

MEITAVTEC LTD, 9/3/2017 09:36:00, PIC18F4620

OBJECT LIST FOR CTU4500 C3 1S 17176502

MODBUS RTU Mode, Address Slave 1-247, TimeOut 100ms, Baud 9600, n, 8, 1

All Registers Signed Integer 16 bit, W-Register Writable

Command: 0x03 = Read Holding Registers

0x06 = Preset Single Register

0x10 = Preset Multiple Registers

0x2B = Read Device Identification (Basic = 0x01, Regular = 0x02)

**Register number = Address + 1**

PDU address Dec, [Hex]	Range	Description	Default
0, [0000]	7...32°C	T1_RoomTemperature	°C
1, [0001]	-40...89°C	T2_ChangeOverSensorTemperature	°C
2, [0002]	-40...89°C	T3_IndoorCoilTemperature	°C
3, [0003]	0-Off, 1-On	DI1	
4, [0004]	0-Off, 1-On	DI2	
5, [0005]	0-Off, 1-On	DI3	
6, [0006]	0-Off, 1-On	DI4	
7, [0007]	0-Off, 1-On	DI5	
8, [0008]	0-Off, 1-On	DI6	
9, [0009]	0-Off, 1-On	DI7	
10, [000A]	0-Off, 1-On	DI8	
11, [000B]	0-Off, 1-On	COMPRESSOR1	0
12, [000C]	0-Off, 1-On	FAN1	0
13, [000D]	0-Off, 1-On	COMPRESSOR2	0
14, [000E]	0-Off, 1-On	FAN2	0
15, [000F]	0-Off, 1-On	COMPRESSOR3	0
16, [0010]	0-Off, 1-On	FAN3	0
17, [0011]	0-Off, 1-On	ALL_WORK	0
18, [0012]	0-Off, 1-On	ALARM_HIGH_TEMPERATURE	0
19, [0013]	0-Off, 1-On	OnOff	0 (W)
20, [0014]	0-Off, 1-On	AutoFan	0 (W)
21, [0015]	0-Off, 1-Restore	RestoreDefault	0 (W)
22, [0016]	0-Off, 1-Lock	LockRoomModule	0 (W)
23, [0017]	0-Off, 1-Lock	LockRoomModuleMode	1 (W)
24, [0018]	0-Off, 1-Lock	LockRoomModuleFanSpeed	1 (W)
25, [0019]	0-Off, 1-Lock	LockRoomModuleSetPoint	0 (W)
26, [001A]	0-Off, 1-Lock	LockRoomModuleOnOff	0 (W)

<b>PDU address Dec, [Hex]</b>	<b>Range</b>	<b>Description</b>	<b>Default</b>
27, [001B]	0-Off, 1-Lock	LockRoomModuleBeeper	0 (W)
28, [001C]	0-Off, 1-On	HighAlarm	0 (R)
29, [001D]	0-Off, 1-On	LowAlarm	0 (R)
30, [001E]	0-Off, 1-On	DelayCompressor	0
31, [001F]	0-Off, 1-On	EnableOvveridelInputOutput	0 (W)
32, [0020]	0-Off, 1-On	ViewFloatValue	0 (W)
33, [0021]	0-Off, 1-On	TestTimingChangeCompressor	0 (W)
34, [0022]	1	Mode (1-Cool)	1 (W)
35, [0023]	1	FanSpeed (1-Low)	1 (W)
36, [0024]	10...30°C	SetPoint	21°C (W)
37, [0025]	10...30°C	SetPointLimitCool	10°C (W)
38, [0026]	10...30°C	SetPointLimitHeat	30°C (W)
39, [0027]	-6...6°C	ReturnAirSensorCalibration	0°C (W)
40, [0028]	0...24 hours	CurrentHoursWorkSelectCompressor	0 hours (W)
41, [0029]	0...365	CurrentDaysWorkCompressors	0 (W)
42, [002A]	0...365	DaysChangeBetweenCompressors	6 (W)
43, [002B]	1, 2, 3	SelectFirstCompressor	1 (W)
44, [002C]	0...3600 sec	CompressorStandByDelay	180 sec (W)
45, [002D]	7...32°C	AlarmTemperatureHigh	28°C (W)
46, [002E]	7...32°C	AlarmTemperatureLow	16°C (W)
47, [002F]	0...30°C	HisteresisAlarmHigh	2°C (W)
48, [0030]	0...30°C	HisteresisAlarmLow	2°C (W)
49, [0031]	0...5°C	Compressor_RegulationTemperatureRange	1°C (W)
50, [0032]	0...10°C	Compressor_Offset_Stage	2°C (W)