

Haier Modbus point list

V2.7(20190104)

Default properties:

Baud rate:9600bps Data bits:8
 Parity: None Stop bits:1

This protocol uses the following four MODBUS data types. :

type of data	function code	Access type
Discrete Inputs	0x02	READ ONLY
Coil	0x01	READ
	0x05/0x0F	WRITE
Input Register	0x04	READ ONLY
Holding Register	0x03	READ
	0x06/0x10	WRITE

1. **Discrete Inputs**—**0x02** 1-EXIST, 0- NOT EXIST ; 1-ON LINE, 0-OFF LINE

REGISTER ADDRESS	POINT NAME	EXPLANATION
0000	INDOOR1 EXIST OR NOT	READ ONLY 1-EXIST, 0- NOT EXIST
0001	INDOOR1 ON LINE OR NOT	READ ONLY 1-ON LINE, 0-OFF LINE
0002	INDOOR2 EXIST OR NOT	READ ONLY 1-EXIST, 0- NOT EXIST
0003	INDOOR2 ON LINE OR NOT	READ ONLY 1-ON LINE, 0-OFF LINE
.....		
00126	INDOOR64 EXIST OR NOT	READ ONLY 1-EXIST, 0- NOT EXIST
00127	INDOOR64 ON LINE OR NOT	READ ONLY 1-ON LINE, 0-OFF LINE

2. Coil--0x01 1-ON, 0-OFF

REGISTER ADDRESS	POINT NAME	EXPLANATION
00000	INDOOR1 ON/OFF	READ/WRITE 1-ON, 0-OFF
00001	INDOOR2 ON/OFF	READ/WRITE 1-ON, 0-OFF
00002	INDOOR3 ON/OFF	READ/WRITE 1-ON, 0-OFF
00003	INDOOR4 ON/OFF	READ/WRITE 1-ON, 0-OFF
.....		
00062	INDOOR63 ON/OFF	READ/WRITE 1-ON, 0-OFF
00063	INDOOR64 ON/OFF	READ/WRITE 1-ON, 0-OFF

3. Input Register --0x04 READ ONLY

REGISTER ADDRESS	POINT NAME	RANGE	UNIT
0	INDOOR1 AMBIENT TEMP	-30 - 60 (-22 - 140)	1 °C (°F)
1	INDOOR1 ERROR CODE	0-256	0-NORMAL
2	INDOOR1 HP	0-150 (0-1440)	0.1 HP (KBTU/H)
3	INDOOR2 AMBIENT TEMP	-30 - 60 (-22 - 140)	1 °C (°F)
4	INDOOR2 ERROR CODE	0-256	0-NORMAL
5	INDOOR2 HP	0-150 (0-1440)	0.1 HP (KBTU/H)
.....			
189	INDOOR64 AMBIENT TEMP	-30 - 60 (-22 - 140)	1 °C (°F)
190	INDOOR64 ERROR CODE	0-256	0-NORMAL
191	INDOOR64 HP	0-150 (0-1440)	0.1 HP (KBTU/H)
192	INDOOR 1 S-CODE		S-CODE
193	INDOOR 2 S-CODE		S-CODE
194	INDOOR 3 S-CODE		S-CODE
195	INDOOR 4 S-CODE		S-CODE
.....			
253	INDOOR 62 S-CODE		S-CODE
254	INDOOR 63 S-CODE		S-CODE
255	INDOOR 64 S-CODE		S-CODE

4. Holding Register -0x03

REGISTER ADDRESSES	POINT NAME	RANGE	REMARK AND UNIT
0	INDOOR1 SET TEMP	16-30 (61-86)	READ/WRITE 1 °C (°F)
1	INDOOR1 RUNNING MODE	1-5	READ/WRITE 1-COOL 2-HEAT 3-DRY 4-FAN 5-AUTO
2	INDOOR1 FAN SPEED	1-4	READ/WRITE 1-LOW, 2-MID, 3-HIG 4-AUTO
3	INDOOR1 CONTROL MODE	1-4	READ/WRITE 1 -NORMAL, 2-LAST IN FIRST OUT, 3-CENTRAL CONTROL, 4-LOCK
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252	INDOOR64 SET TEMP	16-30 (61-86)	READ/WRITE 1 °C (°F)
253	INDOOR64 RUNNING MODE	1-5	READ/WRITE 1-COOL 2-HEAT 3-DRY 4-FAN 5-AUTO
254	INDOOR64 FAN SPEED	1-4	READ/WRITE 1-LOW, 2-MID, 3-HIG 4-AUTO
255	INDOOR64 CONTROL MODE	1-4	READ/WRITE 1 -NORMAL, 2-LAST IN FIRST OUT, 3-CENTRAL CONTROL, 4-LOCK