

Supervisor parameters table

Scada convention

Analog variables

BMS Address	Description	UOM	Min	Max	Read/Write	Variable name	Modbus address	Bueeyes address	BACnet
1	Ambient humidity probe reading	%RH	-3276.8	3276.7	R	Room_Humid	1		40002 Analog Value -1
2	Pressure probe 1 reading	BAR	-3276.8	3276.7	R	Pressure1	2		40003 Analog Value -2
3	Pressure probe 2 reading	BAR	-3276.8	3276.7	R	Pressure2	3		40004 Analog Value -3
4	Ambient temp. probe reading	°C	-3276.8	3276.7	R	Room_Temp	4		40005 Analog Value -4
5	Supply temp. probe reading	°C	-3276.8	3276.7	R	Supply_Air_temp	5		40006 Analog Value -5
6	External temp. probe reading	°C	-3276.8	3276.7	R	EXT_AIR_TEMP	6		40007 Analog Value -6
7	Condens. 1 temp. probe reading	°C	-3276.8	3276.7	R	Temp_Cond1	7		40008 Analog Value -7
8	Condens. 2 temp. probe reading	°C	-3276.8	3276.7	R	Temp_Cond2	8		40009 Analog Value -8
9	Recovery water temp. probe reading	°C	-3276.8	3276.7	R	Recovery_Temp	9		40010 Analog Value -9
10	Temperature Setpoint	°C	-3276.8	3276.7	R/W	SEL_SET_TEMP	10		40011 Analog Value -10
11	Minimum limit of Temperature Setpoint	°C	-999.9	999.9	R/W	Lim_Min_Set_T	11		40012 Analog Value -11
12	Maximum limit of Temperature Setpoint	°C	-999.9	999.9	R/W	Lim_Max_Set_T	12		40013 Analog Value -12
13	Humidity Setpoint	%RH	-3276.8	3276.7	R/W	SEL_SET_HUMID	13		40014 Analog Value -13
14	Minimum limit of Humidity Setpoint	%RH	0	100.0	R/W	Lim_Min_Set_H	14		40015 Analog Value -14
15	Maximum limit of Humidity Setpoint	%RH	0	100.0	R/W	Lim_Max_Set_H	15		40016 Analog Value -15
16	Time zone Setpoint for temperature Z1	°C	-3276.8	3276.7	R/W	SET_TEMP1	16		40017 Analog Value -16
17	Time zone Setpoint for temperature Z2	°C	-3276.8	3276.7	R/W	SET_TEMP2	17		40018 Analog Value -17
18	Time zone Setpoint for temperature Z3	°C	-3276.8	3276.7	R/W	SET_TEMP3	18		40019 Analog Value -18
19	Time zone Setpoint for temperature Z4	°C	-3276.8	3276.7	R/W	SET_TEMP4	19		40020 Analog Value -19
20	Time zone Setpoint for humidity Z1	%RH	-3276.8	3276.7	R/W	SET_HUMID1	20		40021 Analog Value -20
21	Time zone Setpoint for humidity Z2	%RH	-3276.8	3276.7	R/W	SET_HUMID2	21		40022 Analog Value -21
22	Time zone Setpoint for humidity Z3	%RH	-3276.8	3276.7	R/W	SET_HUMID3	22		40023 Analog Value -22
23	Time zone Setpoint for humidity Z4	%RH	-3276.8	3276.7	R/W	SET_HUMID4	23		40024 Analog Value -23
24	Neutral temperature zone	°C	-3276.8	3276.7	R/W	DEAD_ZONE_TEMP	24		40025 Analog Value -24
25	Cooling differential	°C	0	100.0	R/W	DIFF_TEMP_COLD	25		40026 Analog Value -25
26	Heating differential	°C	0	100.0	R/W	DIFF_TEMP_HOT	26		40027 Analog Value -26
27	Humidification differential	%RH	0	100.0	R/W	DIFF_HUMID	27		40028 Analog Value -27
28	Dehumidification differential	%RH	0	100.0	R/W	diff_dehumid	28		40029 Analog Value -28
29	Maximum Temp. set compensation offset	°C	-999.9	999.9	R/W	DELTA_SETPOINT	29		40030 Analog Value -29
30	External temp. probe calibration	°C	-3276.8	3276.7	R/W	Ext_Air_Cal	30		40031 Analog Value -30
31	Condens. 1 pressure probe calibration	BAR	-3276.8	3276.7	R/W	Pressure1_Cal	31		40032 Analog Value -31
32	Condens. 2 pressure probe calibration	BAR	-3276.8	3276.7	R/W	Pressure2_Cal	32		40033 Analog Value -32
33	Humidity probe calibration	%RH	-3276.8	3276.7	R/W	Room_Humid_Cal	33		40034 Analog Value -33
34	Ambient temp. probe calibration	°C	-99.9	99.9	R/W	Room_Temp_Cal	34		40035 Analog Value -34
35	Delivery temp. probe calibration	°C	-99.9	99.9	R/W	Supply_Air_Cal	35		40036 Analog Value -35
36	Condens.1 temp. probe calibration	°C	-99.9	99.9	R/W	Temp_Cond1_Cal	36		40037 Analog Value -36
37	Condens.2 temp. probe calibration	°C	-99.9	99.9	R/W	Temp_Cond2_Cal	37		40038 Analog Value -37
38	Not used	---	-3276.8	3276.7	R/W	Analog_38_reserved	38		40039 Analog Value -38
39	Dehumid. stop temp. differential	°C	-3276.8	3276.7	R/W	DIFF_LOW_LIMIT	39		40040 Analog Value -39
40	Delivery air differential	°C	-999.9	999.9	R/W	DIFF_SUPPLY_LIM	40		40041 Analog Value -40
41	Ext. air for compensation differential	°C	-999.9	999.9	R/W	DIFFER_EXT	41		40042 Analog Value -41
42	High pressure alarm differential	BAR	-99.9	99.9	R/W	DIFF_HP_COND	42		40043 Analog Value -42
43	Condensation differential (pressure)	BAR	-99.9	99.9	R/W	FANS_DIFFER	43		40044 Analog Value -43
44	Condensation differential (temperat.)	°C	-999.9	999.9	R/W	Fans_Differ_T	44		40045 Analog Value -44
45	Max. condensation fan speed	V	0	100.0	R/W	FANS_MAX_SPEED	45		40046 Analog Value -45
46	Min. condensation fan speed	V	0	100.0	R/W	FANS_MIN_SPEED	46		40047 Analog Value -46
47	Condensation Setpoint (pressure)	BAR	-99.9	99.9	R/W	FANS_SETPOINT	47		40048 Analog Value -47
48	Condensation Setpoint (temperature)	°C	-999.9	999.9	R/W	Fans_Setpoint_T	48		40049 Analog Value -48
49	High temperature unit override differential	°C	-3276.8	3276.7	R/W	Force_Diff_High	49		40050 Analog Value -49
50	Low temperature unit override differential	°C	-3276.8	3276.7	R/W	Force_Diff_Low	50		40051 Analog Value -50
51	High temperature unit override Offset	°C	-3276.8	3276.7	R/W	Force_Offset_High	51		40052 Analog Value -51
52	Low temperature unit override Offset	°C	-3276.8	3276.7	R/W	Force_offset_Low	52		40053 Analog Value -52
53	High ambient temperature alarm offset	°C	-999.9	999.9	R/W	HIGH_ROOM_TEMP	53		40054 Analog Value -53
54	Low ambient temperature alarm offset	°C	-999.9	999.9	R/W	LOW_ROOM_TEMP	54		40055 Analog Value -54
55	High ambient humidity alarm offset	%RH	0	100.0	R/W	HIGH_ROOM_HUMID	55		40056 Analog Value -55
56	Low ambient humidity alarm offset	%RH	0	100.0	R/W	LOW_ROOM_HUMID	56		40057 Analog Value -56
57	Maximum delivery fan speed	V	-3276.8	3276.7	R/W	Lim_Max_MainFan	57		40058 Analog Value -57
58	Minimum delivery fan speed	V	-3276.8	3276.7	R/W	Lim_Min_MainFan	58		40059 Analog Value -58
59	Maximum humidifier production	%	0	100.0	R/W	Max_Prod	59		40060 Analog Value -59
60	Humidifier modulating output opening end point	V	0	10.0	R/W	Max_Speed_Hum	60		40061 Analog Value -60
61	Humidifier modulating output opening start point	V	0	10.0	R/W	Min_Speed_Hum	61		40062 Analog Value -61
62	Max. humidity probe value	%RH	0	100.0	R/W	Max_Value_Humid	62		40063 Analog Value -62
63	Min. humidity probe value	%RH	0	100.0	R/W	Min_Value_Humid	63		40064 Analog Value -63
64	Maximum pressure probe 1 value	BAR	-20.0	50.0	R/W	Max_Value_Pressure1	64		40065 Analog Value -64
65	Minimum pressure probe 1 value	BAR	-20.0	50.0	R/W	Min_Value_Pressure1	65		40066 Analog Value -65
66	Maximum pressure probe 2 value	BAR	-20.0	50.0	R/W	Max_Value_Pressure2	66		40067 Analog Value -66
67	Minimum pressure probe 2 value	BAR	-20.0	50.0	R/W	Min_Value_Pressure2	67		40068 Analog Value -67
68	Dehumidifier stop low temperature limit offset	°C	0	100.0	R/W	OFFS_LOW_LIMIT	68		40069 Analog Value -68
69	Prevent differential (pressure)	BAR	-3276.8	3276.7	R/W	PREVENT_DIFF	69		40070 Analog Value -69
70	Prevent differential (temperature)	°C	-999.9	999.9	R/W	Prevent_Diff_T	70		40071 Analog Value -70
71	Prevent Setpoint (pressure)	BAR	-99.9	99.9	R/W	PREVENT_SET	71		40072 Analog Value -71
72	Prevent Setpoint (temperature)	°C	-999.9	999.9	R/W	Prevent_Set_T	72		40073 Analog Value -72
73	Not used	---	-3276.8	3276.7	R/W	Analog_73_Reserved	73		40074 Analog Value -73
74	High pressure alarm Setpoint	BAR	-99.9	99.9	R/W	SET_HP_COND	74		40075 Analog Value -74
75	Delivery air Setpoint	°C	-999.9	999.9	R/W	Set_Supply_Lim	75		40076 Analog Value -75
76	Compensation from external air Setpoint	°C	-999.9	999.9	R/W	SETPOINT_EXT	76		40077 Analog Value -76
77	Dehumid. delivery fan speed	%RH	0	10.0	R/W	Speed_Dehumid	77		40078 Analog Value -77
78	Current value of super heat driver 1	°C	-3276.8	3276.7	R	Actual_SHeat_D1	78		40079 Analog Value -78
79	Driver 1 evaporation temperature	°C	-3276.8	3276.7	R	Saturation_Temp_D1	79		40080 Analog Value -79
80	Driver 1 intake temperature	°C	-3276.8	3276.7	R	Suction_Temp_D1	80		40081 Analog Value -80
81	Driver 1 evaporation pressure	BAR	-3276.8	3276.7	R	Suction_Press_D1	81		40082 Analog Value -81
82	Driver 1 condensation temperature	°C	-3276.8	3276.7	R	Cond_Temperature_D1	82		40083 Analog Value -82
83	Current value of super heat driver 2	°C	-3276.8	3276.7	R	Actual_SHeat_D2	83		40084 Analog Value -83
84	Driver 2 evaporation temperature	°C	-3276.8	3276.7	R	Saturation_Temp_D2	84		40085 Analog Value -84
85	Driver 2 intake temperature	°C	-3276.8	3276.7	R	Suction_Temp_D2	85		40086 Analog Value -85

86	Driver 2 evaporation pressure	BAR	-3276.8	3276.7	R	Suction_Press_D2	86	40087	Analog Value -86
87	Driver 2 condensation temperature	°C	-3276.8	3276.7	R	Cond_Temperature_D2	87	40088	Analog Value -87
88	Recovery Offset (FcW regulation)	°C	0	99.9	R/W	Offset_FcW_Rec	88	40089	Analog Value -88
89	Temperature difference (ambient - external) (FcW regulation)	°C	0	99.9	R/W	Offset_Intest_FcW_Rec	89	40090	Analog Value -89
90	Water inlet high temperature (FcW regulation)	°C	0	99.9	R/W	High_T_FcW_Rec	90	40091	Analog Value -90
91	Water inlet low temperature (FcW regulation)	°C	0	99.9	R/W	Low_T_FcW_Rec	91	40092	Analog Value -91
92	Recovery Offset (FCA-t regulation)	°C	0	99.9	R/W	Offset_FcAt_Rec	92	40093	Analog Value -92
93	External air high temperature (FCA-t regulation)	°C	0	99.9	R/W	High_T_FcAt_Rec	93	40094	Analog Value -93
94	External air low temperature (FCA-t regulation)	°C	0	99.9	R/W	Low_T_FcAt_Rec	94	40095	Analog Value -94
95	Renewal air damper output voltage	V	0	10.0	R/W	Aout6_Open_Value	95	40096	Analog Value -95
96	Enthalpic differential	Kj/Kg	-999.9	999.9	R/W	Diff_Enthalpy	96	40097	Analog Value -96
97	Maximum external humidity probe value	%RH	0	100.0	R/W	Max_Value_Humid_Ext	97	40098	Analog Value -97
98	Variable setpoint probe minimum value	°C	-99.9	99.9	R/W	Min_Value_Rem_Setp	98	40099	Analog Value -98
99	Variable setpoint probe maximum value	°C	-99.9	99.9	R/W	Max_Value_Rem_Setp	99	40100	Analog Value -99
100	Theoretical delta value (efficiency)	°C	0	10.0	R/W	Theoric_Temperature_Delta	100	40101	Analog Value -100
101	Recovery Offset (DC regulation)	°C	0	99.9	R/W	Offset_Dc_Rec	101	40102	Analog Value -101
102	High inlet temperature (DC regulation)	°C	-99.9	99.9	R/W	High_Water_In_Temp	102	40103	Analog Value -102
103	Water inlet temperature	°C	-3276.8	3276.7	R	Inlet_Water	103	40104	Analog Value -103
104	Water outlet temperature	°C	-3276.8	3276.7	R	Outlet_Water	104	40105	Analog Value -104
105	External air humidity	%RH	0	100.0	R	Ext_Air_Humid	105	40106	Analog Value -105
106	Cooling V3P stroke start (2° step)	%	0	100.0	R/W	START_COOL_D3P_2	106	40107	Analog Value -106
107	Cooling V3P stroke end (2° step)	%	0	100.0	R/W	END_COOL_D3P_2	107	40108	Analog Value -107
108	Dehumid. fan override offset	°C	-99.9	99.9	R/W	Force_DeH_Fan_Offs	108	40109	Analog Value -108
109	Defrost Setpoint	°C	-99.9	99.9	R/W	Defr_T_Setp	109	40110	Analog Value -109
110	Not used	---	-3276.8	3276.7	R/W	Analog_110_Reserved	110	40111	Analog Value -110
111	Not used	---	-3276.8	3276.7	R/W	Analog_111_Reserved	111	40112	Analog Value -111
112	Not used	---	-3276.8	3276.7	R/W	Analog_112_Reserved	112	40113	Analog Value -112
113	Not used	---	-3276.8	3276.7	R/W	Analog_113_Reserved	113	40114	Analog Value -113
114	3-point cold valve 1st step regulation start with recovery	%	0	100.0	R/W	START_COOL_D3P_ES	114	40115	Analog Value -114
115	3-point cold valve 1st step regulation start	%	0	100.0	R/W	START_COOL_D3P	115	40116	Analog Value -115
116	3-point cold valve 1st step regulation end	%	0	100.0	R/W	END_COOL_D3P	116	40117	Analog Value -116
117	Not used	---	-3276.8	3276.7	R/W	Analog_117_Reserved	117	40118	Analog Value -117
118	Not used	---	-3276.8	3276.7	R/W	Analog_118_Reserved	118	40119	Analog Value -118
119	Begin+Recovery (Ga)	%	0	100.0	R/W	START_COOL_DAMP_ES	119	40120	Analog Value -119
120	Begin (Ga)	%	0	100.0	R/W	START_COOL_DAMP	120	40121	Analog Value -120
121	End (Ga)	%	0	100.0	R/W	END_COOL_DAMP	121	40122	Analog Value -121
122	Recovery Valve begin (Gf)	%	0	100.0	R/W	start_freec_damp	122	40123	Analog Value -122
123	Recovery Valve end (Gf)	%	0	100.0	R/W	end_freec_damp	123	40124	Analog Value -123
124	Temperature offset in "AUTO POC" mode (mask Gg1)	°C	0	100.0	R/W	AUTO_POC_Offset	124	40125	Analog Value -124
125	Temperature offset in "Semi Tr" mode (mask Gg1)	°C	0	100.0	R/W	Semi_Tr_Offset	125	40126	Analog Value -125
126	ComboBox: Discharge gas temperature [1/10°C]	°C	-3276.8	3276.7	R	CB_Tdischarge_Gas	126	40127	Analog Value -126
127	ComboBox: Motor current [1/10 A]	A	-3276.8	3276.7	R	CB_Motor_Current	127	40128	Analog Value -127
128	ComboBox: Motor Voltage [1/10 V]	V	-3276.8	3276.7	R	CB_Motor_Voltage	128	40129	Analog Value -128
129	ComboBox: Motor power [kW]	KW	0	99.9	R	CB_Motor_Power	129	40130	Analog Value -129
130	ComboBox: Compressor power request (percentage) 0-1000 [1/10%]	%	0	100.0	R	CB_Comp_Power_Perc	130	40131	Analog Value -130
131	ComboBox: Speed request to inverter (filtered by envelop) 0-1000 [1/10%]	%	-3276.8	3276.7	R	CB_Inverter_Request	131	40132	Analog Value -131
132	Unit CW winter setpoint (S1)	°C	0	99.9	R/W	SEL_SET_TEMP_Cool_CW	132	40133	Analog Value -132
133	Unit CW summer setpoint (S1)	°C	0	99.9	R/W	SEL_SET_TEMP_Heat_CW	133	40134	Analog Value -133
134	Low limit Supply Setpoint	°C	-999.9	999.9	R/W	Lim_Min_Set_S	134	40135	Analog Value -134
135	High Limit Supply Setpoint	°C	-999.9	999.9	R/W	Lim_Max_Set_S	135	40136	Analog Value -135
136	Unit CW winter setpoint (S1)	°C	0	99.9	R/W	SET_TEMP_Cool_CW_Sup	136	40137	Analog Value -136
137	Unit CW Heat setpoint supply	°C	0	99.9	R/W	SET_TEMP_Heat_CW_Sup	137	40138	Analog Value -137
138	Time zone Setpoint for temperature Z1 Supply	°C	-3276.8	3276.7	R/W	SET_TEMP1_Sup	138	40139	Analog Value -138
139	Time zone Setpoint for temperature Z2 Supply	°C	-3276.8	3276.7	R/W	SET_TEMP2_Sup	139	40140	Analog Value -139
140	Time zone Setpoint for temperature Z3 supply	°C	-3276.8	3276.7	R/W	SET_TEMP3_Sup	140	40141	Analog Value -140
141	Time zone Setpoint for temperature Z4 supply	°C	-3276.8	3276.7	R/W	SET_TEMP4_Sup	141	40142	Analog Value -141
142	Neutral temperature zone Supply	°C	-3276.8	3276.7	R/W	DEAD_ZONE_TEMP_S	142	40143	Analog Value -142
143	Cooling differential supply	°C	0	100.0	R/W	DIFF_TEMP_COLD_S	143	40144	Analog Value -143
144	Heating differential supply	°C	0	100.0	R/W	DIFF_TEMP_HOT_S	144	40145	Analog Value -144

Integer variables

BMS Address	Description	UOM	Min	Max	Direction	Variable name	Modbus address	Rilheva address	BACnet
1	Analogue output 1	---	0	32767	R	Pco2_Aout_1	5001	45001	Analog Value-1001
2	Analogue output 2	---	0	32767	R	Pco2_Aout_2	5002	45002	Analog Value-1002
3	Analogue output 3	---	0	32767	R	Pco2_Aout_3	5003	45003	Analog Value-1003
4	Analogue output 4	---	0	32767	R	Pco2_Aout_4	5004	45004	Analog Value-1004
5	Current hour	h	0	23	R	CURRENT_HOUR	5005	45005	Analog Value-1005
6	Current minute	---	0	59	R	CURRENT_MINUTE	5006	45006	Analog Value-1006
7	Current day	---	1	31	R	CURRENT_DAY	5007	45007	Analog Value-1007
8	Current month	---	1	12	R	CURRENT_MONTH	5008	45008	Analog Value-1008
9	Current year	---	0	99	R	CURRENT_YEAR	5009	45009	Analog Value-1009
10	Day of the week	---	0	9	R	Day_Week	5010	45010	Analog Value-1010
11	New hour	h	0	23	R/W	NEW_HOUR	5011	45011	Analog Value-1011
12	New minute	---	0	59	R/W	NEW_MINUTE	5012	45012	Analog Value-1012
13	New day	---	1	31	R/W	NEW_DAY	5013	45013	Analog Value-1013
14	New month	---	1	12	R/W	NEW_MONTH	5014	45014	Analog Value-1014
15	New year	---	0	99	R/W	NEW_YEAR	5015	45015	Analog Value-1015
16	Number of compressors	---	1	2	R/W	N_COMPS	5016	45016	Analog Value-1016
17	Number of compressors for dehumid.	---	0	2	R/W	N_COMPS_DEHUMID	5017	45017	Analog Value-1017
18	Selection of number of On-Off fans	---	1	2	R/W	N_Fans	5018	45018	Analog Value-1018
19	Number of heaters for heating	---	0	9	R/W	N_Heaters	5019	45019	Analog Value-1019
20	Configuration of analogue input 2 (0=circ. 1 press.; 1=circ.1 temp.; 2=ext. humidity)	---	0	4	R/W	Ain_Inp_2_Conf	5020	45020	Analog Value-1020
21	Configuration of analogue input 3 (0= circ.2 press.; 1= circ.2 temp.)	---	0	3	R/W	Ain_Inp_3_Conf	5021	45021	Analog Value-1021
22	Analogue input 6 configuration (0=water out; 1=variable setpoint; 2= diff. air pressure)	---	0	2	R/W	Ain_Inp_6_Conf	5022	45022	Analog Value-1022
23	Humidity probe signal type (2=0-1V; 3=0-10V; 4=current)	---	2	4	R/W	Type_Ain_Humid	5023	45023	Analog Value-1023
24	Pressure probe 1 signal type (2=0-1V; 3=0-10V; 4= current)	---	0	6	R/W	Type_Ain_Pressure1	5024	45024	Analog Value-1024

25	Pressure probe 2 signal type (2=0-1V; 3=0-10V; 4= current)	---	0	6 R/W	Type_Ain_Pressure2	5025	45025 Analog Value-1025
26	Condens. 1 temp. probe signal type (0=ntc; 1=pt1000; 2=0-1V; 3=0-10V; 4= current)	---	0	4 R/W	Type_Cond1_Temp	5026	45026 Analog Value-1026
27	Condens. 2 temp. probe signal type (0=ntc; 1=pt1000; 2=0-1V; 3=0-10V; 4= current)	---	0	4 R/W	Type_Cond2_Temp	5027	45027 Analog Value-1027
28	Ext. temperature probe signal type (0=ntc; 1=pt1000)	---	0	1 R/W	Type_Ext_Temp	5028	45028 Analog Value-1028
29	Recovery temperature probe signal type (0=ntc; 1=pt1000)	---	0	1 R/W	Type_Recovery_Temp	5029	45029 Analog Value-1029
30	Ambient temperature probe signal type (0=ntc; 1=pt1000)	---	0	1 R/W	Type_Room_Temp	5030	45030 Analog Value-1030
31	Delivery temperature probe signal type (0=ntc; 1=pt1000)	---	0	4 R/W	Type_Supply_Temp	5031	45031 Analog Value-1031
32	Refrigerant selection (0=no; 1=R22; 2=134a; 3=404a; 4=407C; 5=410A)	---	0	5 R/W	Type_Freon	5032	45032 Analog Value-1032
33	Air flow switch alarm delay	s	0	9999 R/W	DELAY_AIR_FLOW	5033	45033 Analog Value-1033
34	Delivery fan shutdown delay	s	0	999 R/W	DELAY_OFF_FAN	5034	45034 Analog Value-1034
35	Delivery fan start-up delay	s	0	999 R/W	DELAY_ON_FAN	5035	45035 Analog Value-1035
36	Non-serious alarm 7 relay activation delay	s	0	999 R/W	DELAY_RELAY_N07	5036	45036 Analog Value-1036
37	Serious alarm 8 relay activation delay	s	0	999 R/W	DELAY_RELAY_N08	5037	45037 Analog Value-1037
38	Water flow switch alarm on start-up delay	s	0	9999 R/W	Delay_Water_Flow	5038	45038 Analog Value-1038
39	Delay between start-up of different compressors	s	0	9999 R/W	TIME_BETW_COMP	5039	45039 Analog Value-1039
40	Heater activation delay	s	0	9999 R/W	TIME_BETW_HEAT	5040	45040 Analog Value-1040
41	Low pressure alarm delay	s	0	9999 R/W	TIME_LOW_PRES	5041	45041 Analog Value-1041
42	P+I regulation integration time	s	0	9999 R/W	TIME_INTEGR	5042	45042 Analog Value-1042
43	Minimum compressor shutdown duration	s	0	9999 R/W	TIME_MIN_OFF	5043	45043 Analog Value-1043
44	Minimum compressor start-up duration	s	0	9999 R/W	TIME_MIN_ON	5044	45044 Analog Value-1044
45	Delay between compressor start-ups	s	0	9999 R/W	TIME_SAME_COMP	5045	45045 Analog Value-1045
46	Capacity step activation delay	s	0	9999 R/W	TIME_UNLOADER	5046	45046 Analog Value-1046
47	3-point valve excursion time (Valve 1)	s	0	9999 R/W	TIME_RUNN_D3P	5047	45047 Analog Value-1047
48	Humidity high/low temperature alarms delay	s	0	9999 R/W	TIME_THR_ALARM	5048	45048 Analog Value-1048
49	High conductivity pre-alarm threshold	---	0	32767 R/W	B5	5049	45049 Analog Value-1049
50	High conductivity alarm threshold	---	0	2000 R/W	B6	5050	45050 Analog Value-1050
51	Humidifier type	---	0	77 R/W	Humidifier_Type	5051	45051 Analog Value-1051
52	On-Off time zone start hour F1-1	h	0	23 R/W	Fascia1_ore_on1	5052	45052 Analog Value-1052
53	On-Off time zone start minutes F1-1	min	0	59 R/W	Fascia1_min_on1	5053	45053 Analog Value-1053
54	On-Off time zone end hour F1-1	h	0	23 R/W	Fascia1_ore_off1	5054	45054 Analog Value-1054
55	On-Off time zone end minutes F1-1	min	0	59 R/W	Fascia1_min_off1	5055	45055 Analog Value-1055
56	On-Off time zone start hour F1-2	h	0	23 R/W	Fascia1_ore_on2	5056	45056 Analog Value-1056
57	On-Off time zone start minutes F1-2	min	0	59 R/W	Fascia1_min_on2	5057	45057 Analog Value-1057
58	On-Off time zone end hour F1-2	h	0	23 R/W	Fascia1_ore_off2	5058	45058 Analog Value-1058
59	On-Off time zone end minutes F1-2	min	0	59 R/W	Fascia1_min_off2	5059	45059 Analog Value-1059
60	On-Off time zone start hour F2	h	0	23 R/W	Fascia2_ore_on	5060	45060 Analog Value-1060
61	On-Off time zone start minutes F2	min	0	59 R/W	Fascia2_min_on	5061	45061 Analog Value-1061
62	On-Off time zone end hour F2	h	0	23 R/W	Fascia2_ore_off	5062	45062 Analog Value-1062
63	On-Off time zone end minutes F2	min	0	59 R/W	Fascia2_min_off	5063	45063 Analog Value-1063
64	Temperature time zone start hour Z1	h	0	23 R/W	TEMP_HOUR1	5064	45064 Analog Value-1064
65	Temperature time zone start minutes Z1	min	0	59 R/W	TEMP_MINUTE1	5065	45065 Analog Value-1065
66	Hour for start of time zone for temperature Z2	h	0	23 R/W	TEMP_HOUR2	5066	45066 Analog Value-1066
67	Minutes for start of time zone for temperature Z2	min	0	59 R/W	TEMP_MINUTE2	5067	45067 Analog Value-1067
68	Hour for start of time zone for temperature Z3	h	0	23 R/W	TEMP_HOUR3	5068	45068 Analog Value-1068
69	Minutes for start of time zone for temperature Z3	min	0	59 R/W	TEMP_MINUTE3	5069	45069 Analog Value-1069
70	Hour for start of time zone for temperature Z4	h	0	23 R/W	TEMP_HOUR4	5070	45070 Analog Value-1070
71	Minutes for start of time zone for temperature Z4	min	0	59 R/W	TEMP_MINUTE4	5071	45071 Analog Value-1071
72	Hour for start of time zone for humidity Z1	h	0	23 R/W	HUMID_HOUR1	5072	45072 Analog Value-1072
73	Minutes for start of time zone for humidity Z1	min	0	59 R/W	HUMID_MINUTE1	5073	45073 Analog Value-1073
74	Hour for start of time zone for humidity Z2	h	0	23 R/W	HUMID_HOUR2	5074	45074 Analog Value-1074
75	Minutes for start of time zone for humidity Z2	min	0	59 R/W	HUMID_MINUTE2	5075	45075 Analog Value-1075
76	Hour for start of time zone for humidity Z3	h	0	23 R/W	HUMID_HOUR3	5076	45076 Analog Value-1076
77	Minutes for start of time zone for humidity Z3	min	0	59 R/W	HUMID_MINUTE3	5077	45077 Analog Value-1077
78	Hour for start of time zone for humidity Z4	h	0	23 R/W	HUMID_HOUR4	5078	45078 Analog Value-1078
79	Minutes for start of time zone for humidity Z4	min	0	59 R/W	HUMID_MINUTE4	5079	45079 Analog Value-1079
80	On-Off Time zone selection Monday (0=F1; 1=F2; 2=F3; 3=F4)	---	0	3 R/W	Monday_Type	5080	45080 Analog Value-1080
81	On-Off Time zone selection Tuesday (0=F1; 1=F2; 2=F3; 3=F4)	---	0	3 R/W	Tuesday_Type	5081	45081 Analog Value-1081
82	On-Off Time zone selection Wednesday (0=F1; 1=F2; 2=F3; 3=F4)	---	0	3 R/W	Wednesday_Type	5082	45082 Analog Value-1082
83	On-Off Time zone selection Thursday (0=F1; 1=F2; 2=F3; 3=F4)	---	0	3 R/W	Thursday_Type	5083	45083 Analog Value-1083
84	On-Off Time zone selection Friday (0=F1; 1=F2; 2=F3; 3=F4)	---	0	3 R/W	Friday_Type	5084	45084 Analog Value-1084
85	On-Off Time zone selection Saturday (0=F1; 1=F2; 2=F3; 3=F4)	---	0	3 R/W	Saturday_Type	5085	45085 Analog Value-1085
86	On-Off Time zone selection Sunday (0=F1; 1=F2; 2=F3; 3=F4)	---	0	3 R/W	Sunday_Type	5086	45086 Analog Value-1086
87	Condensation fan Speed-up time	s	0	999 R/W	SPEED_UP_TIME	5087	45087 Analog Value-1087
88	Compressor 1 operating hours threshold	h	0	99 R/W	THR_H_HOUR_C1	5088	45088 Analog Value-1088
89	Compressor 2 operating hours threshold	h	0	99 R/W	THR_H_HOUR_C2	5089	45089 Analog Value-1089
90	Humidifier operating hours threshold	h	0	99 R/W	Thr_H_Humid	5090	45090 Analog Value-1090
91	Fan operating hours threshold	h	0	99 R/W	THR_H_MAIN_FAN	5091	45091 Analog Value-1091
92	Rotation mode of units on pLAN network	---	0	2 R/W	Type_RotationUnit	5092	45092 Analog Value-1092
93	Ambient high temperature override delays	s	0	999 R/W	Force_Time_High	5093	45093 Analog Value-1093
94	Ambient low temperature override delays	s	0	999 R/W	Force_Time_Low	5094	45094 Analog Value-1094
95	Intervallo giorni rotazione automatica	day	1	7 R/W	Day_Rotation	5095	45095 Analog Value-1095
96	Automatic rotation hour	h	0	23 R/W	Hour_Change	5096	45096 Analog Value-1096
97	Automatic rotation minutes	min	0	59 R/W	Minute_Change	5097	45097 Analog Value-1097
98	Number of units in Stand-by mode	---	0	32767 R/W	Units_Stand_By	5098	45098 Analog Value-1098
99	Interval of automation rotation of units on pLAN network	s	0	30000 R/W	Rotation_Time	5099	45099 Analog Value-1099
100	PLAN participation class board 1 (0=not present; 1=present/no rotat.; 2=present/rotation)	---	0	1 R/W	Unit1_Mode	5100	45100 Analog Value-1100
101	PLAN participation class board 2 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit2_Mode	5101	45101 Analog Value-1101
102	PLAN participation class board 3 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit3_Mode	5102	45102 Analog Value-1102
103	PLAN participation class board 4 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit4_Mode	5103	45103 Analog Value-1103
104	PLAN participation class board 5 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit5_Mode	5104	45104 Analog Value-1104
105	PLAN participation class board 6 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit6_Mode	5105	45105 Analog Value-1105
106	PLAN participation class board 7 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit7_Mode	5106	45106 Analog Value-1106

107	PLAN participation class board 8 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit8_Mode	5107	45107 Analog Value-1107
108	PLAN participation class board 9 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit9_Mode	5108	45108 Analog Value-1108
109	PLAN participation class board 10 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit10_Mode	5109	45109 Analog Value-1109
110	PLAN participation class board 11 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit11_Mode	5110	45110 Analog Value-1110
111	PLAN participation class board 12 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit12_Mode	5111	45111 Analog Value-1111
112	PLAN participation class board 13 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit13_Mode	5112	45112 Analog Value-1112
113	PLAN participation class board 14 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit14_Mode	5113	45113 Analog Value-1113
114	PLAN participation class board 815 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit15_Mode	5114	45114 Analog Value-1114
115	PLAN participation class board 16 (0=present/Rotat.; 1=present/no rotat.; 2=not present)	---	0	3 R/W	Unit16_Mode	5115	45115 Analog Value-1115
116	Driver 1 valve position	steps	0	32767 R	Position_Valve_D1	5116	45116 Analog Value-1116
117	Driver 2 valve position	steps	0	32767 R	Position_Valve_D2	5117	45117 Analog Value-1117
118	Start-up with delivery damper delay	s	0	999 R/W	St_Delay_Sup_Damper	5118	45118 Analog Value-1118
119	Atmospheric pressure	mBAR	0	9999 R/W	Altitudine	5119	45119 Analog Value-1119
120	Efficiency delay	s	0	999 R/W	Unit_Efficiency_Delay	5120	45120 Analog Value-1120
121	High pressure alarm automatic reset attempts	---	0	5 R/W	Ain_Hp_Alr_Retry	5121	45121 Analog Value-1121
122	High pressure alarm automatic reset time	s	0	99 R/W	Ain_Hp_Alr_Retry_Time	5122	45122 Analog Value-1122
123	Low pressure alarm automatic reset attempts	---	0	5 R/W	Ain_Lp_Alr_Retry	5123	45123 Analog Value-1123
124	Low pressure alarm automatic reset time	s	0	99 R/W	Ain_Lp_Alr_Retry_Time	5124	45124 Analog Value-1124
125	Recovery management type	---	0	6 R/W	Rec_Type	5125	45125 Analog Value-1125
126	Compressors ON delay with recovery in dehumid. (DC regulation)	s	0	9999 R/W	CompRec_Delay	5126	45126 Analog Value-1126
127	Compressor rotation enable	---	0	2 R/W	En_Rotation	5127	45127 Analog Value-1127
128	Residual time on periodic cylinder drain	s	0	32767 R	Time_Count	5128	45128 Analog Value-1128
129	Water flow in running status alarm delay	s	0	9999 R/W	Delay_Water_FI_R	5129	45129 Analog Value-1129
130	Calculated setpoint for "fan differential pressure control" (from var. 131 and 132)	Pa	0	32767 R	Std_Setpoint_Fan_AUTO_POC	5130	45130 Analog Value-1130
131	Calculated setpoint for "fan differential pressure control" during dehumidification (mask Gg2b)	Pa	0	32767 R/W	Dehum_Setpoint_Fan_AUTO_POC	5131	45131 Analog Value-1131
132	Differential for "fan differential pressure control" (mask Gg2b)	Pa	-32768	32767 R/W	Std_Diff_Fan_POC	5132	45132 Analog Value-1132
133	Type of regulation for delivery fan (mask Gg3)	---	0	9 R/W	Regulation_Type	5133	45133 Analog Value-1133
134	Integral time for delivery fan regulation (mask Gg3)	s	0	9999 R/W	Time_Integr_Fan	5134	45134 Analog Value-1134
135	Derivative time for delivery fan regulation (mask Gg3)	s	0	9999 R/W	Time_Der_Fan	5135	45135 Analog Value-1135
136	Delivery fan configuration: standard setpoint (mask Pp2)	Pa	0	32767 R/W	Std_Setpoint_Fan_Prc	5136	45136 Analog Value-1136
137	Delivery fan configuration: differential (mask Pp2)	Pa	0	32767 R/W	Std_Diff_Fan_Prc	5137	45137 Analog Value-1137
138	Minimum delivery fan setpoint in "POC" mode (mask Gg2a)	Pa	0	32767 R/W	SetpMin_MainFan_POC	5138	45138 Analog Value-1138
139	Maximum delivery fan setpoint in "POC" mode (mask Gg2a)	Pa	0	32767 R/W	SetpMax_MainFan_POC	5139	45139 Analog Value-1139
140	Differential air pressure reading (B03 analog input)	Pa	0	32767 R/W	Air_Press	5140	45140 Analog Value-1140
141	Minimum differential pressure threshold read at B03 input (mask CI)	Pa	-32768	32767 R/W	Min_Value_Air_Press	5141	45141 Analog Value-1141
142	Maximum differential pressure threshold read at B03 input (mask CI)	Pa	-32768	32767 R/W	Max_Value_Air_Press	5142	45142 Analog Value-1142
143	Calibration of differential pressure read at B03 input (mask Ad)	Pa	-999	999 R/W	Air_Press_Cal	5143	45143 Analog Value-1143
144	ComboBox: Velocità del rotore del compressore [rpm]	rpm	0	9999 R	CB_Rotor_Speed_rpm	5144	45144 Analog Value-1144
145	ComboBox: Envelope zone "1: Inside envelope"; "2: High compression ratio"; "3: High discharge press."; "4: High current"; "5: High suction press."; "6: Low compression ratio"; "7: Low press.differential"; "8: Low discharge press."; "9: Low suction press.;"	---	0	9 R	Envelope_Zone	5145	45145 Analog Value-1145
146	ComboBox: Inverter codice errore: "0: Nessun errore";"1: Sovracorrente";"2: Sovracc. motore";"3: Sovratensione";"4: Sottotensione";"5: Sovratemperatura";"6: Sottotemperatura";"7: Sovracorrente HW";"8: Sovratemp. motore";"9: Guasto drive";"10: Errore Cpu";"11: Param. di default";"12: Ondulazione DC bus";"13: timeout com.ser."; "14: Errore termistore";"15: Errore Autotuning";"16: Drive disabilitato";"17: Manca fase motore";"18: Ventola guasta";"19: Motore in stallo";"20: Guasto drive";	---	0	20 R	CB_PowerPlus_AI_code	5146	45146 Analog Value-1146
147	Temperature time zone start hour Z1	h	0	23 R/W	TEMP_HOUR1_Sup	5147	45147 Analog Value-1147
148	Temperature time zone start minutes Z1	min	0	59 R/W	TEMP_MINUTE1_Sup	5148	45148 Analog Value-1148
149	Hour for start of time zone for temperature Z2	h	0	23 R/W	TEMP_HOUR2_Sup	5149	45149 Analog Value-1149
150	Minutes for start of time zone for temperature Z2	min	0	59 R/W	TEMP_MINUTE2_Sup	5150	45150 Analog Value-1150
151	Hour for start of time zone for temperature Z3	h	0	23 R/W	TEMP_HOUR3_Sup	5151	45151 Analog Value-1151
152	Minutes for start of time zone for temperature Z3	min	0	59 R/W	TEMP_MINUTE3_Sup	5152	45152 Analog Value-1152
153	Hour for start of time zone for temperature Z4	h	0	23 R/W	TEMP_HOUR4_Sup	5153	45153 Analog Value-1153
154	Minutes for start of time zone for temperature Z4	min	0	59 R/W	TEMP_MINUTE4_Sup	5154	45154 Analog Value-1154
155	P+I regulation integration time supply	s	0	9999 R/W	TIME_INTEGR_S	5155	45155 Analog Value-1155
156	Selection logo	---	0	9 R	Select_Logo	5156	45156 Analog Value-1156
157	Supply air flow	Pa	0	32767 R	Air_Press_Mid	5157	45157 Analog Value-1157
158	Supply air flow	m3/h	-32768	32767 R	Air_Press_m3h	5158	45158 Analog Value-1158
159	Hourcounter fan (high part)	---	0	99 R	X_H_MAIN_FAN	5159	45159 Analog Value-1159
160	Hourcounter fan (low part)	---	0	99 R	X_L_MAIN_FAN	5160	45160 Analog Value-1160
161	Hourcounter humidifier (high part)	---	0	99 R	X_H_HUMID	5161	45161 Analog Value-1161
162	Hourcounter humidifier (low part)	---	0	999 R/W	X_L_HUMID	5162	45162 Analog Value-1162
163	Hourcounter valve-comp.1 (low part)	---	0	999 R	X_L_VALVE_COMP1	5163	45163 Analog Value-1163
164	Hourcounter valve-comp.1 (high part)	---	0	99 R	X_H_VALVE_COMP1	5164	45164 Analog Value-1164
165	Hourcounter valve-comp.2 (low part)	---	0	999 R	X_L_VALVE_COMP2	5165	45165 Analog Value-1165
166	0 Unit On; 1 Off by Alarms;2 Off by Supervisory; 3 Off by Timezones;4 Off by Digital Input;5 Off by Keyboard;6 Manual Procedure;7 Unit Stand-by	---	0	9 R/W	Unit_Status	5166	45166 Analog Value-1166
167	Main FAN speed	---	-32768	32767 R	An_Main_Fan_Sup	5167	45167 Analog Value-1167
168	Valve Heating speed status	---	-32768	32767 R	HEAT_DAMPER_SUP	5168	45168 Analog Value-1168
169	Valve Cooling speed status	---	-32768	32767 R	COOL_DAMPER_SUP	5169	45169 Analog Value-1169

Digital variables

BMS Address	Description	UOM	Min	Max	Direction	Variable name	Modbus address	Blueeyes address	BACnet
1	Digital input number 1	---	0	1	R	Digital_Input_1	2		2 Binary Value- 1
2	Digital input number 2	---	0	1	R	Digital_Input_2	3		3 Binary Value- 2
3	Digital input number 3	---	0	1	R	Digital_Input_3	4		4 Binary Value- 3
4	Digital input number 4	---	0	1	R	Digital_Input_4	5		5 Binary Value- 4
5	Digital input number 5	---	0	1	R	Digital_Input_5	6		6 Binary Value- 5

6	Digital input number 6	---	0	1	R	Digital_Input_6	7	7	Binary Value- 6
7	Digital input number 7	---	0	1	R	Digital_Input_7	8	8	Binary Value- 7
8	Digital input number 8	---	0	1	R	Digital_Input_8	9	9	Binary Value- 8
9	Digital input number 9	---	0	1	R	Digital_Input_9	10	10	Binary Value- 9
10	Digital input number 10	---	0	1	R	Digital_Input_10	11	11	Binary Value- 10
11	Humidifier water level contact	---	0	1	R	Level_Hum1	12	12	Binary Value- 11
12	Digital input number 12	---	0	1	R	Digital_Input_12	13	13	Binary Value- 12
13	Digital input number 13	---	0	1	R	Digital_Input_13	14	14	Binary Value- 13
14	Digital input number 14	---	0	1	R	Digital_Input_14	15	15	Binary Value- 14
15	Digital output number 1	---	0	1	R	Pco2_Dout_1	16	16	Binary Value- 15
16	Digital output number 2	---	0	1	R	Pco2_Dout_2	17	17	Binary Value- 16
17	Digital output number 3	---	0	1	R	Pco2_Dout_3	18	18	Binary Value- 17
18	Digital output number 4	---	0	1	R	Pco2_Dout_4	19	19	Binary Value- 18
19	Digital output number 5	---	0	1	R	Pco2_Dout_5	20	20	Binary Value- 19
20	Digital output number 6	---	0	1	R	Pco2_Dout_6	21	21	Binary Value- 20
21	Digital output number 7	---	0	1	R	Pco2_Dout_7	22	22	Binary Value- 21
22	Digital output number 8	---	0	1	R	Pco2_Dout_8	23	23	Binary Value- 22
23	Digital output number 9	---	0	1	R	Pco2_Dout_9	24	24	Binary Value- 23
24	Digital output number 10	---	0	1	R	Pco2_Dout_10	25	25	Binary Value- 24
25	Digital output number 11	---	0	1	R	Pco2_Dout_11	26	26	Binary Value- 25
26	Compressor 1 general alarm	---	0	1	R	MAL_ALARM_COMP1	27	27	Binary Value- 26
27	Compressor 2 general alarm	---	0	1	R	MAL_ALARM_COMP2	28	28	Binary Value- 27
28	Compressor 1 low pressure alarm	---	0	1	R	AL_LOW_PRES_C1	29	29	Binary Value- 28
29	Compressor 2 low pressure alarm	---	0	1	R	AL_LOW_PRES_C2	30	30	Binary Value- 29
30	Air flow alarm	---	0	1	R	AL_AIR_FLOW	31	31	Binary Value- 30
31	Fan thermal cut-out alarm	---	0	1	R	MAL_FAN_OVERL	32	32	Binary Value- 31
32	Heater 1 thermal cut-out alarm	---	0	1	R	MAL_HEAT_OVERL1	33	33	Binary Value- 32
33	Heater 2 thermal cut-out alarm	---	0	1	R	MAL_HEAT_OVERL2	34	34	Binary Value- 33
34	Fire/smoke alarm	---	0	1	R	MAL_FIRE_SMOKE	35	35	Binary Value- 34
35	Clogged filter alarm	---	0	1	R	MAL_AIR_FILTER	36	36	Binary Value- 35
36	High ambient temperature alarm	---	0	1	R	MAL_H_ROOM_TEMP	37	37	Binary Value- 36
37	Low ambient temperature alarm	---	0	1	R	MAL_L_ROOM_TEMP	38	38	Binary Value- 37
38	High ambient humidity alarm	---	0	1	R	MAL_HIGH_HUMID	39	39	Binary Value- 38
39	Low ambient humidity alarm	---	0	1	R	MAL_LOW_HUMID	40	40	Binary Value- 39
40	Compressor 1 op. hours threshold alarm	---	0	1	R	MAL_H_VALVE_C1	41	41	Binary Value- 40
41	Compressor 2 op. hours threshold alarm	---	0	1	R	MAL_H_VALVE_C2	42	42	Binary Value- 41
42	Fan op. hours threshold alarm	---	0	1	R	MAL_H_MAIN_FAN	43	43	Binary Value- 42
43	Ambient temp. probe damage alarm	---	0	1	R	Mal_Room_Temp	44	44	Binary Value- 43
44	Recov. temp. probe damage alarm	---	0	1	R	Mal_Temp_Recovery	45	45	Binary Value- 44
45	External temp. probe damage alarm	---	0	1	R	Mal_Ext_Temp	46	46	Binary Value- 45
46	Delivery temp. probe damage alarm	---	0	1	R	Mal_Supply_Temp	47	47	Binary Value- 46
47	Ambient humidity probe damage alarm	---	0	1	R	Mal_Room_Humid	48	48	Binary Value- 47
48	Pressure probe 1 damage alarm	---	0	1	R	Mal_Pressure1	49	49	Binary Value- 48
49	Pressure probe 2 damage alarm	---	0	1	R	Mal_Pressure2	50	50	Binary Value- 49
50	Condens. temp. probe 1 damage alarm	---	0	1	R	Mal_Temp_Cond1	51	51	Binary Value- 50
51	Condens. temp. probe 2 damage alarm	---	0	1	R	Mal_Temp_Cond2	52	52	Binary Value- 51
52	High humidifier current alarm	---	0	1	R	Malarm1_1	53	53	Binary Value- 52
53	Humidifier water low alarm	---	0	1	R	Malarm1_3	54	54	Binary Value- 53
54	Humidifier current failure alarm	---	0	1	R	Malarm1_2	55	55	Binary Value- 54
55	Clock board damage alarm	---	0	1	R	Mal_Clock	56	56	Binary Value- 55
56	Circuit 1 high pressure alarm	---	0	1	R	AL_HIGH_PRESS1	57	57	Binary Value- 56
57	Circuit 2 high pressure alarm	---	0	1	R	AL_HIGH_PRESS2	58	58	Binary Value- 57
58	Flooding alarm	---	0	1	R	MAL_WATER	59	59	Binary Value- 58
59	Auxiliary alarm	---	0	1	R	MAL_AUX	60	60	Binary Value- 59
60	Humidifier op. hours threshold alarm	---	0	1	R	Mal_H_Humid	61	61	Binary Value- 60
61	Condens. fan 1 th. cut-out alarm	---	0	1	R	MAL_COND_FAN1	62	62	Binary Value- 61
62	Condens. fan 2 th. cut-out alarm	---	0	1	R	MAL_COND_FAN2	63	63	Binary Value- 62
63	Compressor/cooling coil enable with recovery coil	---	0	1	R/W	Band_Mng_Recovery_Valve	64	64	Binary Value- 63
64	Circuit 1 driver offline alarm	---	0	1	R	Mal_Drv1_Offline	65	65	Binary Value- 64
65	Circuit 2 driver offline alarm	---	0	1	R	Mal_Drv2_Offline	66	66	Binary Value- 65
66	Cylinder 1 maintenance alarm	---	0	1	R	Malarm1_10	67	67	Binary Value- 66
67	Cylinder 1 maintenance pre-alarm	---	0	1	R	Malarm1_11	68	68	Binary Value- 67
68	High conductivity alarm	---	0	1	R	Malarm1	69	69	Binary Value- 68
69	High conductivity pre-alarm	---	0	1	R	Malarm2	70	70	Binary Value- 69
70	Low production alarm	---	0	1	R	Malarm1_4	71	71	Binary Value- 70
71	Drain alarm	---	0	1	R	Malarm1_5	72	72	Binary Value- 71
72	Cylinder full alarm	---	0	1	R	Malarm1_6	73	73	Binary Value- 72
73	Cylinder 1 pre-deterioration	---	0	1	R	Malarm1_7	74	74	Binary Value- 73
74	Foam presence alarm	---	0	1	R	Malarm1_8	75	75	Binary Value- 74
75	Cylinder deteriorated	---	0	1	R	Malarm1_9	76	76	Binary Value- 75
76	Dig_76_Reserved	---	0	1	R/W	Dig_76_Reserved	77	77	Binary Value- 76
77	Dig_77_Reserved	---	0	1	R/W	Dig_77_Reserved	78	78	Binary Value- 77
78	External temperature probe enable	---	0	1	R/W	En_Ext_Probe	79	79	Binary Value- 78
79	Pressure probe 1 enable	---	0	1	R/W	En_Pressure1_Probe	80	80	Binary Value- 79
80	Pressure probe 2 enable	---	0	1	R/W	En_Pressure2_Probe	81	81	Binary Value- 80
81	Humidity probe enable	---	0	1	R/W	EN_ROOM_HUMID	82	82	Binary Value- 81
82	Delivery probe enable	---	0	1	R/W	En_Supply_Probe	83	83	Binary Value- 82
83	Condensation temperature probe 1 enable	---	0	1	R/W	En_Temp_Cond1	84	84	Binary Value- 83
84	Condensation temperature probe 2 enable	---	0	1	R/W	En_Temp_Cond2	85	85	Binary Value- 84
85	Recovery probe enable	---	0	1	R/W	En_Temp_Recovery	86	86	Binary Value- 85
86	Configuration of modulating output 6 (0=renewal damper; 1=recovery valve)	---	0	1	R/W	Aout6_Conf	87	87	Binary Value- 86
87	Unit type (0=ED; 1=CW)	---	0	1	R	ED_CW_Conf	88	88	Binary Value- 87
88	Configuration of 0-10V modulating output 2 (0=hot valve; 1=analogue humidifier)	---	0	1	R/W	Damper_Humid	89	89	Binary Value- 88
89	Enable of the "Combo Driver"	---	0	1	R/W	En_Combo_Drive	90	90	Binary Value- 89
90	Heating mode (0=heater1; 1=On V3P Hot)	---	0	1	R/W	Heating_Mode	91	91	Binary Value- 90
91	Type of cooling coil valve (0=0-10v; 1=3point)	---	0	1	R/W	Valve_Type	92	92	Binary Value- 91
92	Type of heating coil valve (0=0-10v; 1=3point)	---	0	1	R/W	VALVE_HEAT_TYPE	93	93	Binary Value- 92
93	Dig_93_Reserved	---	0	1	R/W	Dig_93_Reserved	94	94	Binary Value- 93
94	Main CW unit coil type (0=C/F; 1=cooling)	---	0	1	R/W	Battery_Number	95	95	Binary Value- 94
95	Type of condenser (0=single coil; 1=separate coils)	---	0	1	R/W	COND_CONFIG	96	96	Binary Value- 95
96	Fan type selection (0=inverter; 1=capacity steps)	---	0	1	R/W	COND_OUTP_MODE	97	97	Binary Value- 96

97	Condensation function enable	---	0	1	R/W	ENABLE_COND	98	98	Binary Value- 97
98	High pressure Prevent function enable	---	0	1	R/W	ENABLE_PREVENT	99	99	Binary Value- 98
99	Delivery limit function enable	---	0	1	R/W	Abil_Supply_Limit	100	100	Binary Value- 99
100	Cooling coil enable for dehumidif.	---	0	1	R/W	En_Dehum_Valve	101	101	Binary Value- 100
101	Recovery coil enable	---	0	1	R/W	En_Rec_Valve	102	102	Binary Value- 101
102	Dehumid. contact logic (0=NO; 1=NC)	---	0	1	R/W	LOGIC_DEHUMID	103	103	Binary Value- 102
103	Compressor capacity step enable	---	0	1	R/W	EN_UNLOADER	104	104	Binary Value- 103
104	Cap. step contact logic (0=NC; 1=NO)	---	0	1	R/W	LOGIC_UNLOADER	105	105	Binary Value- 104
105	Temperature reg. type (0=P; 1=P+I)	---	0	1	R/W	REG_Pi_Return	106	106	Binary Value- 105
106	Integr. humidifier enable	---	0	1	R/W	En_Integr_Humid	107	107	Binary Value- 106
107	Carel Master Control enable	---	0	1	R/W	Dist_Cntrl_En	108	108	Binary Value- 107
108	Unit stand-by enable in temperature	---	0	1	R/W	Abil_Force_Sleep	109	109	Binary Value- 108
109	On-Off time zone enable	---	0	1	R/W	On_Off_Timezones	110	110	Binary Value- 109
110	Temperature time zone enable	---	0	1	R/W	EN_TIME_ZONES_T	111	111	Binary Value- 110
111	Humidity time zone enable	---	0	1	R/W	EN_TIME_ZONES_H	112	112	Binary Value- 111
112	Unit shutdown from key enable	---	0	1	R/W	En_Off_Unit	113	113	Binary Value- 112
113	Remote On-Off digital input enable	---	0	1	R/W	EN_REM_ON_OFF	114	114	Binary Value- 113
114	Unit On-Off from supervisor	---	0	1	R/W	ON_OFF_BOSS	115	115	Binary Value- 114
115	Digital output 7 configuration (0=recovery valve; 1=non-serious alarms)	---	0	1	R/W	N07_Double_Alarms	116	116	Binary Value- 115
116	Temperature unit of measurement selection	---	0	1	R/W	Celsius_Fahr	117	117	Binary Value- 116
117	Request to copy NEW_HOUR into HOUR	---	0	1	R/W	SET_HOUR	118	118	Binary Value- 117
118	Request to copy NEW_MINUTE into MINUTE	---	0	1	R/W	SET_MINUTE	119	119	Binary Value- 118
119	Request to copy NEW_DAY into DAY	---	0	1	R/W	SET_DAY	120	120	Binary Value- 119
120	Request to copy NEW_MONTH into MONTH	---	0	1	R/W	SET_MONTH	121	121	Binary Value- 120
121	Request to copy NEW_YEAR into YEAR	---	0	1	R/W	SET_YEAR	122	122	Binary Value- 121
122	Supervisor alarm reset	---	0	1	R/W	Res_Al_by_BMS	123	123	Binary Value- 122
123	Compressors Off with CT regulation	---	0	1	R/W	CTrec_Offcomp	124	124	Binary Value- 123
124	Heaters and humidifier remote control enable	---	0	1	R/W	en_rem_humres_ctrl	125	125	Binary Value- 124
125	DC reg. logic (Pre - Post)	---	0	1	R/W	Dc_Pre_Post	126	126	Binary Value- 125
126	Black-out alarm enable	---	0	1	R/W	En_Blackout_AI	127	127	Binary Value- 126
127	Unit operating mode (0: cooling; 1: heating)	---	0	1	R	Summer_Winter	128	128	Binary Value- 127
128	Driver 1 Probe S1 alarm	---	0	1	R	AI_Probe_S1	129	129	Binary Value- 128
129	Driver 1 Probe S2 alarm	---	0	1	R	AI_Probe_S2	130	130	Binary Value- 129
130	Driver 1 Probe S3 alarm	---	0	1	R	AI_Probe_S3	131	131	Binary Value- 130
131	Driver 2 Probe S1 alarm	---	0	1	R	AI_Probe_S1_D2	132	132	Binary Value- 131
132	Driver 2 Probe S2 alarm	---	0	1	R	AI_Probe_S2_D2	133	133	Binary Value- 132
133	Driver 2 Probe S3 alarm	---	0	1	R/W	AI_Probe_S3_D2	134	134	Binary Value- 133
134	Diff. air pressure sensor enable	---	0	1	R/W	En_Air_Press	135	135	Binary Value- 134
135	Diff. air pressure sensor alarm	---	0	1	R	AI_Air_Press	136	136	Binary Value- 135
136	ComboBox: Allarme generale Combo Driver	---	0	1	R	Combo_GLOBAL_ALARM	137	137	Binary Value- 136
137	Combo Drive off-line alarm	---	0	1	R	AI_Offline_Combo	138	138	Binary Value- 137
138	ComboBox: Communication loss with Power+ Inverter	---	0	1	R	CB_AI_Offline_Inverter	139	139	Binary Value- 138
139	ComboBox: Allarme DeltaP partenza disabilitata (troppo tempo)	---	0	1	R	CB_AI_Disable_Start_DP	140	140	Binary Value- 139
140	ComboBox: Allarme falliti avvii compressore	---	0	1	R	CB_Or_AI_Start_Failure	141	141	Binary Value- 140
141	ComboBox: Allarme sonda guasta (ingresso analogico B3)	---	0	1	R	CB_mAI_B3	142	142	Binary Value- 141
142	ComboBox: Allarme sonda guasta (ingresso analogico B4)	---	0	1	R	CB_mAI_B4	143	143	Binary Value- 142
143	ComboBox: Allarme sonda guasta (ingresso analogico B5)	---	0	1	R	CB_mAI_B5	144	144	Binary Value- 143
144	ComboBox: Allarme sonda guasta (ingresso analogico B6)	---	0	1	R	CB_mAI_B6	145	145	Binary Value- 144
145	ComboBox: Allarme sonda guasta (ingresso analogico B7)	---	0	1	R	CB_mAI_B7	146	146	Binary Value- 145
146	ComboBox: Allarme massima pressione di scarico	---	0	1	R	CB_mAI_High_Pressure	147	147	Binary Value- 146
147	ComboBox: Allarme minima pressione di aspirazione	---	0	1	R	CB_mAI_Low_Pressure	148	148	Binary Value- 147
148	ComboBox: Allarme temperatura di scarico	---	0	1	R	CB_AI_High_Temp_Discharge	149	149	Binary Value- 148
149	ComboBox: Differenza di pressione minore del minimo specificato	---	0	1	R	CB_AI_Delta_Pressure	150	150	Binary Value- 149
150	ComboBox: Allarme LowSH (basso surriscaldamento) - Driver valvola	---	0	1	R	CB_Low_SH_Alarm	151	151	Binary Value- 150
151	ComboBox: Allarme MOP - Driver valvola	---	0	1	R	CB_MOP_Alarm	152	152	Binary Value- 151
152	ComboBox: Allarme bassa temperatura di aspirazione - Driver valvola	---	0	1	R	CB_Low_Suct_Alarm	153	153	Binary Value- 152
153	ComboBox: Il compressore ha superato il massimo tempo di funzionamento all'esterno del suo limite di inviluppo	---	0	1	R	CB_Env_Alarm	154	154	Binary Value- 153
154	ComboBox: Allarme generale inverter	---	0	1	R	CB_Inverter_Alarm	155	155	Binary Value- 154
155	Selection type main regulation	---	0	1	R/W	En_Reg_Supply_Temp	156	156	Binary Value- 155
156	Maximum limit of Temperature Setpoint	---	0	1	R/W	En_Reg_Supply_Temp1	157	157	Binary Value- 156
157	Supply Temp. regulation type (0=P; 1=P+I)	---	0	1	R/W	REG_Pi_Sup	158	158	Binary Value- 157
158	Temperature time zone enable	---	0	1	R/W	EN_TIME_ZONES_Sup	159	159	Binary Value- 158
159	EVD alarms reset	---	0	1	R/W	Reset_Alarm	160	160	Binary Value- 159
160	Status heater 1	---	0	1	R	HEATER1	161	161	Binary Value- 160
161	Status heater 2	---	0	1	R	HEATER2	162	162	Binary Value- 161
162	Status compressor 1	---	0	1	R	COMPRESSOR1	163	163	Binary Value- 162
163	Status compressor 2	---	0	1	R	COMPRESSOR2	164	164	Binary Value- 163
164	Cooling status	---	0	1	R	Cooling_Status_Syson	165	165	Binary Value- 164
165	Heating Status	---	0	1	R	Heating_Status_Syson	166	166	Binary Value- 165
166	Humidification status	---	0	1	R	humid	167	167	Binary Value- 166
167	Dehumidification status	---	0	1	R/W	Or_Comp1_2_Dehum	168	168	Binary Value- 167
168	Enable air flow press	---	0	1	R	Enable_Air_Press	169	169	Binary Value- 168