

MTS(V)(C)(24)/SUPER Family

OBJECT LIST FOR MTSC SUPER (ID = 16415310) 16, April, 2020

MODBUS RTU Mode, Address Slave 1-247, Baud rate: 9600, n, 8, 1

Supported Commands: 0x03 = Read Holding Registers (for all). 0x06 = Preset Single Register (For R/W registers only).

Command 0x2B will be used to identify the cassette controller as follows.

Request:

Function 0x2B (Encapsulated Interface Transport)

MEI Type 0x0E (Read Device Identification)

Read Dev ID code 0x03 (request to get the Extended Device Identification)

Object ID (0x80...0xFF) *The range [0x80 – 0xFF] is Product-dependent.*

0x80: 0x01 (cassette ID=0x01)

0x81: 0x01 (version = 0x01)

0x82: 0x4C (release = 01 – for example, last release on)

...

0xFF

Function 0x2B (Encapsulated Interface Transport)

MEI Type 0x0E (Read Device Identification)

Read Dev ID code 0x01 (request to get the Basic Device Identification)

Note 1. The MODBUS Register No. X is addressed in the MODBUS Register Address (PDU) X-1.

All Modbus Registers are signed Integer 16 bit.

ObjectId	Object Name / Description	Type	M/O	Category
0x00	VendorName	ASCII String	Mandatory	Basic
0x01	ProductCode	ASCII String	Mandatory	Basic
0x03	MajorMinorRevision	ASCII String	Mandatory	Basic

VendorName = "Meitav-Tec Ltd".

ProductCode = "16415310"

MajorMinorRevision = "0.2.2297"

Function 0x2B (Encapsulated Interface Transport)

MEI Type 0x0E (Read Device Identification)

Read Dev ID code 0x02 (request to get the Regular Device Identification)

ObjectId	Object Name / Description	Type	M/O	Category
0x03	VendorUrl	ASCII String	Optional	Regular
0x04	ProductName	ASCII String	Optional	Regular
0x05	ModelName	ASCII String	Optional	Regular
0x06	UserApplicationName	ASCII String	Optional	Regular

VendorUrl = "meitavtec.com"
 ProductName = "MTSC/SUPER", "MTSC24/SUPER"
 ModelName = "16415310"
 UserApplicationName = "MTSC/SUPER", "MTSC24/SUPER"

* Parameters assigned with asterisk (*), can hold either integer or float values, depending on the value of object "ViewFloatValue" as follows:

ViewFloatValue = 0 – Parameter will hold INTEGER values.

ViewFloatValue = 1 – Parameters will hold FLOAT values.

The float values are represented by the corresponding integer, multiplied by 10.

Example: float value 23.5 will be represented by the integer 235.

Writhing to float values is only allowed with multiplies of 0.5 (i.e. 23, 23.5, 24, 24.5 ...).

Register number (Reg) = Address + 1

Modbus AC Object List

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
1	00 [0x00]	-20...100 °C (-4...212°F)	T1_AIN	X	R	
2	01 [0x01]	-20...100 °C (-4...212°F)	IN1_AIN	X	R	
3	02 [0x02]	0...100%	AO_Cool	x	R	
4	03 [0x03]	0...100%	AO_Heat	x	(read only)	
5	04 [0x04]	0...100%	AO_Fan	x	R	

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
6	05 [0x05]	5...35°C (41...95°F)	SetPoint	23°C (73°F)	R/W	*
7	06 [0x06]	5...35°C (41...95°F)	SetPointHeat	22°C (72°F)	R/W	*
8	07 [0x07]	5...35°C (41...95°F)	SetPointEffective	23°C (73°F)	R	*
9	08[0x08]	0...100°C (32...212°F)	AmbientTemperatureEffective	x	R	*
10	09 [0x09]	0 – Fan Only 1 – Cool 2 – Heat 3 – Auto	Mode	1 – Cool	R/W	
11	10 [0x0A]	0 – Fan Only 1 – Cool 2 – Heat 4 – Off	ModeEffective	4 – Off	R	
12	11 [0x0B]	0 - Auto 1 - Low 2 - Medium 3 - High	FanSpeed	0	RW	
13	12 [0x0C]	1 – On 4 – Off	FanEffective	4 – Off	R	
14	13 [0x0D]	-6...6°C (-9...9°F)	ReturnAirSensorCalibration	0	R/W	*
15	14 [0x0E]	5...35°C (41...95°F)	SetPointLimitCool	10°C (50°F)	R/W	
16	15 [0x0F]	5...35°C (41...95°F)	SetPointLimitHeat	30°C (86°F)	R/W	
17	16 [0x10]	5...35°C (41...95°F)	EconomySetPointInCool	30°C (86°F)	R/W	
18	17 [0x11]	5...35°C (41...95°F)	EconomySetPointInHeat	10°C (50°F)	R/W	
19	18 [0x12]	0 – Unoccupied 1 – Occupied 2 - Temporary occupied	OccupancyEffectiveHVAC	1 – Occupied	R	
20	19 [0x13]	0 – Occupancy sensor logic not in use 1 – Occupancy sensor logic controls HVAC	OccupancySensorAuthority	1 – Occupancy sensor logic HVAC	R/W	
21	20 [0x14]	0 - On/Off logic 1 – Start/Stop logic 2 – Change setpoint logic	OccupancySensorFunction	2 – Change setpoint logic	R/W	
22	21 [0x15]	0...250 min	OccupancySensorHVACDelayTime	20 min	R/W	
23	22 [0x16]	0 – Thermostat turn off when unoccupied 1 – Thermostat use economy/dehumidity unoccupied set point 2 – air-refresh	DoorSwitchOrKeyTag_Function	1	R/W	
24	23 [0x17]	0...999 sec	TimeSwitchingToOccupiedMode	1	R/W	

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
25	24 [0x18]	00 – IN1, IN0 terminals not in use 01 – T2 – outdoor sensor 02 – T3 indoor sensor 03 – Remote on/off switch 04 – Remote economy switch 05 – External PIR	IN1_Function	0	R/W	
26	25 [0x19]	0...999 sec	WindowContactDelayTime	0	R/W	
27	26 [0x1A]	0...999 sec	DoorSwitchDelayTime	0	R/W	
28	27 [0x1B]	0...99°C (32...210°F)	T2_Effective	-	R	*
29	28 [0x1C]	0...99°C (32...210°F)	T3_Effective	-	R	*
30	29 [0x1D]	0...600 sec	CoolFanOffDelay	0 sec	R/W	
31	30 [0x1E]	0...600 sec	HeatFanOffDelay	30 sec	R/W	
32	31 [0x1F]	8...15°C (46...59°F)	FreezeProtectionCutInSetpoint	8°C (46°F)	R/W	
33	32 [0x20]	10...17°C (50...63°F)	FreezeProtectionCutOutSetpoint	10°C (50°F)	R/W	
34	33 [0x21]	0...999 hours	FilterCounter	0 hours	R/W	
35	34 [0x22]	0...999 hours; 0 – disable filter alarm	FilterAlarmTimeDelay	0 hours	R/W	
36	35 [0x23]	0...5°C (0...10°F)	CoolDifferentialBand	1°C (2°F)	R/W	*
37	36 [0x24]	-5...5°C (-10...10°F)	CoolDifferentialBandOffset	0°C (0°F)	R/W	*
38	37 [0x25]	0...5°C (0...10°F)	HeatDifferentialBand	1°C (2°F)	R/W	*
39	38 [0x26]	-5...5°C (-10...10°F)	HeatDifferentialBandOffset	0°C (0°F)	R/W	*
40	39 [0x27]	0...10°C (0...20°F)	ShiftBetweenCoolAndHeat	2°C (4°F)	R/W	*
41	40 [0x28]	0...10°C (0...20°F)	ShiftBetweenCoolStages	2°C (4°F)	R/W	*
42	41 [0x29]	0...49°C (0...98°F)	ShiftBetweenHeatStages	2°C (4°F)	R/W	*
43	42 [0x2A]	0...600 sec	TimeDelayOnNextCoolStage	5 sec	R/W	
44	43 [0x2B]	0...600 sec	TimeDelayOnNextHeatStage	5 sec	R/W	
45	44 [0x2C]	0...600 sec	TimeDelayOffNextCoolStage	1 sec	R/W	
46	45 [0x2D]	0...600 sec	TimeDelayOffNextHeatStage	1 sec	R/W	
47	46 [0x2E]	0...360 sec	CompressorStandbyDelay	10 sec	R/W	
48	47 [0x2F]	-9.5...99°C (15...210°F)	DeiceInCoolCutInTemperature	0°C (32°F)	R/W	*

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
49	48 [0x30]	-9.5...99°C (15...210°F)	DeiceInCoolCutOutTemperature	8°C (46°F)	R/W	*
50	49 [0x31]	120...420 sec	DeiceInHeatTime	300 sec	R/W	
51	50 [0x32]	600...1800 sec	DeiceInHeatBreakTime	1500 sec	R/W	
52	51 [0x33]	-9.5...99°C (15...210°F)	DeiceInHeatCutInTemperature	0°C (32°F)	R/W	*
53	52 [0x34]	-9.5...99°C (15...210°F)	DeiceInHeatCuOutTemperature	16°C (61°F)	R/W	*
54	53 [0x35]	5...99 min	BackLightDimTime	5 min	R/W	
55	54 [0x36]	10...90%	BackLightDimValue	10%	R/W	
56	55 [0x37]	50...100%	BackLightBrightness	100%	R	
57	56 [0x38]	2...10°C (4...20°F)	CoolVFSProportionalBand	2°C (4°F)	R/W	*
58	57 [0x39]	2...10°C (4...20°F)	HeatVFSProportionalBand	2°C (4°F)	R/W	*
59	58 [0x3A]	0...30%	CoolVFSLowSpeedPercent	20%	R/W	
60	59 [0x3B]	30...60%	CoolVFSMediumSpeedPercent	50%	R/W	
61	60 [0x3C]	60...100%	CoolVFSHighSpeedPercent	90%	R/W	
62	61 [0x3D]	0...30%	HeatVFSLowSpeedPercent	30%	R/W	
63	62 [0x3E]	30...60%	HeatVFSMediumSpeedPercent	50%	R/W	
64	63 [0x3F]	60...100%	HeatVFSHighSpeedPercent	80%	R/W	
65	64 [0x40]	10...50%	VFSMediumSpeedDiff	35%	R/W	
66	65 [0x41]	10...50%	VFSHighSpeedDiff	35%	R/W	
67	66 [0x42]	0...100%	CoolVFSLowLimit	0%	R/W	
68	67 [0x43]	0...100%	CoolVFSHighLimit	100%	R/W	
69	68 [0x44]	0...100%	HeatVFSLowLimit	0%	R/W	
70	69 [0x45]	0...100%	HeatVFSHighLimit	100%	R/W	
71	70 [0x46]	0 – Open 1 – Close	S1_1_FanSpeeds	X	R	
72	71 [0x47]	0 – Open 1 – Close	S1_2_FanSpeeds	X	R	
73	72 [0x48]	0 – Open 1 – Close	S1_3_HC_HP	X	R	
74	73 [0x49]	0 – Open 1 – Close	S1_4_HPInCool_HCElectrical	X	R	
75	74 [0x4A]	0 – Delay On 1 – Delay Off	S1_5_CompressorDelay	X	R	
76	75 [0x4B]	0 – Open 1 – Close	S1_6_ElectricalHeater2ndStage	X	R	

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
77	76 [0x4C]	0 – AC 1 – FC	S1_7_AC_FC_System	X	R	
78	77 [0x4D]	0 – Modbus 1 – Bacnet	S1_8_UseBacnet	X	R	
79	78 [0x4E]	0 – Off 1 – On	HeatElement 1	X	R	
80	79 [0x4F]	0 – Off 1 – On	HeatElement 2	X	R	
81	80 [0x50]	0 – Off 1 – On	HeatElement 3	0	R	
82	81 [0x51]	0 – Off 1 – On	Compressor 1	0	R	
83	82 [0x52]	0 – Off 1 – On	Compressor 2	0	R	
84	83 [0x53]	0 – Off 1 – On	FanOnOff	0	R	
85	84 [0x54]	0 – Off 1 – On	FanOnOffMedium	0	R	
86	85 [0x55]	0 – Off 1 – On	FanOnOffHigh	0	R	
87	86 [0x56]	0 – Off 1 – On	HPOnOff	0	R	
88	87 [0x57]	0 – Off 1 – On	LightOn	0	R	
89	88 [0x58]	0 – Off 1 – On	OnOff	0	R/W	
90	89 [0x59]	0 – Off 1 – On	AutoFan	0	R/W	
91	90 [0x5A]	0 – Off (°F) 1 – On (°C)	C_F_Scale	0	R	
92	91 [0x5B]	0 – Off 1 – On	LockFan	0	R/W	
93	92 [0x5C]	0 – Off 1 – On	LockMode	1	R/W	
94	93 [0x5D]	0 – Off 1 – On	LockOnOff	0	R/W	
95	94 [0x5E]	0 – Off 1 – On	LockSetPoint	0	R/W	
96	95 [0x5F]	0 – Off 1 – On	One_TwoSetpoints	0	R	
97	96 [0x60]	0 – Off 1 – On	FilterAlarm	0	R	
98	97 [0x61]	0 – Off 1 – On	FilterReset	0	R/W	
99	98 [0x62]	0 – Off 1 – On	AutoModeEnable	0	R/W	
100	99 [0x63]	0 – Off 1 – On	BackLightDimEnable	0	R/W	
101	100 [0x64]	0 – Off 1 – On	BeeperEnable	1	R	
102	101 [0x65]	0 – Off 1 – On	FreezeProtectionEnable	1	R/W	
103	102 [0x66]	0 – Off 1 – On	WindowContact	0	R	
104	103 [0x67]	0 – Normally open 1 – Normally close	WindowContactPolarity	1	R/W	

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
105	104 [0x68]	0 – Off 1 – On	UnoccupiedByNetwork	0	R/W	
106	105 [0x69]	0 – Off 1 – On	UnoccupancyByAuxOccSensor	0	R	
107	106 [0x6A]	0 – Normally open 1 – Normally close	AuxOccupancySensorPolarity	0	R/W	
108	107 [0x6B]	0 – Off 1 – On	DoorSwitchOpen	0	R	
109	108 [0x6C]	0 – Normally open 1 – Normally close	DoorSwitchPolarity	0	R/W	
110	109 [0x6D]	0 – Off 1 – On	EmergencyMode	0	R/W	
111	110 [0x6E]	0 – Off 1 – On	DailyTimer	0	R/W	
112	111 [0x6F]	0 – Off 1 – On	SetLightOn	0	R/W	
113	112 [0x70]	0 – Off 1 – On	ViewFloatValue	0	R/W	
114	113 [0x71]	0 – Off 1 – On	RestoreDefault	0	R/W	

Modbus FC Object List

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
1	00 [0x00]	-20...100 °C (-4...212°F)	T1_AIN	X	R	
2	01 [0x01]	-20...100 °C (-4...212°F)	IN1_AIN	X	R	
3	02 [0x02]	0...100%	AO_Cool	x	R (read only)	
4	03 [0x03]	0...100%	AO_Heat	x	R	
5	04 [0x04]	0...100%	AO_Fan	x	R	
6	05 [0x05]	5...35°C (41...95°F)	SetPoint	23°C (73°F)	R/W	*
7	06 [0x06]	5...35°C (41...95°F)	SetPointHeat	22°C (72°F)	R/W	*
8	07 [0x07]	5...35°C (41...95°F)	SetPointEffective	23°C (73°F)	R	*
9	08 [0x08]	0...100°C (32...212°F)	AmbientTemperatureEffective	x	R	*
10	09 [0x09]	0 – Fan Only 1 – Cool 2 – Heat 3 – Auto	Mode	1 – Cool	R/W	
11	10 [0x0A]	0 – Fan Only 1 – Cool 2 – Heat 4 – Off	ModeEffective	4 – Off	R	
12	11 [0x0B]	0 - Auto 1 - Low 2 - Medium 3 - High	FanSpeed	0	R/W	
13	12 [0x0C]	1 – On 4 – Off	FanEffective	4 – Off	R	
14	13 [0x0D]	-6...6°C (-9...9°F)	ReturnAirSensorCalibration	0	R/W	*
15	14 [0x0E]	5...35°C (41...95°F)	SetPointLimitCool	10°C (50°F)	R/W	
16	15 [0x0F]	5...35°C (41...95°F)	SetPointLimitHeat	30°C (86°F)	R/W	
17	16 [0x10]	5...35°C (41...95°F)	EconomySetPointInCool	30°C (86°F)	R/W	
18	17 [0x11]	5...35°C (41...95°F)	EconomySetPointInHeat	10°C (50°F)	R/W	
19	18 [0x12]	0 – Unoccupied 1 – Occupied 2 - Temporary occupied	OccupancyEffectiveHVAC	1 – Occupied	R	
20	19 [0x13]	0 – Occupancy sensor logic not in use 1 – Occupancy sensor logic controls HVAC	OccupancySensorAuthority	1 – Occupancy sensor logic HVAC	R/W	
21	20 [0x14]	0 - On/Off logic 1 – Start/Stop logic 2 – Change setpoint logic	OccupancySensorFunction	2 – Change setpoint logic	R/W	
22	21 [0x15]	0...250 min	OccupancySensorHVACDelayTime	20 min	R/W	

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
23	22 [0x16]	0 – Thermostat turn off when unoccupied 1 – Thermostat use economy/dehumidity unoccupied set point 2 – fan keep working	DoorSwitchOrKeyTag_Function	1	R/W	
24	23 [0x17]	0...999 sec	TimeSwitchingToOccupiedMode	1	R/W	
25	24 [0x18]	00 – T1 terminals not in use 01 – External sensor 02 – T3 indoor sensor 03 – Door switch 04 – key tag	T1_Function	0	R/W	
26	25 [0x19]	00 – IN1, IN0 terminals not in use 01 – T2 outdoor sensor 02 – T3 indoor sensor 03 – Remote on/off switch 04 – Remote economy switch 05 – External PIR	IN1_Function	0	R/W	
27	26 [0x1A]	0...999 sec	WindowContactDelayTime	0 sec	R/W	
28	27 [0x1B]	0...999 sec	DoorSwitchDelayTime	0 ssc	R/W	
29	28 [0x1C]	0...99°C (32...210°F)	T2_Effective	-	R	*
30	29 [0x1D]	0...99°C (32...210°F)	T3_Effective	-	R	*
31	30 [0x1E]	0...600 sec	CoolFanOnDelay	0 sec	R/W	
32	31 [0x1F]	0...600 sec	CoolFanOffDelay	0 sec	R/W	
33	32 [0x20]	0...600 sec	HeatFanOnDelay	30 sec	R/W	
34	33 [0x21]	0...600 sec	HeatFanOffDelay	30 sec	R/W	
35	34 [0x22]	8...15°C (46...59°F)	FreezeProtectionCutInSetpoint	8°C (46°F)	R/W	
36	35 [0x23]	10...17°C (50...63°F)	FreezeProtectionCutOutSetpoint	10°C (50°F)	R/W	
37	36 [0x24]	0...999 hours	FilterCounter	0 hours	R/W	
38	37 [0x25]	0...999 hours; 0 – disable filter alarm	FilterAlarmTimeDelay	0 hours	R/W	
39	38 [0x26]	14...37°C (57...99°F)	FanSoftStartInHeatCutInTemperature	36°C (97°F)	R/W	
40	39 [0x27]	12...35°C (54...95°F)	FanSoftStartInHeatCutOutTemperature	32°C (90°F)	R/W	
41	40 [0x28]	0.3 ... 2°C (0.6...4°F)	DifferentialOnOffFanSpeeds	0.7°C (1.4°F)	R/W	
42	41 [0x29]	0...5°C (0...10°F)	CoolDifferentialBand	1°C (2°F)	R/W	*
43	42 [0x2A]	-5...5°C (-10...10°F)	CoolDifferentialBandOffset	0°C (0°F)	R/W	*
44	43 [0x2B]	0...5°C (0...10°F)	HeatDifferentialBand	1°C (2°F)	R/W	*
45	44 [0x2C]	-5...5°C (-10...10°F)	HeatDifferentialBandOffset	0°C (0°F)	R/W	*

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
46	45 [0x2D]	0...10°C (0...20°F)	ShiftBetweenCoolAndHeat	2°C (4°F)	R/W	*
47	46 [0x2E]	0...49°C (0...98°F)	ShiftBetweenHeatStages	2°C (4°F)	R/W	*
48	47 [0x2F]	0...600 sec	TimeDelayOnNextHeatStage	5 sec	R/W	
49	48 [0x30]	0...600 sec	TimeDelayOffNextHeatStage	1 sec	R/W	
50	49 [0x31]	0...100	Kp_PIDCool	100	R/W	
51	50 [0x32]	0...100	Kp_PIDHeat	100	R/W	
52	51 [0x33]	0...100	Ki_PIDCool	0	R/W	
53	52 [0x34]	0...100	Ki_PIDHeat	0	R/W	
54	53 [0x35]	0...100	Kd_PIDCool	1	R/W	
55	54 [0x36]	0...100	Kd_PIDHeat	1	R/W	
56	55 [0x37]	0...100 sec	OutputsTresholdTimeCool	60 sec	R/W	
57	56 [0x38]	0...100 sec	OutputsTresholdTimeHeat	60 sec	R/W	
58	57 [0x39]	2...10°C (4...20°F)	CoolValueProrotionalBand	2°C (4°F)	R/W	*
59	58 [0x3A]	0...100%	CoolProrotionalLowLimit	0%	R/W	
60	59 [0x3B]	0...100%	CoolProrotionalHighLimit	100%	R/W	
61	60 [0x3C]	2...10°C (4...20°F)	HeatValueProrotionalBand	2°C	R/W	*
62	61 [0x3D]	0...100%	HeatProrotionalLowLimit	0%	R/W	
63	62 [0x3E]	0...100%	HeatProrotionalHighLimit	100%	R/W	
64	63 [0x3F]	0...30%	ProrotionalOnPercent	30%	R/W	
65	64 [0x40]	0...20%	ProrotionalOffPercent	10%	R/W	
66	65 [0x41]	5...99 min	BackLightDimTime	5 min	R/W	
67	66 [0x42]	5...99%	BackLightDimValue	5%	R/W	
68	67 [0x43]	2...10°C (4...20°F)	CoolVFSProportionalBand	2°C (4°F)	R/W	*
69	68 [0x44]	2...10°C (4...20°F)	HeatVFSProportionalBand	2°C (4°F)	R/W	*
70	69 [0x45]	0...30%	CoolVFSLowSpeedPercent	20%	R/W	
71	70 [0x46]	30...60%	CoolVFSMediumSpeedPercent	50%	R/W	
72	71 [0x47]	60...100%	CoolVFSHighSpeedPercent	90%	R/W	
73	72 [0x48]	0...30%	HeatVFSLowSpeedPercent	30%	R/W	

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
74	73 [0x49]	30...60%	HeatVFSMediumSpeedPercent	50%	R/W	
75	74 [0x4A]	60...100%	HeatVFSHighSpeedPercent	80%	R/W	
76	75 [0x4B]	10...50%	VFSMediumSpeedDiff	35%	R/W	
77	76 [0x4C]	10...50%	VFSHighSpeedDiff	35%	R/W	
78	77 [0x4D]	0...100%	CoolVFSLowLimit	0%	R/W	
79	78 [0x4E]	0...100%	CoolVFSHighLimit	100%	R/W	
80	79 [0x4F]	0...100%	HeatVFSLowLimit	0%	R/W	
81	80 [0x50]	0...100%	HeatVFSHighLimit	100%	R/W	
82	81 [0x51]	0 – Open 1 – Close	S1_1_FanSpeeds	X	R	
83	82 [0x52]	0 – Open 1 – Close	S1_2_FanSpeeds	X	R	
84	83 [0x53]	0 – Open 1 – Close	S1_3_HC_HP	X	R	
85	84 [0x54]	0 – Open 1 – Close	S1_4_HPInCool_HCElectrical	X	R	
86	85 [0x55]	0 – Delay On 1 – Delay Off	S1_5_CompressorDelay	X	R	
87	86 [0x56]	0 – Open 1 – Close	S1_6_ElectricalHeater2ndStage	X	R	
88	87 [0x57]	0 – AC 1 – FC	S1_7_AC_FC_System	X	R	
89	88 [0x58]	0 – Modbus 1 – Bacnet	S1_8_UseBacnet	X	R	
90	89 [0x59]	1- Cool Proportional, 0 - relay	S2_1_CoolProportional	X	R	
91	90 [0x5A]	1- Heat Proportional, 0 – relay	S2_2_HeatProportional	X	R	
92	91 [0x5B]	0 – Off 1 – On	HeatOnOffValve	0	R	
93	92 [0x5C]	0 – Off 1 – On	HeatElement 2	0	R	
94	93 [0x5D]	0 – Off 1 – On	HeatElement 3	0	R	
95	94 [0x5E]	0 – Off 1 – On	CoolOnOffValve	0	R	
96	95 [0x5F]	0 – Off 1 – On	FanOnOff	0	R	
97	96 [0x60]	0 – Off 1 – On	FanOnOffMedium	0	R	
98	97 [0x61]	0 – Off 1 – On	FanOnOffHigh	0	R	
99	98 [0x62]	0 – Off 1 – On	LightOn	0	R	
100	99 [0x63]	0 – Off 1 – On	OnOff	0	R/W	
101	100 [0x64]	0 – Off 1 – On	AutoFan	0	R/W	
102	101 [0x65]	0 – Off (°F) 1 – On (°C)	C_F_Scale	1	R	

Reg	Address Dec [Hex]	Value (Range)	Description	Default	Permissions	
103	102 [0x66]	0 – Off 1 – On	LockFan	0	R/W	
104	103 [0x67]	0 – Off 1 – On	LockMode	0	R/W	
105	104 [0x68]	0 – Off 1 – On	LockOnOff	0	R/W	
106	105 [0x69]	0 – Off 1 – On	LockSetPoint	0	R/W	
107	106 [0x6A]	0 – Off 1 – On	One_TwoSetpoints	0	R	
108	107 [0x6B]	0 – Off 1 – On	FilterAlarm	0	R	
109	108 [0x6C]	0 – Off 1 – On	FilterReset	0	R/W	
110	109 [0x6D]	0 – Off 1 – On	AutoModeEnable	1	R/W	
111	110 [0x6E]	0 – Off 1 – On	BackLightDimEnable	1	R/W	
112	111 [0x6F]	0 – Off 1 – On	BeeperEnable	0	R	
113	112 [0x70]	0 – Off 1 – On	FreezeProtectionEnable	1	R/W	
114	113 [0x71]	0 – Off 1 – On	WindowContact	0	R	
115	114 [0x72]	0 – Normally open 1 – Normally close	WindowContactPolarity	1	R/W	
116	115 [0x73]	0 – Off 1 – On	UnoccupaedByNetwork	0	R/W	
117	116 [0x74]	0 – Off 1 – On	UnoccupancyByAuxOccSensor	0	R	
118	117 [0x75]	0 – Normally open 1 – Normally close	AuxOccupancySensorPolarity	0	R/W	
119	118 [0x76]	0 – Off 1 – On	DoorSwitchOpen	0	R	
120	119 [0x77]	0 – Normally open 1 – Normally close	DoorSwitchPolarity	0	R/W	
121	120 [0x78]	0 – Off 1 – On	DailyTimer	0	R/W	
122	121 [0x79]	0 – Off 1 – On	SetLightOn	0	R/W	
123	122 [0x7A]	0 – Off 1 – On	ViewFloatValue	0	R/W	
124	123 [0x7B]	0 – Off 1 – On	RestoreDefault	0	R/W	

BACnet FC MSTP (FW revision 18417714)

TimeOut 100 ms

Baud rate: 9600, 19200, 38400, no parity, 8 data bits, 1stop bit

N°	Object	Value	Object Name	Default
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Analog Inputs

1.	Analog Input #3	-20...100 °C (-4...212°F)	T1_Ext_TemperatureSensor	-
2.	Analog Input #4	-20...100 °C (-4...212°F)	IN1_AIN	-

Analog Outputs

3.	Analog Output#0	0...100%	AO_Cool	-
4.	Analog Output #1	0...100%	AO_Heat	-
5.	Analog Output #2	0...100%	AO_Fan	-

Analog Values

6.	Analog Value #0	5...35°C (41...95°F)	SetPoint_SetPointCool	23°C (73°F)
7.	Analog Value #1	5...35°C (41...95°F)	SetPointHeat	22°C (72°F)
8.	Analog Value #2	5...35°C (41...95°F)	SetPointEffective	23°C (73°F)
9.	Analog Value #3	0...100°C (32...212°F)	ReturnAirSensorEffective	-
10.	Analog Value #4	0 - Fan Only 1 - Cool 2 - Heat 3 - Auto	Mode	1
11.	Analog Value #5	0 - Fan Only 1 - Cool 2 - Heat 3 - Auto 4 - Off	ModeEffective	4
12.	Analog Value #6	0 - Auto 1 - Low 2 - Medium 3 - High	FanSpeed	0
13.	Analog Value #7	1 - Low 2 - Medium 3 - High 4 - Off	FanSpeedEffective	4
14.	Analog Value #8	-6...6°C (-9...9°F)	ReturnAirSensorCalibration	0°C
15.	Analog Value #9	5...35°C (41...95°F)	SetPointLimitCool	5°C (50°F)
16.	Analog Value #10	5...35°C (41...95°F)	SetPointLimitHeat	30°C (86°F)
17.	Analog Value #11	5...35°C (41...95°F)	EconomySetPointInCool	30°C (86°F)
18.	Analog Value #12	5...35°C (41...95°F)	EconomySetPointInHeat	10°C (50°F)
19.	Analog Value #13	0 - Unoccupied 1 - Occupied 2 - Temporary occupied	OccupancyEffectiveHVAC	1
20.	Analog Value #14	0 - Occupancy sensor logic not used 1 - Occupancy sensor logic controls HVAC.	OccupancySensorAuthority	1
21.	Analog Value #15	0 - On/Off logic; 1 - Start/Stop logic; 2 - Change setpoint logic.	OccupancySensorFunction	2
22.	Analog Value #16	0...250 min	OccupancySensorHVACDelayTime	20 min
23.	Analog Value #17	0...999 sec	TimeSwitchingToOccupiedMode	1 sec

N°	Object	Value	Object Name	Default
24.	Analog Value #18	0 - Not used; 1 - External sensor (T1); 2 - Soft start sensor (T3). 3 - Door switch - Door switch (Hotel configuration of occupancy logic is active) 04 - key tag	T1_Function	0
25.	Analog Value #19	0 - Not used; 1- Auto changeover sensor (T2); 2 - Soft start sensor (T3); 3 - window contact(remote switch On/Off); 4 - window contact (remote switch EC On/EC Off = change SetpointEffective according objects AV11, AV12); 5 - Auxiliary Occupancy sensor.	IN1_Function	0
26.	Analog Value #20	0...999 seconds	WindowContactDelayTime	600 sec
27.	Analog Value #21	0...999 seconds	DoorSwitchDelayTime	180 sec.
28.	Analog Value #25	0...99°C (32...210°F)	T2_Effective	-
29.	Analog Value #26	0...99°C (32...210°F)	T3_Effective	-
30.	Analog Value #27	0...600 sec	CoolFanOnDelay	0 sec
31.	Analog Value #28	0...600 sec	CoolFanOffDelay	0 sec
32.	Analog Value #29	0...600 sec	HeatFanOnDelay	0 sec
33.	Analog Value #30	0...600 sec	HeatFanOffDelay	30 sec
34.	Analog Value #31	8... 15°C (46...59°F)	FreezeProtectionCutInSetpoint	8°C (46°F)
35.	Analog Value #32	10... 17°C (50...63°F)	FreezeProtectionCutOutSetpoint	10°C (50°F)
36.	Analog Value #33	0... 999 hours	FilterCounter	0 hrs
37.	Analog Value #34	0... 999 hours; 0 - disable filter alarm.	FilterAlarmTimeDelay	0 hrs
38.	Analog Value #35	0... 5°C (0...10°F)	CoolDifferentialBand	1°C (2°F)
39.	Analog Value #36	-5... 5°C (-10...10°F)	CoolDifferentialBandOffset	0°C (0°F)
40.	Analog Value #37	0... 5°C (0...10°F)	HeatDifferentialBand	1°C (2°F)
41.	Analog Value #38	-5... 5°C (-10...10°F)	HeatDifferentialBandOffset	0°C (0°F)
42.	Analog Value #39	0... 10°C (0...20°F)	ShiftBetweenCoolAndHeat	2°C (4°F)
43.	Analog Value #41	0... 49°C (0...98°F)	ShiftBetweenHeatStages	2°C (4°F)
44.	Analog Value #42	1... 4194303	BacnetDeviceIdentifier	315000+MAC
45.	Analog Value #44	0...600 sec	TimeDelayOnNextCoolStage	5 sec
46.	Analog Value #46	0...600 sec	TimeDelayOffNextHeatStage	5 sec
47.	Analog Value #54	0...99 min	BackLightDimTime	5 min
48.	Analog Value #55	1...90%	BackLightDimValue	10%
49.	Analog Value #56	100...50%	BackLightBrightness	100%
50.	Analog Value #57	14...37°C (57...99°F)	FanSoftStartInHeatCutInTemperature	36°C (97°F)
51.	Analog Value #58	12...35°C (54...95°F)	FanSoftStartInHeatCutOutTemperature	32°C (90°F)
52.	Analog Value #59	0.3... 2°C (0.6...4°F)	DifferentialOnOffFanSpeeds	0.7°C (1.4°F)
53.	Analog Value #60	0...100 sec	OutputsTresholdTimeCoolsec	60 sec
54.	Analog Value #61	0...100 sec	OutputsTresholdTimeHeat	60 sec
55.	Analog Value #62	0...100	Kp_PIDCool	100
56.	Analog Value #63	0...100	Kp_PIDHeat	100
57.	Analog Value #64	0...100	Ki_PIDCool	0

N°	Object	Value	Object Name	Default
58.	Analog Value #65	0...100	Ki_PIDHeat	0
59.	Analog Value #66	0...100	Kd_PIDCool	1
60.	Analog Value #67	0...100	Kd_PIDHeat	1
61.	Analog Value #68	2...10°C (4...20°F)	CoolValueProrotionalBand	2 (4°F)
62.	Analog Value #69	0...100%	CoolProrotionalLowLimit	0%
63.	Analog Value #70	0...100%	CoolProrotionalHighLimit	100%
64.	Analog Value #71	2...10°C (4...20°F)	HeatValueProrotionalBand	2(4°F)
65.	Analog Value #72	0...100%	HeatProrotionalLowLimit	0%
66.	Analog Value #73	0...100%	HeatProrotionalHighLimit	100%
67.	Analog Value #75	0...30%	ProrotionalOnPercent	30%
68.	Analog Value #76	0...20%	ProrotionalOffPercent	10%
69.	Analog Value #77	2...10°C (4...20°F)	CoolVFSProportionalBand	2 (4°F)
70.	Analog Value #78	2...10°C (4...20°F)	HeatVFSProportionalBand	2 (4°F)
71.	Analog Value #79	0...30%	CoolVFSLowSpeedPercent	20%
72.	Analog Value #80	30...60%	CoolVFSSpeedMediumPercent	50%
73.	Analog Value #81	60...100%	CoolVFSSpeedHighPercent	90%
74.	Analog Value #82	0...30%	HeatVFSLowSpeedPercent	30%
75.	Analog Value #83	30...60%	HeatVFSSpeedMediumPercent	50%
76.	Analog Value #84	60...100%	HeatVFSSpeedHighPercent	80%
77.	Analog Value #86	10...50%	VFSMediumSpeedDiff	35%
78.	Analog Value #87	10...50%	VFSHighSpeedDiff	35%
79.	Analog Value #88	0...100%	CoolVFSLowLimit	0%
80.	Analog Value #89	0...100%	CoolVFSHighLimit	100%
81.	Analog Value #90	0...100%	HeatVFSLowLimit	0%
82.	Analog Value #91	0...100%	HeatVFSHighLimit	100%
83.	Analog Value #105	0 – Thermostat turn off when unoccupied 1 – Thermostat use economy/dehumidity unoccupied set point 2 – fan keeps running	DoorSwitchOrKeyTag_Function	1

Binary Inputs

84.	Binary Input #0	1-On,0-Off	S1_1_FanSpeeds	
85.	Binary Input #1	1-On,0-Off	S1_2_FanSpeeds	
86.	Binary Input #2	1-On,0-Off	S1_3_Config4pipe	
87.	Binary Input #3	1-On,0-Off	S1_4_ElectricalHeater	
88.	Binary Input #7	1-On,0-Off	ChilledBeam	
89.	Binary Input #8	1-On,0-Off	FloorHeater	
90.	Binary Input #9	0-AC,1-FC	AC_FC_System	
91.	Binary Input #10	1-Bacnet ,0-Modbus	UseBacnet	
92.	Binary Input #11	1- Cool Proportional, 0 - relay	CoolProportional	
93.	Binary Input #12	1- Heat Proportional, 0 – relay	HeatProportional	

N°	Object	Value	Object Name	Default
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Binary Outputs

94.	Binary Output #3	1-On,0-Off	CoolOnOffValve	Off
95.	Binary Output #0	1-On,0-Off	HeatOnOffValve	Off
96.	Binary Output #5	1-On,0-Off	FanOnOffLow	Off
97.	Binary Output #6	1-On,0-Off	FanOnOffMedium	Off
98.	Binary Output #7	1-On,0-Off	FanOnOffHigh	Off
99.	Binary Output #1	1-On,0-Off	HeatElement	Off
100.	Binary Output #9	1-On,0-Off	LightOn	Off

Binary Values

101.	Binary Value #0	1-On,0-Off	OnOff	Off
102.	Binary Value #1	1-On,0-Off	AutoFan	Off
103.	Binary Value #2	1-On (°C) ,0-Off (°F)	C_F_Scale	On
104.	Binary Value #3	1-On,0-Off	LockFan	Off
105.	Binary Value #4	1-On,0-Off	LockMode	Off
106.	Binary Value #5	1-On,0-Off	LockOnOff	Off
107.	Binary Value #6	1-On,0-Off	LockSetPoint	Off
108.	Binary Value #7	1-On,0-Off	One_TwoSetpoints	Off
109.	Binary Value #8	1-On,0-Off	FilterAlarm	Off
110.	Binary Value #9	1-On,0-Off	FilterReset	Off
111.	Binary Value #10	1-On,0-Off	AutoModeEnable	On
112.	Binary Value #11	1-On,0-Off	BackLightDimEnable	On
113.	Binary Value #12	1-On,0-Off	BeeperEnable	On
114.	Binary Value #13	1-On,0-Off	FreezeProtectionEnable	On
115.	Binary Value #14	1-On,0-Off	WindowContact	Off
116.	Binary Value #15	1-On,0-Off	WindowContactPolarity	Off
117.	Binary Value #17	1-On,0-Off	UnoccupancyByAuxOccSensor	Off
118.	Binary Value #18	1-On,0-Off	AuxOccupancySensorPolarity	Off
119.	Binary Value #19	1-On,0-Off	DoorSwitchOpen	Off
120.	Binary Value #20	1-On,0-Off	DoorSwitchPolarity	Off
121.	Binary Value #23	1-On,0-Off	DalyTimer	Off
122.	Binary Value #29	1-On,0-Off	SetLightOn	Off
123.	Binary Value #25	1-On,0-Off	RestoreDefault	Off
124.	Binary Value #28	1-On,0-Off	UnoccupaedByNetwork	Off

BACnet AC MSTP

(FW revision 18417714)

TimeOut 100 ms

Baud rate: 9600, 19200, 38400, no parity, 8 data bits, 1stop bit

N°	Object	Value	Object Name	Default
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Analog Inputs

1.	Analog Input #3	-20...100 °C (-4...212°F)	T1_Ext_TemperatureSensor	-
2.	Analog Input #4	-20...100 °C (-4...212°F)	IN1_AIN	-

Analog Outputs

3.	Analog Output#0	0...100%	AO_Cool	-
4.	Analog Output #1	0...100%	AO_Heat	-
5.	Analog Output #2	0...100%	AO_Fan	-

Analog Values

6.	Analog Value #0	5...35°C (41...95°F)	SetPoint_SetPointCool	23°C (73°F)
7.	Analog Value #1	5...35°C (41...95°F)	SetPointHeat	22°C (72°F)
8.	Analog Value #2	5...35°C (41...95°F)	SetPointEffective	23°C (73°F)
9.	Analog Value #3	0...100°C (32...212°F)	ReturnAirSensorEffective	-
10.	Analog Value #4	0 - Fan Only 1 - Cool 2 - Heat 3 - Auto	Mode	1
11.	Analog Value #5	0 - Fan Only 1 - Cool 2 - Heat 3 - Auto 4 - Off	ModeEffective	4
12.	Analog Value #6	0 - Auto 1 - Low 2 - Medium 3 - High	FanSpeed	0
13.	Analog Value #7	1 - Low 2 - Medium 3 - High 4 - Off	FanSpeedEffective	4
14.	Analog Value #8	-6...6°C (-9...9°F)	ReturnAirSensorCalibration	0°C (0°F)
15.	Analog Value #9	5...35°C (41...95°F)	SetPointLimitCool	5°C (50°F)
16.	Analog Value #10	5...35°C (41...95°F)	SetPointLimitHeat	35°C (86°F)
17.	Analog Value #11	5...35°C (41...95°F)	EconomySetPointInCool	30°C (86°F)
18.	Analog Value #12	5...35°C (41...95°F)	EconomySetPointInHeat	10°C (50°F)
19.	Analog Value #13	0 - Unoccupied 1 - Occupied 2 - Temporary occupied	OccupancyEffectiveHVAC	1
20.	Analog Value #14	0 - Occupancy sensor logic not used 1 - Occupancy sensor logic controls HVAC.	OccupancySensorAuthority	1
21.	Analog Value #15	0 - On/Off logic; 1 - Start/Stop logic; 2 - Change setpoint logic.	OccupancySensorFunction	2
22.	Analog Value #16	0...250 minutes	OccupancySensorHVACDelayTime	20 min
23.	Analog Value #17	0...999 seconds	TimeSwitchingToOccupiedMode	1 sec

N°	Object	Value	Object Name	Default
24.	Analog Value #18	0 - Not used; 1 - External sensor (T1); 2 - Soft start sensor (T3). 3 - Door switch - Door switch (Hotel configuration of occupancy logic is active) 04 - key tag	T1_Function	0
25.	Analog Value #19	0 - Not used; 1- Auto changeover sensor (T2); 2 - Soft start sensor (T3); 3 - window contact(remote switch On/Off); 4 - window contact (remote switch EC On/EC Off = change SetpointEffective according objects AV11, AV12); 5 - Auxiliary Occupancy sensor.	IN1_Function	0
26.	Analog Value #20	0...999 seconds	WindowContactDelayTime	600 sec
27.	Analog Value #21	0...999 seconds	DoorSwitchDelayTime	180 sec.
28.	Analog Value #25	0...99°C (32...210°F)	T2_Effective	-
29.	Analog Value #26	0...99°C (32...210°F)	T3_Effective	-
30.	Analog Value #28	0...600 sec	CoolFanOffDelay	0 sec
31.	Analog Value #30	0...600 sec	HeatFanOffDelay	30 sec
32.	Analog Value #31	8... 15°C (46...59°F)	FreezeProtectionCutInSetpoint	8°C (46°F)
33.	Analog Value #32	10... 17°C (50...63°F)	FreezeProtectionCutOutSetpoint	10°C (50°F)
34.	Analog Value #33	0... 999 hours	FilterCounter	0 hrs
35.	Analog Value #34	0... 999 hours; 0 - disable filter alarm.	FilterAlarmTimeDelay	0 hrs
36.	Analog Value #35	0... 5°C (0...10°F)	CoolDifferentialBand	1°C (2°F)
37.	Analog Value #36	-5... 5°C (-10...10°F)	CoolDifferentialBandOffset	0°C (0°F)
38.	Analog Value #37	0... 5°C (0...10°F)	HeatDifferentialBand	1°C (2°F)
39.	Analog Value #38	-5... 5°C (-10...10°F)	HeatDifferentialBandOffset	0°C (0°F)
40.	Analog Value #39	0... 10°C (0...20°F)	ShiftBetweenCoolAndHeat	2°C (4°F)
41.	Analog Value #40	0... 10°C (0...20°F)	ShiftBetweenCoolStages	2°C (4°F)
42.	Analog Value #41	0... 49°C (0...98°F)	ShiftBetweenHeatStages	2°C (4°F)
43.	Analog Value #42	1... 4194303	BacnetDeviceIdentifier	315000+MAC
44.	Analog Value #43	0...600 sec	TimeDelayOffNextCoolStage	1 sec
45.	Analog Value #44	0...600 sec	TimeDelayOffNextHeatStage	1 sec
46.	Analog Value #45	0...600 sec	TimeDelayOnNextCoolStage	5 sec
47.	Analog Value #46	0...600 sec	TimeDelayOnNextHeatStage	5 sec
48.	Analog Value #47	0...360 sec	CompressorStandbyDelay	10 sec
49.	Analog Value #48	-9.5...99°C (15...210°F)	DeiceInCoolCutInTemperature	0°C (32°F)
50.	Analog Value #49	-9.5...99°C (15...210°F)	DeiceInCoolCutOutTemperature	8°C (46°F)
51.	Analog Value #50	120...420 sec	DeiceInHeatTime	300 sec
52.	Analog Value #51	600...1800 sec	DeiceInHeatBreakTime	1500 sec
53.	Analog Value #52	-9.5...99°C (15...210°F)	DeiceInHeatCutInTemperature	0°C (32°F)
54.	Analog Value #53	-9.5...99°C (15...210°F)	DeiceInHeatCuOutTemperature	16°C (46°F)
55.	Analog Value #54	0...99 min	BackLightDimTime	5 min
56.	Analog Value #55	1...90 %	BackLightDimValue	10 %
57.	Analog Value #56	100...50%	BackLightBrightness	100 %
58.	Analog Value #77	2...10°C (4...20°F)	CoolVFSProportionalBand	2°C (4°F)
59.	Analog Value #78	2...10°C (4...20°F)	HeatVFSProportionalBand	2°C (4°F)

N°	Object	Value	Object Name	Default
60.	Analog Value #79	0...30%	CoolVFSLowSpeedPercent	20%
61.	Analog Value #80	30...60%	CoolVFSMediumSpeedPercent	50%
62.	Analog Value #81	60...100%	CoolVFShighSpeedPercent	90%
63.	Analog Value #82	0...30%	HeatVFSLowSpeedPercent	30%
64.	Analog Value #83	30...60%	HeatVFSMediumSpeedPercent	50%
65.	Analog Value #84	60...100%	HeatVFShighSpeedPercent	80%
66.	Analog Value #86	10...50%	VFSMediumSpeedDiff	35%
67.	Analog Value #87	10...50%	VFSHighSpeedDiff	35%
68.	Analog Value #88	0...100%	CoolVFSLowLimit	0%
69.	Analog Value #89	0...100%	CoolVFShighLimit	100%
70.	Analog Value #90	0...100%	HeatVFSLowLimit	0%
71.	Analog Value #91	0...100%	HeatVFShighLimit	100%
72.	Analog Value #105	0 – Thermostat turn off when unoccupied 1 – Thermostat use economy/dehumidity unoccupied set point 2 – Fan keeps running	DoorSwitchOrKeyTag_Function	1

Binary Inputs

73.	Binary Input #0	1-On,0-Off	S1_1_FanSpeeds	
74.	Binary Input #1	1-On,0-Off	S1_2_FanSpeeds	
75.	Binary Input #2	1-On,0-Off	S1_3_Config4pipe	
76.	Binary Input #3	1-On,0-Off	S1_4_ElectricalHeater	
77.	Binary Input #7	1-On,0-Off	CompressorDelay	
78.	Binary Input #8	1-On,0-Off	ElectricalHeater2Stage	
79.	Binary Input #9	0-AC,1-FC	AC_FC_System	
80.	Binary Input #10	1-Bacnet, 0-Modbus	UseBacnet	

Binary Outputs

N°	Object	Value	Object Name	Default
81.	Binary Output #3	1-On,0-Off	Compressor 1	Off
82.	Binary Output #4	1-On,0-Off	Compressor 2	Off
83.	Binary Output #0	1-On,0-Off	HeatElemet 1	Off
84.	Binary Output #1	1-On,0-Off	HeatElemet 2	Off
85.	Binary Output #2	1-On,0-Off	HeatElemet 3	Off
86.	Binary Output #5	1-On,0-Off	FanOnOffLow	Off
87.	Binary Output #6	1-On,0-Off	FanOnOffMedium	Off
88.	Binary Output #7	1-On,0-Off	FanOnOffHigh	Off
89.	Binary Output #8	1-On,0-Off	HPOnOff	Off
90.	Binary Output #9	1-On,0-Off	LightOn	Off

Binary Values

91.	Binary Value #0	1-On,0-Off	OnOff	Off
92.	Binary Value #1	1-On,0-Off	AutoFan	Off
93.	Binary Value #2	1-On (°C), 0-Off (°F)	C_F_Scale	On
94.	Binary Value #3	1-On,0-Off	LockFan	Off
95.	Binary Value #4	1-On,0-Off	LockMode	Off

N°	Object	Value	Object Name	Default
96.	Binary Value #5	1-On,0-Off	LockOnOff	Off
97.	Binary Value #6	1-On,0-Off	LockSetPoint	Off
98.	Binary Value #7	1-On,0-Off	One_TwoSetpoints	Off
99.	Binary Value #8	1-On,0-Off	FilterAlarm	Off
100.	Binary Value #9	1-On,0-Off	FilterReset	Off
101.	Binary Value #10	1-On,0-Off	AutoModeEnable	On
102.	Binary Value #11	1-On,0-Off	BackLightDimEnable	On
103.	Binary Value #12	1-On,0-Off	BeeperEnable	On
104.	Binary Value #13	1-On,0-Off	FreezeProtectionEnable	On
105.	Binary Value #14	1-On,0-Off	WindowContact	Off
106.	Binary Value #15	1-On,0-Off	WindowContactPolarity	Off
107.	Binary Value #17	1-On,0-Off	UnoccupancyByAuxOccSensor	Off
108.	Binary Value #18	1-On,0-Off	AuxOccupancySensorPolarity	Off
109.	Binary Value #19	1-On,0-Off	DoorSwitchOpen	Off
110.	Binary Value #20	1-On,0-Off	DoorSwitchPolarity	Off
111.	Binary Value #23	1-On,0-Off	DalyTimer	Off
112.	Binary Value #24	1-On,0-Off	EmergencyMode	Off
113.	Binary Value #28	1-On,0-Off	UnoccupaedByNetwork	Off
114.	Binary Value #29	1-On,0-Off	SetLightOn	Off
115.	Binary Value #25	1-On,0-Off	RestoreDefault	Off
116.	Binary Value #42	1-On,0-Off	Alarm DeiceInCool	Off
117.	Binary Value #43	1-On,0-Off	Alarm DeiceInHeat	Off
118.	Binary Value #44	1-On,0-Off	Alarm OverHeatInCool	Off
119.	Binary Value #45	1-On,0-Off	Alarm OverHeatInHeat	Off