

# MODBUS 地址对照表

DIGITAL VARIABLES 数字变量

LD 3.35

ID	DESCRIPTION	机组运行状态	MEASURE UNIT	READ/ WRITE
	UNIT STATUS			
1	UNIT(Evaporating Fan)ON	风机运行状态		R
2	Compressor 1	压缩机1	-	R
3	Compressor 2	压缩机2	-	R
4	Electrical Heaters 1	电加热1	-	R
5	Electrical Heaters 2	电加热2	-	R
6	Dehumidification	除湿	-	R
7	Hot gas by-pass	热气旁通	-	R
8	Humidification	加湿	-	R
9	Emergency Mode	紧急模式	-	R
10	Direct Free-Cooling	直接冷却	-	R
11	Probe for regulation	探头调节	-	R
15	Compressor 3	压缩机3	-	R
18	Water circuit 1 open(only for AB unit)	水回路1开(适用于AB机组)	-	R
19	Water circuit 2 open(only for AB unit)	水回路2开(适用于AB机组)	-	R
	<b>ALARM</b>	<b>报警</b>		
20	Wrong Phase Sequence	相序错误	-	R
21	Smoke/fire or flooding (only EX units with PCO1-small)	烟/火或溢水报警 (适用于PCO1小型扩展板)	-	R
22	Smoke/fire	烟/火	-	R
23	flooding	溢水报警	-	R
24	Loss of air flow	低风量报警	-	R
25	High pressure-circuit 1	高压报警(回路1)	-	R
26	High pressure-circuit 2	高压报警(回路2)	-	R
27	Low pressure-circuit 1	低压报警(回路1)	-	R
28	Low pressure-circuit 2	低压报警(回路2)	-	R
31	Heaters overheating	电加热过热报警	-	R
32	Dirty filter	过滤器脏堵报警	-	R
33	Humidifier-High Current	加湿器过电流报警	-	R
34	Humidifier-No water	加湿器缺水报警	-	R
35	Humidifier-Low Current	加湿器低电流报警	-	R
36	EEPROM Failure	EEPROM 失效报警	-	R
37	Loss of water flow	水流量低报警	-	R
38	Room temperature sensor failure	室内温度传感器失效报警	-	R
39	Room humidity sensor failure	室内湿度传感器失效报警	-	R
40	Supply air temperature sensor failure	送风温度传感器失效报警	-	R
41	Cold water temperature sensor failure	冷冻水温度传感器失效报警	-	R
42	Hot water temperature sensor failure	热水水温度传感器失效报警	-	R
43	Outdoor air temperature sensor failure	室外温度传感器失效报警	-	R
44	LAN disconnected	LAN 未连接	-	R
45	High room temperature	室内温度过高报警	-	R
46	Low room temperature	室内温度过低报警	-	R
47	High room humidity	室内湿度过高报警	-	R
48	Low room humidity	室内湿度过低报警	-	R
49	High water temperature	水温过高报警	-	R
50	Wrong password	密码错误报警	-	R
51	General Alarm	综合报警	-	R
52	Maintenance Signalling	维护提示	-	R
53	Differential pressure sensor failure	压差传感器故障	-	R
54	Expansion alarm	扩展板报警	-	R
55	Inverter Alarm	变频器报警	-	R
56	Envelop Alarm	运行范围报警	-	R
57	Inconsistent Polygon Envelop Alarm	不一致的多边形运行范围报警	-	R
58	Delta pressure Alarm (only for Inverter compressor)	恒定压力报警 (仅适用于变频压缩机)	-	R
59	Frost protection	防冻保护	-	R
60	Frost protection circuit 2 (only for 2 compressor with EEV)	回路2防冻保护 (仅适用带EEV的双压缩机)	-	R
61	Compressor discharge Alert limit	压缩机排气警戒限制动作	-	R
62	Compressor discharge Protection	压缩机排气警戒保护限制动作	-	R
63	Compressor discharge lock limit	压缩机排气封锁限制动作	-	R
64	Humidifier-High water level alarm	加湿器-高水位报警	-	R
	<b>COMMANDS</b>	<b>面板</b>		
80	ON/OFF unit	机组 ON/OFF	-	R/W
81	Alarm Reset	报警复位	-	R/W
85	Switch-over CW-DX (only for AD-AT unit;0=work with DX;1=work with CW)	CW-DX切换 (仅适用于AD-AT机组; 0=DX工作模式; 1=CW工作模式)	-	R/W
86	Summer/Winter(only for AB-AC unit)	夏/冬(仅适用于AB-AC机组)	-	R/W
87	Switch coil(only for AB unit ;0=work with circuit 1;1=work with circuit 2;)	切换盘管 (适用于AB机组, 0=回路1工作; 1=回路2工作)	-	R/W

ANALOGIC VARIABLES 模拟变量

ID	DESCRIPTION		MEASURE UNIT	READ/ WRITE
	SENSORS VALUES	传感器数值		
1	Room temperature	室内温度	℃	R
2	Room relative humidity	室内相对湿度	%	R
3	Supply air temperature	送风温度	℃	R
4	Cold water temperature	冷冻水温度	℃	R
5	Hot water temperature	热水温度	℃	R
6	Outdoor air temperature	室外温度	℃	R
7	Reguration temperature	调节温度	℃	R
11	cold water temperature circuit2 (only for AB unit)	回路2冷水温度 (适用于AB机组)	℃	R
OUTPUT VALUES		输出值		
8	Cold water value ramp	比例调节-冷冻水阀	%	R
9	Hot water value ramp	比例调节-热水阀	%	R
10	Evaporating fan speed	风机转速	%	R
12	Free-Cooling position	自然冷却位置	%	R
13	Dry-cooler speed	干冷器速度	%	R
14	Inverter speed	变频器速度	%	R
15	Condensing fan speed	冷凝器风机速度	%	R
16	High pressure	高压传感器	bar	R
17	Low pressure	低压传感器	bar	R
18	High pressure circuit 2	高压传感器回路2	bar	R
19	Low pressure circuit 2	低压传感器回路2	bar	R
28	Cold water valve ramp circuit 2 (only for AB unit)	回路2冷水阀开度 (适用于AB机组)	%	R
29	Compressor discharge temperature	压缩机排气温度	℃	R
30	Supply Humidity value(from EXP 5)	出风湿度值(来自EXP 5)	%	R
31	Supply temperature value(from EXP 5)	出风温度值(来自EXP 5)	℃	R
SET POINTS		设定值		
20	Cooling setpoint	制冷设定温度	℃	R/W
21	Heating setpoint	加热设定温度	℃	R/W
22	Cooling setpoint 2(only for scheduler)	制冷设定点2 (仅适用于时间表)	℃	R/W
23	Heating setpoint 2(only for scheduler)	制热设定点2 (仅适用于时间表)	℃	R/W

INTEGER VARIABLES 整数变量

ID	DESCRIPTION		MEASURE UNIT	READ/ WRITE
	CLOCK(only with clock option)	时钟 (仅适用于带时钟卡选项)		
134	Current Minute	当前分钟	-	R
135	Current Hour	当前小时	-	R
136	Current Day	当前日期	-	R
137	Current Month	当前月份	-	R
138	Current Year	当前年度	-	R
SET POINTS		设定值		
148	Dehumidification set	除湿设定点	%	R/W
149	Humidification set	加湿设定点	%	R/W
150	High room temperature threshold	室内温度过高阈值	℃	R/W
151	Low room temperature threshold	室内温度过低阈值	℃	R/W
152	High room humidity threshold	室内湿度过高阈值	%	R/W
153	Low room humidity threshold	室内湿度过低阈值	%	R/W
154	Regular speed config	风机调速	%	R/W
155	DP target config	DP目标配置	pa	R/W
156	Min vel DP config[max=20]	DP最小风速配置[最大=20]	%	R/W
157	Current pressure value	当前压力值	bar	R
158	Current Delta P status value (0=on target;1=regulation;2=starting; 3=Minimum speed;4=unit off;5=alarm)	当前Delta P状态 (0=达到目标;1=调节;2=开始; 3=最小速度;4=机组关;5=报警)	-	R
OUTPUT VALUES		输出值		
143	Dinamic setpoint value	动态设定值	-	R
Alarm		报警		
160*	Type Alarm Supervisor (reserved for climaveneta)	监督类型报警(给CV保留的)	-	R

ID	DESCRIPTION		MEASURE UNIT	READ/WRITE
	OPERATING HOURS	操作时间		
170	Unit operation hours(thousands)	机组运转时间 (千)	-	R
171	Unit operation hours(units)	机组运转时间 (单位)	-	R
172	Compressor 1 operating	压缩机1运转时间 (千)	-	R
173	Compressor 1 operating hours(units)	压缩机1运转时间 (单位)	-	R
174	Compressor 2 operating	压缩机2运转时间 (千)	-	R
175	Compressor 2 operating hours(units)	压缩机2运转时间 (单位)	-	R
176	Compressor 3 operating	压缩机3运转时间 (千)	-	R
177	Compressor 3 operating hours(units)	压缩机3运转时间 (单位)	-	R
178	Heating element 1 operating hours(thousands)	电加热1运转时间 (千)	-	R
179	Heating element 1 operating	电加热1运转时间 (单位)	-	R
180	Heating element 2 operating hours(thousands)	电加热2运转时间 (千)	-	R
181	Heating element 2 operating	电加热2运转时间 (单位)	-	R
182	Humidifier operating	加湿器运转时间 (千)	-	R
183	Humidifier operating hours(units)	加湿器运转时间 (单位)	-	R