



Tracker (BMTK) Points List

Tracker Set Up Options, HVAC Equipment Status/Setup & Alarms, I/O Module

Table 1 Tracker System Status and Setup points

No.	Description	Default	Option	Editable
1	Optimal Start	Enabled	Disabled	Yes
2	Daylight Savings Time	Enabled	Disabled	Yes
3	Timed override	Schedule	Individual	Yes
4	Time/Date	AM/PM	24 hour	Yes
5	Economizer Enable/Temp.	Enabled	Disabled	Yes
6	Priority Shutdown	Disabled	Enabled	Yes
7	Units of Measure	Inch-Pound	SI	Yes
8	Daylight Savings	Enabled	Disable	Yes
9	Security	Enabled	Disable	Yes

Table 2 Equipment Status and Setup points for SCC (Space Comfort Controllers) including Trane Voyager, Precedent, and Odyssey HVAC units with factory installed controls and the ZN517 field installed unitary controller.

No.	Description	Status	Setup	Factory Default Value	Editable
1	Custom Name	X	X	Unit ID number	Yes
2	Device ID Number	X		Factory Assigned	
3	Unit cabinet style	X		N/A	
4	Unit Occupancy Mode	X		Occupied/Unoccupied	
5	Active Setpoint	X	X	Setpoint on sensor	Yes
6	Space Temperature	X		Reading from sensor	
7	Active Mode	X		Heat/Cool/Auto/Off	
8	Heating Capacity	X		0-100%	
9	Cooling Capacity	X		0-100%	
10	Fan Status	X		0-100%	
11	Fan Mode	X	X	Occupied ON (Auto)	Yes
12	Occupied Cooling setpoint	X	X	74 °F	Yes
13	Occupied Heating setpoint	X	X	71 °F	Yes
14	Unoccupied Cooling setpoint	X	X	80 °F	Yes
15	Unoccupied Heating setpoint	X	X	65 °F	Yes
16	Cooling High Limit		X	90 °F	Yes
17	Cooling Low Limit		X	71 °F	Yes
18	Heating High Limit		X	74 °F	Yes
19	Heating Low Limit		X	50 °F	Yes
20	Communication State	X		N/A	
21	Outside Air Temperature (optional)	X		N/A	
23	Exhaust Fan Status *	X		N/A	
24	Discharge Air Temperature *	X		N/A	
22	CO2 Concentration **	X		N/A	
25	Space Humidity **	X		N/A	
26	Mixed Air Temperature **	X		N/A	
27	Economizer Min. Position **	X	X	10%	Yes
28	Economizer Position **	X		N/A	
29	Economizer Mode **	X		Auto	

* Must have RTOM (ReliaTel Options Module) with corresponding sensor indicated

** Must have ECA (Economizer Actuator) with corresponding sensor indicated if applicable

Table 3 SCC Equipment Alarm Points

No.	Message Text	Default Priority
1	Normal	0
2	Maintenance Required	1
3	Space Temp Sensor Fail	2
4	Outdoor Temp Sensor Fail	1
5	Compressor 1 HPC Lockout	2
6	Compressor 1 LPC Lockout	2
7	Comp 1 Disable Input/LPC	1
8	Compressor 2 HPC Lockout	2
9	Compressor 2 LPC Lockout	2
10	Comp 2 Disable Input/LPC	1
11	Smoke Detector	2
12	Heat Fail	2
13	Dirty Filter	1
14	Supply Fan Fail	2
15	Emergency Stop Input	2
16	FroStat™ Trip	1
17	Unit Comm Fail	2
18	Mixed Air Temp Sensor Fail (Optional)	1
19	OA Rel Humidity Fail (Optional)	1
20	RA Temp Sensor Fail (Optional)	1
21	RA Rel Humidity Fail (Optional)	1
22	Coil Temperature Sensor Fail (Heat Pump only)	2
23	Demand Defrost Fault A (Heat Pump only)	2
24	Demand Defrost Fault B (Heat Pump only)	2
25	Demand Defrost Fault C (Heat Pump only)	2
26	Demand Defrost Fault D (Heat Pump only)	2
27	Defrost Default Mode (Heat Pump only)	2
28	Local Cooling Setpt Failure (Optional)	1
29	Local Heating Setpt Failure (Optional)	1
30	Vent Override – Purge (Optional)	1
31	Vent Override – Exhaust (Optional)	1
32	Vent Override – Pressurize (Optional)	1
33	External Auto / Stop (Optional)	1
34	Freeze Stat Tripped (Optional)	1
35	Discharge Temp Sensor Fail (Optional)	1
36	CO2 Sensor Failure (Optional)	1
37	CO2 Setpoint Failure (Optional)	1
38	Dehumid Sensor Failure (Optional)	1
39	Dehumid Setpoint Failure (Optional)	1
40	Outdoor Air CFM Sensor Fail (Optional)	1
41	Outdoor Air CFM Setpt Fail (Optional)	1
42	Space Pressure Setpt Fail (Optional)	1
43	Space Pressure Sensor Fail (Optional)	1
44	Heating High Temp Limit Open	2
45	Flame Rollout Switch Open	2
46	Inducer Proving Switch Fail	2
47	No Flame Sensed on Heat Call	2
48	Flame Sensed w/Gas Valve Off	2
49	Gas Heat Module Failure	2
50	Economizer Actuator Fault	1
51	Comp 1 Disable Input/HPC	1
52	Comp 2 Disable Input/HPC	1
53	Power-Up Wait	P

Table 4 Input/Output Module (MP503) Status and Setup points

No.	Description	Status	Setup	Factory Default Value	Editable
1	Custom Name	X	X	Unit ID number	Yes
2	Communication State	X		N/A	
3	Device ID Number	X		Factory Assigned	
4	Universal Input 1-4 Status	X		Temp/CO2/RH/Binary Value	
5	Binary Output 1-4 Status	X		Energized/De-energized	
	Universal Input Setup		X	Temp/CO2/RH/Binary	Yes
	Binary Output Setup		X	Min. ON/OFF timers, comm. loss state	Yes
	Binary Output 1-4 program State	X	X	N/A	