

MEITAVTEC LTD, 13/02/2013 16:20:02, PIC18F4620

OBJECT LIST FOR CTU 4500 3 BT 13135501

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

All Registers Signed Integer 16 bit, R-Register Read Only, 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]	Value	Description	Default
0, [0000]	7...32 °C	T1_RoomTemperature	R/W
1, [0001]	-40...89 °C	T2_ChangeOverSensorTemperature	R/W
2, [0002]	-40...89 °C	T3_IndoorCoilTemperature	R/W
3, [0003]	0...100 %	AI1_Input	R/W
4, [0004]	0...100 %	AI2_Input	R/W
5, [0005]	0...10 V	AO1	R/W
6, [0006]	0...10 V	AO2	R/W
7, [0007]	0...3	Mode	1 , R/W
8, [0008]	0...3	FanSpeed	1 , R/W
9, [0009]	10...30 °C	SetPoint	21 °C, R/W
10, [000A]	10...30 °C	SetPointLimitCool	10 °C, R/W
11, [000B]	10...30 °C	SetPointLimitHeat	30 °C, R/W
12, [000C]	0...5 °C	DeadZoneForCool	1 °C, R/W
13, [000D]	0...5 °C	DeadZoneForHeat	1 °C, R/W
14, [000E]	-6...6 °C	ReturnAirSensorCalibration	0 °C, R/W
15, [000F]	0...1	UnOccupancyModeSelect	0 , R/W
16, [0010]	0...3600 sec	TimeSwitchingToUnOccupiedMode	1200 sec, R/W
17, [0011]	0...3600 sec	TimeSwitchingToOccupiedMode	5 sec, R/W
18, [0012]	0...3600 sec	CompressorStandByDelay	240 sec, R/W
19, [0013]	0...600 sec	TimeOnBetweenStages	1 sec, R/W
20, [0014]	0...600 sec	TimeOffBetweenStages	1 sec, R/W
21, [0015]	0...10 °C	CompressorTwoOffset	0 °C, R/W
22, [0016]	0...10 °C	CompressorThreeOffset	0 °C, R/W
23, [0017]	0...10 °C	CompressorFourOffset	0 °C, R/W
24, [0018]	0...2000 sec	TimeDeiceInHeat	300 sec, R/W
25, [0019]	0...2000 sec	TimeBreakDeiceInHeat	1320 sec, R/W
26, [001A]	-40...99 °C	DeiceInCoolCutInTemperature	0 °C, R/W
27, [001B]	-40...99 °C	DeiceInCoolCutOutTemperature	8 °C, R/W
28, [001C]	-40...99 °C	DeiceInHeatCutInTemperature	0 °C, R/W
29, [001D]	-40...99 °C	DeiceInHeatCutOutTemperature	16 °C, R/W
30, [001E]	-40...99 °C	OverHeatInCoolCutInTemperature	70 °C, R/W
31, [001F]	-40...99 °C	OverHeatInCoolCutOutTemperature	55 °C, R/W
32, [0020]	-40...99 °C	OverHeatInHeatCutInTemperature	70 °C, R/W
33, [0021]	-40...99 °C	OverHeatInHeatCutOutTemperature	55 °C, R/W
34, [0022]	0...300 sec	DelayStartingFanInCool	0 sec, R/W

PDU address Dec, [Hex]	Value	Description	Default
35, [0023]	0...300 sec	DelayStoppingFanInCool	0 sec, R/W
36, [0024]	0...300 sec	DelayStartingFanInHeat	0 sec, R/W
37, [0025]	0...300 sec	DelayStoppingFanInHeat	0 sec, R/W
38, [0026]	1-On,0-Off	DI1	R/W
39, [0027]	1-On,0-Off	DI2	R/W
40, [0028]	1-On,0-Off	DI3	R/W
41, [0029]	1-On,0-Off	DI4	R/W
42, [002A]	1-On,0-Off	DI5	R/W
43, [002B]	1-On,0-Off	DI6	R/W
44, [002C]	1-On,0-Off	DI7	R/W
45, [002D]	1-On,0-Off	OccupancySensor	R/W
46, [002E]	1-On,0-Off	DesableDelayCompressor	R/W
47, [002F]	1-On,0-Off	H1_HP	0, R
48, [0030]	1-On,0-Off	COMPRESSOR1	0, R
49, [0031]	1-On,0-Off	COMPRESSOR2	0, R
50, [0032]	1-On,0-Off	COMPRESSOR3	0, R
51, [0033]	1-On,0-Off	OUTDOORFAN	0, R
52, [0034]	1-On,0-Off	FAN_LOW	0, R
53, [0035]	1-On,0-Off	FAN_MEDIUM	0, R
54, [0036]	1-On,0-Off	FAN_HIGH	0, R
55, [0037]	1-On,0-Off	OnOff	1, R/W
56, [0038]	1-On,0-Off	AutoFan	0, R/W
57, [0039]	1-On,0-Off	DisableCtrlOutput	0, R
58, [003A]	1-On,0-Off	DeiceInCool	0, R
59, [003B]	1-On,0-Off	DeiceInHeat	0, R
60, [003C]	1-On,0-Off	DelayCompressor	0, R
61, [003D]	1-On,0-Off	OverheatInCool	0, R
62, [003E]	1-On,0-Off	OverheatInHeat	0, R
63, [003F]	1-On,0-Off	UnOccupancy	0, R
64, [0040]	1-On,0-Off	RestoreDefault	0, R/W