

MEITAVTEC LTD, 1/8/2020 12:49:04, PIC18F4620

OBJECT LIST FOR CTU2501 P2 H3 SUPER EC F 01 20187401

BACNET MSTP, Baud 9600...76800, n, 8, 1

N°	Object	Range, Unit	Object Name	Default, Access
1	Analog Input #0	7...32°C	T1_RoomTemperature	
2	Analog Input #1	-40...89°C	T2_ChangeOverSensorTemperature	
3	Analog Input #2	-40...89°C	T3_IndoorCoilTemperature	
4	Analog Input #3	0...10000 mV	AI1_Input	ctu_CO2_Sensor, mV (W)
5	Analog Input #4	0...10000 mV	AI2_Input	
6	Analog Output #0	0...10000 mV	CoolingOutput	0 mV (W)
7	Analog Output #1	0...10000 mV	FanOutput	0 mV (W)
8	Binary Input #0	0-Off, 1-On	DIPSW21_TestingOccupancySensor	
9	Binary Input #1	0-Off, 1-On	DIPSW22_HeatDigital Heat Binary	
10	Binary Input #2	0-Off, 1-On	DIPSW23_START_STOP Enable Start Stop Mode	
11	Binary Input #3	0-Off, 1-On	DI8_OccupancySensor	
12	Binary Input #4	0-Off, 1-On	DI1_FlowSwitch	
13	Binary Input #5	0-Off, 1-On	DI2_KeyLight	ctu_CTRL_LIGHT
14	Binary Input #6	0-Off, 1-On	DI3	
15	Binary Input #7	0-Off, 1-On	DI4	
16	Binary Input #8	0-Off, 1-On	DI5	
17	Binary Input #9	0-Off, 1-On	DI6	
18	Binary Input #10	0-Off, 1-On	DI7	
19	Binary Output #0	0-Off, 1-On	_13_FAN_POWER	0
20	Binary Output #1	0-Off, 1-On, 1	_15_COOL1	0, 1 (W)
21	Binary Output #2	0-Off, 1-On, 3	_14_HEAT1	0, 3
22	Binary Output #3	0-Off, 1-On	_17_HEAT2	0
23	Binary Output #4	0-Off, 1-On	_18_HEAT3	0
24	Binary Output #5	0-Off, 1-On	_GO_LIGHT_OFF	0
25	Binary Value #0	0-Off, 1-On	OnOff	0
26	Binary Value #1	0-Off, 1-On	UnOccupancy	0
27	Binary Value #2	0-Off, 1-On	AutoFan	0
28	Binary Value #3	0-Off, 1-Celsius	Celsius	1-Celsius
29	Binary Value #4	0-NOP, 1-Restore	RestoreDefault	0
30	Binary Value #5	0-Off, 1-On	ReleaseEffectiveValue	0
31	Binary Value #6	0-Off, 1-On	PanelTemperatureDisplay	1
32	Binary Value #7	0-Off, 1-On	EnableOvverideInputOutput	0
33	Binary Value #8	0-Off, 1-On	ViewFloatValue	Not in use
34	Binary Value #9	0-Off, 1-On	DisableOccupancySensor	0
35	Binary Value #10	0-Off, 1-On	DI8_OccupancySensor_Polarity	0

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36	Binary Value #11	0-Off, 1-On	DI1_FlowSwitch_Polarity	0
37	Binary Value #12	0-Off, 1-On	DI2_KeyLight_Polarity	0 (W)
38	Binary Value #13	0-Off, 1-On	DI3_Polarity	0
39	Binary Value #14	0-Off, 1-On	DI4_Polarity	0
40	Binary Value #15	0-Off, 1-On	DI5_Polarity	0
41	Binary Value #16	0-Off, 1-On	DI6_Polarity	0
42	Binary Value #17	0-Off, 1-On	DI7_Polarity	0
43	Binary Value #18	0-Off, 1-Lock	LockRoomModule	0
44	Binary Value #19	0-Off, 1-Lock	LockRoomModuleMode	0
45	Binary Value #20	0-Off, 1-Lock	LockRoomModuleSetPoint	0
46	Binary Value #21	0-Off, 1-Lock	LockRoomModuleFanSpeed	0
47	Binary Value #22	0-Off, 1-Lock	LockRoomModuleOnOff	0
48	Binary Value #23	0-Off, 1-Lock	LockRoomModuleBeeper	0
49	Analog Value #0	0...3	Mode (0-FanOnly; 1-Cool; 2-Heat; 3-AutoChange)	1 (W)
50	Analog Value #1	0...3	FanSpeed (0-AutoSpeed; 1-Low; 2-Medium; 3-High)	1 (W)
51	Analog Value #2	10...30°C	SetPoint	21°C (W)
52	Analog Value #3	10...30°C	SetPointLimitCool	10°C (W)
53	Analog Value #4	10...30°C	SetPointLimitHeat	30°C (W)
54	Analog Value #5	10...30°C	SetPointEffective	0°C
55	Analog Value #6	0...5°C	DeadZoneForCool	1°C (W)
56	Analog Value #7	0...5°C	DeadZoneForHeat	1°C (W)
57	Analog Value #8	0...60 sec	HEAT_RELAY_TimeDelayOnNext	1 sec (W)
58	Analog Value #9	0...60 sec	HEAT_RELAY_TimeDelayOffNext	1 sec (W)
59	Analog Value #10	-6...6°C	ReturnAirSensorCalibration	0°C (W)
60	Analog Value #11	1...300 sec	COOL_TS_SamplePeriod	1 sec (W)
61	Analog Value #12	1...10°C	COOL_RTR_RegulationTemperatureRange	3°C (W)
62	Analog Value #13	-32768...32767	COOL_KPC_ProportionalConstant	10 (W)
63	Analog Value #14	-32768...32767	COOL_KIC_IntegralConstant	10 (W)
64	Analog Value #15	-32768...32767	COOL_KDC_DerivativeConstant	50 (W)
65	Analog Value #16	0...100%	COOL_Demand	0%
66	Analog Value #17	0...100%	COOL_MinimumValue	0% (W)
67	Analog Value #18	0...100%	COOL_MaximumValue	100% (W)
68	Analog Value #19	1...300 sec	HEAT_TS_SamplePeriod	2 sec (W)
69	Analog Value #20	1...10°C	HEAT_RTR_RegulationTemperatureRange	3°C (W)
70	Analog Value #21	-32768...32767	HEAT_KPC_ProportionalConstant	10 (W)
71	Analog Value #22	-32768...32767	HEAT_KIC_IntegralConstant	10 (W)
72	Analog Value #23	-32768...32767	HEAT_KDC_DerivativeConstant	50 (W)
73	Analog Value #24	0...100%	HEAT_Demand	0%
74	Analog Value #25	0...100%	HEAT_MinimumValue	0% (W)
75	Analog Value #26	0...100%	HEAT_MaximumValue	100% (W)
76	Analog Value #27	0...300 sec	COOL_DelayStartingFan	0 sec (W)
77	Analog Value #28	0...300 sec	COOL_DelayStoppingFan	0 sec (W)

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78	Analog Value #29	0...300 sec	HEAT_DelayStartingFan	0 sec (W)
79	Analog Value #30	0...300 sec	HEAT_DelayStoppingFan	30 sec (W)
80	Analog Value #31	0...3600 sec	TimeSwitchingToUnOccupiedMode	1200 sec (W)
81	Analog Value #32	0...5	UnOccupancyModeSelect (0-OnOff; 1-StartStop; 2-LightOnly; 3-Economy; 4-TermostatOnly; 5-TermostatOnlyStartStop)	0 (W)
82	Analog Value #33	0, 1	ThermostatStartStop	0 (W)
83	Analog Value #34	0...5000 ppm	CO2_FromPanel	0 ppm (W)
84	Analog Value #35	0...5000 ppm	CO2_MinimumValue	0 ppm (W)
85	Analog Value #36	0...5000 ppm	CO2_MaximumValue	2000 ppm (W)
86	Analog Value #37	0...5000 ppm	CO2_EffectiveValue	0 ppm
87	Analog Value #38	0...1	CO2_Alarm	0
88	Analog Value #39	0...100%	HUMIDITY_MinimumValue	20% (W)
89	Analog Value #40	0...100%	HUMIDITY_MaximumValue	90% (W)
90	Analog Value #41	0...100%	HUMIDITY_FromPanel	0%
91	Analog Value #42	0...100%	HUMIDITY_EffectiveValue	0%
92	Analog Value #43	0...1	HUMIDITY_Alarm	0
93	Analog Value #44	20...30%	FAN_LowValue	30% (W)
94	Analog Value #45	30...60%	FAN_MediumValue	50% (W)
95	Analog Value #46	60...100%	FAN_HighValue	100% (W)
96	Analog Value #47	0...100%	FAN_MinimumValue	0% (W)
97	Analog Value #48	0...100%	FAN_AUTO_SPEED_MinimumValue	27% (W)
98	Analog Value #49	0...100%	FAN_AUTO_SPEED_MaximumValue	100% (W)
99	Analog Value #50	0...5°C	FAN_RegulationTemperatureRange	2°C (W)
100	Analog Value #51	0...100%	FAN_Demand	0%
101	Analog Value #52	0...100%	FAN_EffectiveValue	0%
102	Analog Value #53	0...10 sec	PanelTimeChangeDisplay (0-Temperature Only; 10-Humidity Only)	0 sec (W)
103	Analog Value #54	0...4095	LocalNetworkNumber	0 (W)