

MIGA/C ID = 23421308 BACnet FC

OBJECT LIST FOR 23421308 (ID = MIGAC-XX-XXX-XX-XX)

BACnet ** MSTP

Fan coil configuration (SW3.7=ON, SW2.4 =OFF)

BACnet MSTP/485 (rev.19) FW 18417722 BTL-certified

Baud rate: 9600, 19200, **38400 (default)**, 76800 no parity, 8 data bits, 1 stop bit

N°	Object	Object Name	Value	Default	Access
1	Analog Input #0	T1_Sensor	0...40°C (32...104°F)	-	R/W
2	Analog Input #1	T2_Sensor	-20...100°C (-4...212°F)	-	R/W
3	Analog Input #2	T3_Sensor	-20...100°C (-4...212°F)	-	R/W
4	Analog Output #0	AO_Cool (cool/heat valve)	0...100%	-	R/W
5	Analog Output #1	AO_Heat	0...100%	-	R/W
6	Analog Output #2	AO_Fan	0...100%	-	R/W
7	Analog Value #0	SetPoint_SetPointCool	5...35°C (41...95°F)	23°C (73°F)	R/W
8	Analog Value #1	SetPointHeat	5...35°C (41...95°F)	23°C (73°F)	R/W
9	Analog Value #2	SetPointEffective	5...35°C (41...95°F)	-	R
10	Analog Value #3	ReturnAirSensorEffective	0...100°C (32...212°F)	-	R
11	Analog Value #4	Mode	0-Fan only, 1-Cool,2-Heat, 3-Auto, 6 -emergency mode from IRP.	1-Cool	R/W
12	Analog Value #5	ModeEffective	0-Fan only, 1-Cool, 2-Heat, 3-Auto, 4-Off, 5-None mode** (dead band in 2 pipe).	-	R
13	Analog Value #6	FanSpeed	0-Auto, 1-Low, 2-Medium, 3-High	0-Auto	R/W
14	Analog Value #7	FanEffective	0-Auto, 1-Low, 2-Medium, 3-High, 4-Off	-	R
15	Analog Value #8	ReturnAirSensorCalibration	-5...5°C (-9...9°F)	0°C (0°F)	R/W
16	Analog Value #9	SetPointLimitCool	5...35°C (41...95°F)	10°C (50°F)	R/W
17	Analog Value #10	SetPointLimitHeat	5...35°C (41...95°F)	30°C (86°F)	R/W
18	Analog Value #11	EconomySetPointInCool	5...35°C (41...95°F)	30°C (86°F)	R/W
19	Analog Value #12	EconomySetPointInHeat	5...35°C (41...95°F)	10°C (50°F)	R/W
20	Analog Value #13	OccupancyEffectiveHVAC	0 - Occupied; 2 - Unoccupied (Occ. Sensor Function=1); 3 - Unoccupied (Occ. Sensor Function=2); 4 - Unoccupied (Occ. Sensor Function=3).	-	R
21	Analog Value #14	OccupancySensorFunction	0-Not used, 1-On/Off, 2-Start/Stop, 3-Economy	0-Not used	R/W
22	Analog Value #15	OccupancySensorHVACDelayTime	0...900 min	20 min	R/W
23	Analog Value #16	TimeSwitchingToOccupiedMode	0...999 sec	2 sec	R/W
24	Analog Value #17	T2_Effective	-9.9...99°C (-9.9...210°F)	-	R
25	Analog Value #18	T3_Effective	-9.9...99°C (-9.9...210°F)	-	R
26	Analog Value #19	CoolFanOnDelay	0...120 sec	0 sec	R/W
27	Analog Value #20	CoolFanOffDelay	0...120 sec	0 sec	R/W
28	Analog Value #21	HeatFanOnDelay	0...120 sec	0 sec	R/W
29	Analog Value #22	HeatFanOffDelay	0...120 sec	30 sec	R/W

N°	Object	Object Name	Value	Default	Access
30	Analog Value #23	FreezeProtectionCutInSetpoint	0...10°C (32...50°F)	5°C (41°F)	R/W
31	Analog Value #24	FreezeProtectionCutOutSetpoint	2...12°C (36...54°F)	7°C (45°F)	R/W
32	Analog Value #25	FilterCounter	0...999 hour	-	R
33	Analog Value #26	FilterAlarmTimeDelay	0...999 hour	0 hour	R/W
34	Analog Value #27	CoolDifferentialBand	0.5...5°C (1...9°F)	1°C (2°F)	R/W
35	Analog Value #28	CoolDifferentialBandOffset	-5...5°C (-9...9°F)	0°C (0°F)	R/W
36	Analog Value #29	HeatDifferentialBand	0.5...20°C (1...36°F)	1°C (2°F)	R/W
37	Analog Value #30	HeatDifferentialBandOffset	-5...5°C (-9...9°F)	0°C (0°F)	R/W
38	Analog Value #31	ShiftBetweenCoolAndHeat	0...10°C (0...18°F)	2°C (4°F)	R/W
39	Analog Value #32	ShiftBetweenCoolStages	0...10°C (0...18°F)	2°C (4°F)	R/W
40	Analog Value #33	ShiftBetweenHeatStages	0...49°C (0...88°F)	2°C (4°F)	R/W
41	Analog Value #35	TimeDelayOnNextCoolStage	0...600 sec	5 sec	R/W
42	Analog Value #36	TimeDelayOnNextHeatStage	0...600 sec	5 sec	R/W
43	Analog Value #37	TimeDelayOffNextCoolStage	0...600 sec	1 sec	R/W
44	Analog Value #40	DeiceCoolCutInTemperature	-9.5...8°C (15...46°F)	0°C (32°F)	R/W
45	Analog Value #41	DeiceCoolCutOutTemperature	2...20°C (36...68°F)	8°C (46°F)	R/W
46	Analog Value #42	DeiceHeatTime	120...420 sec	300 sec	R/W
47	Analog Value #43	DeiceHeatBreakTime	600...1800 sec	1500 sec	R/W
48	Analog Value #44	DeiceHeatCutInTemperature	-9.5...8°C (15...46°F)	0°C (32°F)	R/W
49	Analog Value #45	DeiceHeatCutOutTemperature	2...20°C (35...68°F)	16°C (61°F)	R/W
50	Analog Value #46	FanSoftStartInHeatCutInTemperature	14...37°C (57...99°F)	36°C (97°F)	R/W
51	Analog Value #47	FanSoftStartInHeatCutOutTemperature	12...35°C (54...95°F)	32°C (90°F)	R/W
52	Analog Value #50	OutputsThresholdTimeHeat	0...100 sec	60 sec	R/W
53	Analog Value #51	Kp_PIDCool	0...100	100	R/W
54	Analog Value #52	Kp_PIDHeat	0...100	100	R/W
55	Analog Value #53	Ki_PIDCool	0...100	0	R/W
56	Analog Value #54	Ki_PIDHeat	0...100	0	R/W
57	Analog Value #55	Kd_PIDCool	0...100	1	R/W
58	Analog Value #56	Kd_PIDHeat	0...100	1	R/W
59	Analog Value #57	CoolValveProportionalBand	1...10°C (2...18°F)	2°C (4°F)	R/W
60	Analog Value #58	CoolProportionalLowLimit	0...100%	0%	R/W
61	Analog Value #59	CoolProportionalHighLimit	0...100%	100%	R/W
62	Analog Value #60	HeatValveProportionalBand	1...10°C (2...18°F)	2°C (4°F)	R/W
63	Analog Value #61	HeatProportionalLowLimit	0...100%	0%	R/W
64	Analog Value #62	HeatProportionalHighLimit	0...100%	100%	R/W
65	Analog Value #64	ProportionalOnPercent	0...30%	30%	R/W
66	Analog Value #65	ProportionalOffPercent	0...20%	10%	R/W
67	Analog Value #66	CoolVFSProportionalBand	1...10°C (2...18°F)	2°C (4°F)	R/W
68	Analog Value #67	HeatVFSProportionalBand	1...10°C (2...18°F)	2°C (4°F)	R/W
69	Analog Value #68	CoolVFSLowSpeedPercent	0...30%	20%	R/W
70	Analog Value #69	CoolVFSMediumSpeedPercent	30...60%	50%	R/W
71	Analog Value #70	CoolVFSHighSpeedPercent	60...100%	90%	R/W
72	Analog Value #71	HeatVFSLowSpeedPercent	0...30%	30%	R/W
73	Analog Value #72	HeatVFSMediumSpeedPercent	30...60%	50%	R/W
74	Analog Value #73	HeatVFSHighSpeedPercent	60...100%	80%	R/W
75	Analog Value #75	VFSMediumSpeedDiff	10...50%	35%	R/W
76	Analog Value #76	VFSHighSpeedDiff	10...50%	35%	R/W
77	Analog Value #77	CoolVFSLowLimit	0...100%	0%	R/W
78	Analog Value #78	CoolVFSHighLimit	0...100%	100%	R/W

N°	Object	Object Name	Value	Default	Access
79	Analog Value #79	HeatVFSLowLimit	0...100%	0%	R/W
80	Analog Value #80	HeatVFSHighLimit	0...100%	100%	R/W
81	Analog Value #113	ModbusBaudRate (not in use)	0...4	-	R/W
82	Analog Value #133	DipSwitchesState	0...65535	-	R
83	Analog Value #160	AlarmsFaults	0...65535 Bit0 - Alarm_FreezeProtection; Bit1 - Alarm_DeiceInCool; Bit2 - Alarm_DeiceInHeat; Bit3 - Alarm_OverHeatInCool; Bit4 - Alarm_OverHeatInHeat; Bit5 - AlarmT1; Bit6 - AlarmT2; Bit7 - AlarmT3; Bit8- Not in use; Bit9- Not in use; Bit10- AlarmByDI1_input; Bit11- FaultByDI2_input; Bit12- Not in use; Bit13- Alarm_FanOffBySoftStart; Bit14- Alarm_CoolValveInterlock; Bit15- Not in use.	-	R
84	Binary Input #0	DI_1	1-Close, 0-Open (if polarity=0)	-	R
85	Binary Input #1	DI2_OccupancySensor	If polarity=1: 1-Open (Occupied), 0-Close (Unoccupied).	-	R
86	Binary Input #2	DI_3	1-Close, 0-Open (if polarity=0)	-	R
87	Binary Input #3	DI_4	1-Close, 0-Open (if polarity=0)	-	R
88	Binary Output #0	Heat1	1-On, 0-Off	-	R/W
89	Binary Output #1	Heat2	1-On, 0-Off	-	R/W
90	Binary Output #3	Cool1 (cool/heat valve)	1-On, 0-Off	-	R/W
91	Binary Output #5	FanOnOffLow	1-On, 0-Off	-	R/W
92	Binary Output #6	FanOnOffMedium	1-On, 0-Off	-	R/W
93	Binary Output #7	FanOnOffHigh	1-On, 0-Off	-	R/W
94	Binary Output #10	FanIndication	1-On, 0-Off	-	R/W
95	Binary Output #12	PumpOut	1-On, 0-Off	-	R/W
96	Binary Value #0	OnOff	1-On, 0-Off	0-Off	R/W
97	Binary Value #1	AutoFanInCool	1-Enable, 0-Disable	0-Disable	R/W
98	Binary Value #2	C_F_Scale	1-Celsius, 0-Fahrenheit	1-Celsius	R/W
99	Binary Value #3	LockFan	1-Lock, 0-Unlock	0-Unlock	R/W
100	Binary Value #4	LockMode	1-Lock, 0-Unlock	0-Unlock	R/W
101	Binary Value #5	LockOnOff	1-Lock, 0-Unlock	0-Unlock	R/W
102	Binary Value #6	LockSetpoint	1-Lock, 0-Unlock	0-Unlock	R/W
103	Binary Value #7	One_TwoSetpoints	0-one setpoint, 1-two setpoints	0-one setpoint	R/W
104	Binary Value #10	AutoModeEnable	1-Enable, 0-Disable	1-Enable	R/W
105	Binary Value #11	FreezeProtectionEnable	1-Enable, 0-Disable	1-Enable	R/W
106	Binary Value #13	RestoreDefault	1-Restore, 0-Off	0-Off	R/W
107	Binary Value #16	UnoccupiedByNetwork	1-Unoccupied, 0-Off	0-Off	R/W
108	Binary Value #35	TemperatureOverrideEnable	1-Enable, 0-Disable	0-Disable	R/W
109	Binary Value #38	AutoFanInHeat	1-On, 0-Off	1-On	R/W
110	Binary Value #39	DI1_Polarity	1-Normally close, 0-Normally open	0-N.O	R/W

N°	Object	Object Name	Value	Default	Access
111	Binary Value #40	DI2_Polarity	1-Normally open, 0-Normally close	1-N.O	R/W
112	Binary Value #41	DI3_Polarity	1-Normally close, 0-Normally open	0-N.O	R/W
113	Binary Value #42	DI4_Polarity	1-Normally close, 0-Normally open	0-N.O	R/W
114	Binary Value #43	Reserve	0	0	R
115	Binary Value #47	DisableOccupancySensor	0- Enable Occ. sensor, 1- Disable Occ. sensor	0	R/W
116	Binary Value #48	SelectModeInFCByDI3Enable	1- Enable select Mode by DI3 input: DI3 Open = mode COOL, DI3 Close = mode HEAT. 0- Disable this function	0	R/W
117	Binary Value #54	DisablePolling	0- Enable Polling after power break; 1- Disable Polling after power break;	0	R/W

** None mode (dead band in 2-pipe): in 2-pipe configuration the T2 sensor is connected and measures temperature in range 20°C <T2<30°C. While None mode, the Cool and Heat outputs are off, Fan outputs works according to Auto fan state (see objects BV#1, BV#38)

MIGA/C ID = 23421308 Modbus FC

OBJECT LIST FOR 23421308 (ID = MIGAC-XX-XXX-XX-XX)

MODBUS RTU Mode, Baud rate: 9600, 19200, 38400, 76800, 115200 no parity, 8 data bits, 1 stop bit

Fan coil configuration (SW3.7=ON, SW2.4 =OFF)

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 cascade 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 (cascade 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 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 = V 23421308.5563

ProductCode = MIGAC-XX-XXX-XX-XX

MajorMinorRevision = 23421308

Function 0x2B (Encapsulated Interface Transport)

MEI Type 0x0E (Read Device Identification)

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

If VFV column has marker *****: - if ViewFloatValue = 0 – Modbus represents integer value for this register ,

If ViewFloatValue = 1 - float value with one decimal place for this register, multiplied by 10 (for writable step of change is 0.5). Example: "256" is representation of "25.6"

With Shi = 0 (For technician stuff and commissioning)

Register number (Reg) = Address + 1

N°	Address Dec [Hex]	Object Name	Value	Default	Access	
1	0 [0x00]	T1_Sensor	0...40°C (32...104°F)	-	R/W	●
2	1 [0x01]	T2_Sensor	-20...100°C (-4...212°F)	-	R/W	●
3	2 [0x02]	T3_Sensor	-20...100°C (-4...212°F)	-	R/W	●
4	3 [0x03]	AO_Cool (cool/heat valve)	0...100%	-	R/W	
5	4 [0x04]	AO_Heat	0...100%	-	R/W	
6	5 [0x05]	AO_Fan	0...100%	-	R/W	
7	6 [0x06]	SetPoint_SetPointCool	5...35°C (41...95°F)	23°C (73°F)	R/W	●
8	7 [0x07]	SetPointHeat	5...35°C (41...95°F)	22°C (72°F)	R/W	●
9	8 [0x08]	SetPointEffective	5...35°C (41...95°F)	-	R	●
10	9 [0x09]	ReturnAirSensorEffective	0...100°C (32...212°F)	-	R	●
11	10 [0x0A]	Mode	0-Fan only, 1-Cool, 2-Heat, 3-Auto, 6-emergency mode from IRP.	1-Cool	R/W	
12	11 [0x0B]	ModeEffective	0-Fan only, 1-Cool, 2-Heat, 3-Auto, 4-Off, 5-None mode** (dead band in 2 pipe).	-	R	
13	12 [0x0C]	FanSpeed	0-Auto, 1-Low, 2-Medium, 3-High	0-Auto	R/W	
14	13 [0x0D]	FanEffective	0-Auto, 1-Low, 2-Medium, 3-High, 4-Off	-	R	
15	14 [0x0E]	ReturnAirSensorCalibration	-5...5°C (-9...9°F)	0°C (0°F)	R/W	●
16	15 [0x0F]	SetPointLimitCool	5...35°C (41...95°F)	10°C (50°F)	R/W	●
17	16 [0x10]	SetPointLimitHeat	5...35°C (41...95°F)	30°C (86°F)	R/W	●
18	17 [0x11]	EconomySetPointInCool	5...35°C (41...95°F)	30°C (86°F)	R/W	●
19	18 [0x12]	EconomySetPointInHeat	5...35°C (41...95°F)	10°C (50°F)	R/W	●
20	19 [0x13]	OccupancyEffectiveHVAC	0 - Occupied; 2 -Unoccupied (Occ. Sensor Function=1); 3 -Unoccupied (Occ. Sensor Function=2); 4 - Unoccupied (Occ. Sensor Function=3).	-	R	
21	20 [0x14]	OccupancySensorFunction	0-Not used, 1-On/Off, 2-Start/Stop, 3-Economy	0-Not used	R/W	
22	21 [0x15]	OccupancySensorHVACDelayTime	0...900 min	20 min	R/W	
23	22 [0x16]	Reserve	0...1	0	R/W	
24	23 [0x17]	T2_Effective	-9.9...99°C (-9.9...210°F)	-	R	●
25	24 [0x18]	T3_Effective	-9.9...99°C (-9.9...210°F)	-	R	●
26	25 [0x19]	CoolFanOnDelay	0...120 sec	0 sec	R/W	
27	26 [0x1A]	CoolFanOffDelay	0...120 sec	0 sec	R/W	
28	27 [0x1B]	HeatFanOnDelay	0...120 sec	0 sec	R/W	
29	28 [0x1C]	HeatFanOffDelay	0...120 sec	30 sec	R/W	
30	29 [0x1D]	FanSoftStartInHeatCutInTemperature	14...37°C (57...99°F)	36°C (97°F)	R/W	
31	30 [0x1E]	FanSoftStartInHeatCutOutTemperature	12...35°C (54...95°F)	32°C (90°F)	R/W	
32	31 [0x1F]	DifferentialOnOffFanSpeeds	0.3...2°C (0.6...4°F)	0.7°C (1.4°F)	R/W	●
33	32 [0x20]	CoolDifferentialBand	0.5...5°C (1...9°F)	1°C (2°F)	R/W	●
34	33 [0x21]	CoolDifferentialBandOffset	-5...5°C (-9...9°F)	0°C (0°F)	R/W	●
35	34 [0x22]	HeatDifferentialBand	0.5...20°C (1...36°F)	1°C (2°F)	R/W	●
36	35 [0x23]	HeatDifferentialBandOffset	-5...5°C (-9...9°F)	0°C (0°F)	R/W	●
37	36 [0x24]	ShiftBetweenCoolAndHeat	0...10°C (0...18°F)	2°C (4°F)	R/W	●
38	37 [0x25]	ShiftBetweenHeatStages	0...49°C (0...88°F)	2°C (4°F)	R/W	●

N°	Address Dec [Hex]	Object Name	Value	Default	Access	
39	38 [0x26]	TimeDelayOnNextHeatStage	0...600 sec	5 sec	R/W	
40	39 [0x27]	FreezeProtectionCutInSetpoint	0...10°C (32...50°F)	5°C (41°F)	R/W	●
41	40 [0x28]	FreezeProtectionCutOutSetpoint	2...12°C (36...54°F)	7°C (45°F)	R/W	●
42	41 [0x29]	Kp_PIDCool	0...100	100	R/W	
43	42 [0x2A]	Kp_PIDHeat	0...100	100	R/W	
44	43 [0x2B]	Ki_PIDCool	0...100	0	R/W	
45	44 [0x2C]	Ki_PIDHeat	0...100	0	R/W	
46	45 [0x2D]	Kd_PIDCool	0...100	1	R/W	
47	46 [0x2E]	Kd_PIDHeat	0...100	1	R/W	
48	47 [0x2F]	OutputsThresholdTimeCool	0...100 sec	60 sec	R/W	
49	48 [0x30]	OutputsThresholdTimeHeat	0...100 sec	60 sec	R/W	
50	49 [0x31]	CoolValveProportionalBand	1...10°C (2...18°F)	2°C (4°F)	R/W	●
51	50 [0x32]	CoolProportionalLowLimit	0...100%	0%	R/W	
52	51 [0x33]	CoolProportionalHighLimit	0...100%	100%	R/W	
53	52 [0x34]	HeatValveProportionalBand	1...10°C (2...18°F)	2°C (4°F)	R/W	●
54	53 [0x35]	HeatProportionalLowLimit	0...100%	0%	R/W	
55	54 [0x36]	HeatProportionalHighLimit	0...100%	100%	R/W	
56	55 [0x37]	ProportionalOnPercent	0...30%	30%	R/W	
57	56 [0x38]	ProportionalOffPercent	0...20%	10%	R/W	
58	57 [0x39]	CoolVFSProportionalBand	1...10°C (2...18°F)	2°C (4°F)	R/W	●
59	58 [0x3A]	HeatVFSProportionalBand	1...10°C (2...18°F)	2°C (4°F)	R/W	●
60	59 [0x3B]	CoolVFSLowSpeedPercent	0...30%	20%	R/W	
61	60 [0x3C]	CoolVFSSpeedMediumPercent	30...60%	50%	R/W	
62	61 [0x3D]	CoolVFSSpeedHighPercent	60...100%	90%	R/W	
63	62 [0x3E]	HeatVFSLowSpeedPercent	0...30%	30%	R/W	
64	63 [0x3F]	HeatVFSSpeedMediumPercent	30...60%	50%	R/W	
65	64 [0x40]	HeatVFSSpeedHighPercent	60...100%	80%	R/W	
66	65 [0x41]	VFSMediumSpeedDiff	10...50%	35%	R/W	
67	66 [0x42]	VFSHighSpeedDiff	10...50%	35%	R/W	
68	67 [0x43]	CoolVFSLowLimit	0...100%	0%	R/W	
69	68 [0x44]	CoolVFSSpeedHighLimit	0...100%	100%	R/W	
70	69 [0x45]	HeatVFSLowLimit	0...100%	0%	R/W	
71	70 [0x46]	HeatVFSSpeedHighLimit	0...100%	100%	R/W	
72	71 [0x47]	ModbusBaudRate	0-9600, 1-19200, 2-38400, 3-76800 4-115200	0-9600	R/W	
73	72 [0x48]	DipSwitchesState	0...65535	-	R	
74	73 [0x49]	Heat1	1-On, 0-Off	-	R	
75	74 [0x4A]	Heat2	1-On, 0-Off	-	R	
76	75 [0x4B]	FanIndication	1-On, 0-Off	-	R	
77	76 [0x4C]	Cool1(cool/heat valve)	1-On, 0-Off	-	R	
78	77 [0x4D]	FanOnOffLow	1-On, 0-Off	-	R	
79	78 [0x4E]	FanOnOffMedium	1-On, 0-Off	-	R	
80	79 [0x4F]	FanOnOffHigh	1-On, 0-Off	-	R	
81	80 [0x50]	PumpOut	1-On, 0-Off	-	R	
82	81 [0x51]	DI_1	1-Close, 0-Open (if polarity=0)	-	R	
83	82 [0x52]	DI2_OccupancySensor	If polarity=1: 1-Open (Occupied), 0-Close (Unoccupied).	-	R	
84	83 [0x53]	DI_3	1-Close, 0-Open (if polarity=0)	-	R	
85	84 [0x54]	DI_4	1-Close, 0-Open (if polarity=0)	-	R	

N°	Address Dec [Hex]	Object Name	Value	Default	Access	
86	85 [0x55]	OnOff	1-On, 0-Off	0-Off	R/W	
87	86 [0x56]	AutoFanInCool	1-Enable, 0-Disable	0-Disable	R/W	
88	87 [0x57]	AutoFanInHeat	1-Enable, 0-Disable	1-Enable	R/W	
89	88 [0x58]	C_F_Scale	1-Celsius, 0-Fahrenheit	1-Celsius	R/W	
90	89 [0x59]	LockFan	1-Lock, 0-Unlock	0-Unlock	R/W	
91	90 [0x5A]	LockMode	1-Lock, 0-Unlock	0-Unlock	R/W	
92	91 [0x5B]	LockOnOff	1-Lock, 0-Unlock	0-Unlock	R/W	
93	92 [0x5C]	LockSetpoint	1-Lock, 0-Unlock	0-Unlock	R/W	
94	93 [0x5D]	DI1_Polarity	1-Normally close, 0-Normally open	0-Normally open	R/W	
95	94 [0x5E]	DI2_Polarity	1-Normally open, 0-Normally close	1-Normally open	R/W	
96	95 [0x5F]	DI3_Polarity	1-Normally close, 0-Normally open	0-Normally open	R/W	
97	96 [0x60]	DI4_Polarity	1-Normally close, 0-Normally open	0-Normally open	R/W	
98	97 [0x61]	One_TwoSetpoints	0-one setpoint, 1-two setpoints	0-one setpoint	R/W	
99	98 [0x62]	AutoModeEnable	1-Enable, 0-Disable	1-Enable	R/W	
100	99 [0x63]	UnoccupiedByNetwork	1-Unoccupied, 0-Off	0-Off	R/W	
101	100 [0x64]	TemperatureOverrideEnable	1-Enable, 0-Disable	0-Disable	R/W	
102	101 [0x65]	ViewFloatValue	1-View, 0-Off	1-View	R	
103	102 [0x66]	RestoreDefault	1-Restore, 0-Off	0-Off	R/W	
104	103 [0x67]	DisableOccupancySensor	0- Enable Occ. sensor, 1- Disable Occ. sensor	0	R/W	
105	104 [0x68]	SelectModeInFCByDI3Enable	1- Enable select mode by DI3 input: DI3 open = COOL, DI3 Close = HEAT. 0- Disable this function	0	R/W	
106	105 [0x69]	FreezeProtectionEnable	1-Enable, 0-Disable	1-Enable	R/W	
107	106[0x6A]	AlarmsFaults	0...65535 Bit0 - Alarm_FreezeProtection; Bit1 - Alarm_DeiceInCool; Bit2 - Alarm_DeiceInHeat; Bit3 - Alarm_OverHeatInCool; Bit4 - Alarm_OverHeatInHeat; Bit5 - AlarmT1; Bit6 – AlarmT2; Bit7 – AlarmT3; Bit8– Not in use; Bit9– Not in use; Bit10– AlarmByDI1_input; Bit11– FaultByDI2_input; Bit12– Not in use; Bit13– Alarm_FanOffBySoftStart; Bit14– Alarm_CoolValveInterlock; Bit15– Not in use.	0	R	

** None mode (dead band in 2-pipe): in 2-pipe configuration the T2 sensor is connected and measures temperature in range 20°C <T2<30°C. While None mode, the Cool and Heat outputs are off, Fan outputs works according to Auto fan state (see registers 85,86).

Series	
ObjectLIST UCB1 FANCOIL	
Issue	Supersedes
09.25	---