Press. Sensor Failure/Disconnected r 58 59 Evaporating 2 Press. Sensor Failure/Disconnected r 59 60 Summer/Winter mode remote control r/w 60 61 Unit Remote Switch-On/Off Control r/w 61 62 Buzzer and Alarm Remote Reset Control r/w 61 62 Buzzer and Alarm Remote control r/w 63 64 Set Back Mode (Sleep Mode) r/w 64 65 Reserved variable r/w 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 66 67 No. Of Stand-by Units: one (0) / two (1) r 68 69 Presence of the 2nd water pump r 69 70 Gener							
54 55 r <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>				1			
55 56 Condensing 1 Temp. Sensor Failure/Disconnected r 56 57 Condensing 2 Temp. Sensor Failure/Disconnected r 57 58 Evaporating 1 Press. Sensor Failure/Disconnected r 58 59 Evaporating 2 Press. Sensor Failure/Disconnected r 59 60 Summer/Winter mode remote control r/w 0 60 61 Unit Remote Switch-On/Off Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 62 63 Pump 1-2 Switch-over remote control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r 68 69 Presence of the 2nd water pump r 69 70 General Alarm State r			Water Lank Temp. Sensor Failure/Disconnected				
56 57 Condensing 2 Temp. Sensor Failure/Disconnected r 57 58 Evaporating 1 Press. Sensor Failure/Disconnected r 58 59 Evaporating 2 Press. Sensor Failure/Disconnected r 59 60 Summer/Winter mode remote control r/w 0 60 61 Unit Remote Switch-On/Off Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 62 63 Pump 1-2 Switch-over remote control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r 68 69 Presence of the 2nd water pump r 69 70 General Alarm State r			Condensing 1 Temp. Sensor Failure/Disconnected	-			
57 58 Evaporating 1 Press. Sensor Failure/Disconnected r 58 59 Evaporating 2 Press. Sensor Failure/Disconnected r 59 60 Summer/Winter mode remote control r/w 0 60 61 Unit Remote Switch-On/Off Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 62 63 Pump 1-2 Switch-over remote control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r 67 68 Water tank range r 68 69 Presence of the 2nd water pump r 69 70 General Alarm State r							
58 59 Evaporating 2 Press. Sensor Failure/Disconnected r 59 60 Summer/Winter mode remote control r/w 0 60 61 Unit Remote Switch-On/Off Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 62 63 Pump 1-2 Switch-over remote control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r r 67 68 Water tank range r r 69 70 General Alarm State r r			g !				
59 60 Summer/Winter mode remote control r/w 0 60 61 Unit Remote Switch-On/Off Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 62 63 Pump 1-2 Switch-over remote control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r r 67 68 Water tank range r r 68 69 Presence of the 2nd water pump r 69 70 General Alarm State r							
60 61 Unit Remote Switch-On/Off Control r/w 0 61 62 Buzzer and Alarm Remote Reset Control r/w 0 62 63 Pump 1-2 Switch-over remote control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r r 67 68 Water tank range r r 68 69 Presence of the 2nd water pump r r 69 70 General Alarm State r						0	1
61 62 Buzzer and Alarm Remote Reset Control r/w 0 62 63 Pump 1-2 Switch-over remote control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r r 67 68 Water tank range r r 68 69 Presence of the 2nd water pump r r 69 70 General Alarm State r							1
62 63 Pump 1-2 Switch-over remote control r/w 0 63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r 67 68 Water tank range r 68 69 Presence of the 2nd water pump r 69 70 General Alarm State r							1
63 64 Set Back Mode (Sleep Mode) r/w 0 64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r r 67 68 Water tank range r r 68 69 Presence of the 2nd water pump r r 69 70 General Alarm State r r							1
64 65 Reserved variable r/w 0 65 66 Usage of Temp. Values: Local (0) / Mean (1) r/w 0 66 67 No. Of Stand-by Units: one (0) / two (1) r r 67 68 Water tank range r r 68 69 Presence of the 2nd water pump r r 69 70 General Alarm State r							1
66 67 No. Of Stand-by Units: one (0) / two (1) r 67 68 Water tank range r 68 69 Presence of the 2nd water pump r 69 70 General Alarm State r		65			r/w	0	1
67 68 Water tank range r 68 69 Presence of the 2nd water pump r 69 70 General Alarm State r	65	66	Usage of Temp. Values: Local (0) / Mean (1)		r/w	0	1
68 69 Presence of the 2nd water pump r 69 70 General Alarm State r	66	67			r		
69 70 General Alarm State r	67	68	-		r		
			· ·		r		
70 71 2nd Level Alarm State					r		
	70	71	2nd Level Alarm State		r		
71 72 Circuit 1 Pump-down Failed r			·		r		
72 73 Circuit 2 Pump-down Failed r			·	1			
73 74 Not used r	73	74	Not used		r		

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		MPZUII – BIG CHILLER WATER-WATER			1	
74	75	Not used		r		
75	76	High condensing temperature 1		r		
76	77	High condensing temperature 2		r		
77	78	Not used		r		
78	79	Not used		r		
79	80			r		
80	81	Compressor 1 hour counter		r		
		·				
81	82	Compressor 2 hour counter		r		
82	83	Circulating Pump 1 hour counter		r		
83	84	Circulating Pump 2 hour counter		r		
		Shoulding I diny 2 hour country				
84	85			r		
85	86	Low power request		r/w	0	1
86	87	Loss of water flow Alarm – Cond. circ. 1		r		
87	88	Loss of water flow Alarm – Cond. Circ. 2		r		
88	89	Cond.C1 Water Inlet Temp. Sensor Failure/Discon.		r		
89	90	Cond.C2 Water Inlet Temp. Sensor Failure/Discon.		r		
90	91	Cond.C1 Water Output Temp.Sensor Failure/Discon.		r		
91	92	Cond.C2 Water Output Temp. Sensor Failure/Discon.		r		
92	93	Cond.Circ.1 - Water inlet High Temperature Alarm		r		
93	94	Cond.Circ.2 - Water inlet High Temperature Alarm		r		
94	95	Cond.Circ.1 - Water inlet Low Temperature Alarm		r		
95	96	Cond.Circ.2 - Water inlet Low Temperature Alarm		r		
		·				
96	97	Loss of water flow Prealarm	<u> </u>	r		
97	98	Loss of water flow Prealarm – Cond. circ. 1		r		
98	99	Loss of water flow Prealarm – Cond. Circ. 2		r		
99	100	Oil differential pressure 1 Prealarm		r		
100	101	Oil differential pressure 2 Prealarm		r		
101	102	Fase sequence prealarm		r		
		· · ·				
102	103	Fase sequence alarm		r		
103	104	Compressor 1 Minimun running time not observed		r		
104	105	Compressor 2 Minimun running time not observed		r		
105	106	Board 2 disconnected				
				r		
106	107	Circuit 1 EXV Driver offline or Tlan failure		r		
107	108	Circuit 2 EXV Driver offline or Tlan failure		r		
108	109	Reserved		r		
109	110	Reserved		r		
110	111	Circuit 1 EXV Driver general alarm		r		
111	112	Circuit 2 EXV Driver general alarm		r		
		· · · · · · · · · · · · · · · · · · ·				
112	113	DischargeTemp. Sensor Failure/Disconnected Comp.1		r		
113	114	DischargeTemp. Sensor Failure/Disconnected Comp.2		r		
114	115	Liquid refrigerant Temp. Sensor Failure/Disconnected Comp.1		r		
115	116	Liquid refrigerant Temp. Sensor Failure/Disconnected Comp.2		r		
116	117	Line 1 Active (Optional Power supply motorized main switch)		r		
117	118	Line 2 Active (Optional Power supply motorized main switch)		r		
118	119	PowerSupply Failure (Line 1 and Line 2)		r		
119	120	Reset IG Socomec (Optional Power supply motorized main switch)		r/w	0	1
120	121	Quick start (emergency recovery)		r		
121	122	Unit type (0=BRW/H; 1=BRRC)		r		
122	123	Low temperature condensing pressure control: Pressostatic Valves Fitted				
				r		
123	124	Screw Compressors option (0=Liquid Injection 1=ECO + Subcooling)		r		
124	125	Screw Compressors (0 = Standard; 1 = Extended limit)		r		
125	126	Unit BRRC:fans speed condensing regulation fitted		r		
		, , , , , , , , , , , , , , , , , , , ,				
126	127	Loss of water flow Alarm reset mode (0 = Manual; 1= Automatic)		r		
127	128	Aux Always Powered		r		
128	129	Electric Heaters Fuse F1 Fault		r		
129	130					
<u> </u>	.00	ANIAL GO MARIARI 70 (110) RING		<u> </u>	<u> </u>	
		ANALOG VARIABLES (HOLDING or INPUT REGISTERS) (all values x	10)			
0	1	Not used	-	-		
1	2	Evaporator Water Outlet Temperature	°C	r		
		·				
2	3	Evap. Water Outlet Temp. used by regulator	°C	r		
3	4	Evap. Water Inlet Temperature	°C	r		
4	5	Evap. Water Tank Temperature	°C	r		
5	6	-				
		O'				
6	7	Circuit 1 Condensing Temperature	°C	r		
7	8	Circuit 2 Condensing Temperature	°C	r		
8	9	Circuit 1 Evaporating Temperature	°C	r		
			°C			
9	10	Circuit 2 Evaporating Temperature		r		
10	11	Circuit 1 Condensing Pressure	Bar	r		
11	12	Circuit 2 Condensing Pressure	Bar	r		
12	13	Circuit 1 Evaporating Pressure	Bar	r		
13	14	Circuit 2 Evaporating Pressure	Bar	r		
14	15	Discharge temperature compressor 1	°C	r		
15	16	Discharge temperature compressor 2	°C	r		
16	17	Press.Valve Ramp or Fans speed regulation (circuit 1) (0-100%)	%	r		
17	18	Press.Valve Ramp or Fans speed regulation (circuit 2) (0-100%)	%	r		
18	19	Delivery Water Temp. Actual Set Point	°C	r		
19	20	Delivery Water Temp. Max. Hysteresi	°C	r		

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	1	mP20II – BIG CHILLER WATER-WATER			1	
20	21	Serial Transmission Offset	°C	r/w	0,1	
21	22	Delivery Water Temp. Summer STD Set Point	°C	r/w	6.0 (2)	13.0 (2)
22	23	Delivery Water Temp. Summer OPT Set Point	°C	r/w	6.0 (2)	13.0 (2)
23	24	Del.Water T. Summer SetBack mode SetP.	°C	r/w	6.0 (2)	13.0 (2)
			°C			
24	25	Delivery Water Temp. Winter Set Point		r/w	28,0	53.0 - 60,0
25	26	Del.Water T. Winter SetBack mode SetP C1	°C	r/w	28,0	53.0 - 60,0
26	27	CW inlet High Temp.Summer Alarm Threshold	°C	r/w	-15,0	25,0
27	28	CW inlet Low Temp.Summer Alarm Threshold	°C	r/w	-15,0	25,0
28	29	CW1 inlet High Temp. Alarm Winter Threshold	°C	r/w	30,0	62,0
			°C		·	
29	30	CW1 inlet Low Temp. Alarm Winter Threshold		r/w	20,0	50,0
30	31		°C	r/w	-10,0	45,0
31	32		°C	r/w	6.0 (2)	13.0 (2)
32	33		°C	r/w	-10,0	45,0
33	34		°C	r/w	·	15,0
					-10,0	·
34	35	Del.Water T. Winter SetBack mode SetP C1	°C	r/w	28,0	53.0 - 60,0
35	36		°C	r/w	-10,0	15,0
36	37		°C	r/w	3,0	9,9
37	38	Condensator Circ.1 Water Outlet Temperature	°C	r	-,-	
38	39	Condensator Circ.1. Water Inlet Temperature	°C	r		
		· · · · · · · · · · · · · · · · · · ·				
39	40	Condensator Circ.2 Water Outlet Temperature	°C	r		
40	41	Condensator Circ.2. Water Inlet Temperature	°C	r		
41	42	Del.Water T. Winter SetBack mode SetP C1	°C	r/w	28,0	53.0 - 60.0
42	43	CW2 inlet High Temp. Alarm Winter Threshold	°C	r/w	·	62,0
		• .			30,0	
43	44	CW2 inlet High Temp. Alarm Winter Threshold	°C	r/w	20,0	50,0
					•••	
60	61	Circuit 1 Superheating	°C	r		
61	62	Circuit 2 Superheating	°C	r		
62	63	Circuit 1 Suction Pressure	°C	r		
63	64	Circuit 2 Suction Pressure	°C	r		
64	65	Circuit 1 Suction Temperature	°C	r		
65	66	Circuit 2 Suction Temperature	°C	r		
		·				
66	67	Circuit 1 Liquid temperature	°C	r		
67	68	Circuit 2 Liquid temperature	°C	r		
68	69					
69	70					
70	71	EXV PID Superheat Setpoint	°C	r		
71	72	EXV PID Superheat Proportional Gain	°C	r		
72	73	EXV PID Superheat derivative time	°C	r		
73	74	EXV PID Superheat Dead zone	°C	r		
		·				
74	75	EXV Low superheat threshold	°C	r		
75	76	EXV Costant time low superheat	°C	r		
76	77	EXV MOP threshold	°C	r		
77	78	EXV LOP threshold	°C	r		
78	79	EXV Costant time threshold	°C			
				r		
79	80	EXV Costant time threshold	°C	r		
80	81	Reserved (Advanced antifreezed set)	°C	r		
81	82	Fans speed Temperature cond. ON	°C	r		
82	83	Fans speed Temperature cond. OFF	°C	r		
		· · ·				
83	84	Fans speed Temperature cond. Begin	°C	r		
84	85	Fans speed Temperature cond. End	°C	r	<u> </u>	
85						
	VADIADIE	S (HOLDING or INPUT REGISTERS)				
0	129	Not Used	-	-		
1	130	Compressor 1 hour counter	h	r	<u> </u>	
2	131	Compressor 2 hour counter	h	r		
3	132	Circulating Pump 1 hour counter	h	r		
4	133	Circulating Pump 2 hour counter	h	r		
		Oncomating 1 unity 2 noun counter	- 11	1		
5	134					
6	135	Compressor 1 Starting counter	h	r		
7	136	Compressor 1 Starting counter x10.000	nx10 ⁴	r		
8	137	Compressor 2 Starting counter	n	r		
9		-				
	138	Compressor 2 Starting counter x10.000	nx10 ⁴	r		
10	139	 		<u></u>	<u> </u>	<u> </u>
11	140					
12	141					
13	142					
14	143					
15	144					
16	145					
17	146					
		Link Time (A. CTD Chilles A. Levy Terre Ch. C. Link D. 11)				
18	147	Unit Type (0= STD Chiller, 1=Low Temp. Ch., 2=Heat Pump)	n	ŗ		
19	148	Circulating Pump Config. (0,1 or 2 Pumps)	n	r		
	149	Total of units connected in LAN	n	r		
20				r		1
	150	ICOMD.1 Status (U=Ott.1=On.2=AL.3=Pump Down)	n			
21	150	Comp.1 Status (0=Off,1=On,2=AL,3=Pump.Down)	n			
21 22	151	Comp.2 Status	n	r		
21 22 23		Comp.2 Status Comp.1 Step Status				
21 22	151	Comp.2 Status	n	r		

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		mP20II – BIG CHILLER WATER-WATER				
25	154	Pump 1 Status	n	r		
26	155	Pump 2 Status	n	r		
27	156					
28	157	Actual set Point mode (0=std, 2=OPT SetP., 3=Setback SetP., 4=Remote Offset	n	r		
29	158					
30	159					
31	160					
32	161	Restart Delay	S	r/w	0	300
33	162	Regulation Start Transitory	S	r/w	15	99
34	163	Low Pressure Delay	S	r/w	0	300
35	164	Water High/Low Temp. Alarm Delay	min	r/w	0	99
36	165	Excursion time	S	r/w	5	900
37	166	Stand-by Unit Switch-over time	h	r/w	0	999
38	167	Run-Stand-by pump switch-over time	Н	r/w	1	99
39	168	Setback Mode Cyclical start	Min	r/w	15	99
40	169	Compr.1 working hours threshold	h *100	r/w	0	320
41	170	Compr.2 working hours threshold	h *100	r/w	0	320
42	171	Pump 1 working hours threshold	h *100	r/w	0	320
43	172	Pump 2 working hours threshold	h *100	r/w	0	320
44	173					
45	174	Reserved		r		
46	175	Reserved		r		
47	176					
48	177					
60	189	Reserved (Valve type)				
61	190	Reserved (Unit size)				
62	191					
63	192					
64	193	Reserved (Cond. Mode))				
65	194					
66	195	Reserved (Serial number 1)		r		
67	196	Reserved (Serial number 2)		r		
68	197	Reserved (Serial number 3)		r		
69	198	Reserved		r		
70	199	Reserved		r		
71	200	Reserved		r		
72	201	Reserved		r		
73	202	-				
74	203	-				
75	204	-				
76	205					
77	206	-				
78	207					
79	208	Circuit 1 EXV Position	Step	r		
80	209	Circuit 2 EXV Position	Step	r		
81	210	Hour	Н	r		
82	211	Minute	Min	r		
83	212	Day	D	r		
84	213	Month	М	r		
85	214	Year	Υ	r		
86	215	Bios release		r		
87	216	boot release		r		
88	217	SW release		r		
89	218	Reserved (Aux type)		r		
90	219	Reserved (power type)		r		
91	220	UCAP in charge (time)	sec	r		
92	221	UCAP On Working (time)	sec	r		
93	222					
94	223					

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