SIEMENS

Systems Integration

N2 Solution to TCS/Basys Thermostat (SZ1022N)

Table 1. TCS/Basys Thermostat SZ1022N Point Map, Application 5806.

Point	Type	Subpoint Name	Description	Reference	Range/Units[a,b,c]	Slp[c]	Int[c]
1	LAO	ADDRESS	Device Address	—	—	1.0	0
2	LAO	APPLICATION	Application Number	—	5806	1.0	0
3	LAO	DI2 MODE	DI2 Control Mode	ADI-1	—	1.0	0
4	LAO	DI3 MODE	DI3 Control Mode	ADI-2	—	1.0	0
5	LAO	OCC FAN MODE	Occupied Fan Mode	ADI-3	—	1.0	0
6	LAO	SYSTEM MODE	System Mode	ADI-4	0=Off 1=Auto 2=Heat 3=Cool	1.0	0
7	LAO	CLOCK DAY	Internal Time Clock Day	ADI-5	day	1.0	0
8	LAO	CLOCK HOURS	Internal Time Clock Hours	ADI-6	hrs	1.0	0
9	LAO	SETPT LIMIT	Setpoint Adjust Limit From Keypad	ADI-7	°F	1.0	0
10	LAO	DIFF CLG 1	Differential For Cool Stage 1	ADI-8	°F	1.0	0
11	LAO	OFFSET CLG 1	Offset For Cool Stage 1	ADI-9	°F	1.0	0
12	LAO	DIFF CLG 2	Differential For Cool Stage 2	ADI-10	°F	1.0	0
13	LAO	OFFSET CLG 2	Offset For Cool Stage 2	ADI-11	°F	1.0	0
14	LAO	DIFF HTG 1	Differential For Heat Stage 1	ADI-12	°F	1.0	0
15	LAO	OFFSET HTG 1	Offset For Heat Stage 1	ADI-13	°F	1.0	0
16	LAO	DIFF HTG 2	Differential For Heat Stage 2	ADI-14	°F	1.0	0
17	LAO	OFFSET HTG 2	Offset For Heat Stage 2	ADI-15	°F	1.0	0
18	LAO	DIFF HTG 3	Differential For Stage 3	ADI-16	°F	1.0	0
19	LAO	OFFSET HTG 3	Offset For Stage 3	ADI-17	°F	1.0	0
20	LAO	SETPT SHIFT	Setpoint Shift Value	ADI-18	°F	1.0	0
21	LAO	CLOCK SECOND	Internal Time Clock Second	ADI-19	secs	1.0	0

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Table 1. TCS/Basys Thermostat SZ1022N Point Map, Application 5806. ***(continued)***

Point	Type	Subpoint Name	Description	Reference	Range/Units[a,b,c]	Slp[c]	Int[c]
22	LAO	CLOCK MINUTE	Internal Time Clock Minute	ADI-20	mins	1.0	0
23	LAO	OCC HTG SET	Occupied Heating Setpoint	ADI-21	°F	1.0	0
24	LAO	UNOCC HTG SP	Unoccupied Heating Setpoint	ADI-22	°F	1.0	0
25	LAO	OCC CLG SP	Occupied Cooling Setpoint	ADI-23	°F	1.0	0
26	LAO	UNOCC CLG SP	Unoccupied Cooling Setpoint	ADI-24	°F	1.0	0
27	LAI	ROOM TEMP	Room Temperature	ADI-25	°F	1.0	0
28	LAO	DA LOW LIMIT	Discharge Air Low Limit	ADI-26	°F	1.0	0
29	LAO	DA HI LIMIT	Discharge Air High Limit	ADI-27	°F	1.0	0
30	LAI	DA TEMP	Discharge Air Temperature	ADI-28	°F	1.0	0
31	LAO	OVRD TIME	Override Period	ADI-29	mins	1.0	0
32	LAO	PWR ON DELAY	Power On Delay Time	ADI-30	secs	1.0	0
33	LAI	REM OVRD TIM	Remaining Override Time	ADI-31	mins	1.0	0
34	LAI	SETPT ADJ	Current User Setpoint Adjust	ADI-32	°F	1.0	0
35	LAO	M OCC STRT1	Monday Occupied Start Time	ADI-33	mins	1.0	0
36	LAO	M OCC STOP1	Monday Occupied End Time	ADI-34	mins	1.0	0
37	LAO	M OCC STRT2	Monday Occupied Start Time	ADI-35	mins	1.0	0
38	LAO	M OCC STOP2	Monday Occupied End Time	ADI-36	mins	1.0	0
39	LAO	TU OCC STRT1	Tuesday Occupied Start Time	ADI-37	mins	1.0	0
40	LAO	TU OCC STOP1	Tuesday Occupied End Time	ADI-38	mins	1.0	0
41	LAO	TU OCC STRT2	Tuesday Occupied Start Time	ADI-39	mins	1.0	0
42	LAO	TU OCC STOP2	Tuesday Occupied End Time	ADI-40	mins	1.0	0
43	LAO	W OCC STRT1	Wednesday Occupied Start Time	ADI-41	mins	1.0	0
44	LAO	W OCC STOP1	Wednesday Occupied End Time	ADI-42	mins	1.0	0
45	LAO	W OCC STRT2	Wednesday Occupied Start Time	ADI-43	mins	1.0	0

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Table 1. TCS/Basys Thermostat SZ1022N Point Map, Application 5806. *(continued)*

Point	Type	Subpoint Name	Description	Reference	Range/Units[a,b,c]	Slp[c]	Int[c]
46	LAO	W OCC STOP2	Wednesday Occupied End Time	ADI-44	mins	1.0	0
47	LAO	TH OCC STRT1	Thursday Occupied Start Time	ADI-45	mins	1.0	0
48	LAO	TH OCC STOP1	Thursday Occupied End Time	ADI-46	mins	1.0	0
49	LAO	TH OCC STRT2	Thursday Occupied Start Time	ADI-47	mins	1.0	0
50	LAO	TH OCC STOP2	Thursday Occupied End Time	ADI-48	mins	1.0	0
51	LAO	F OCC STRT1	Friday Occupied Start Time	ADI-49	mins	1.0	0
52	LAO	F OCC STOP1	Friday Occupied End Time	ADI-50	mins	1.0	0
53	LAO	F OCC STRT2	Friday Occupied Start Time	ADI-51	mins	1.0	0
54	LAO	F OCC STOP2	Friday Occupied End Time	ADI-52	mins	1.0	0
55	LAO	SA OCC STRT1	Saturday Occupied Start Time	ADI-53	mins	1.0	0
56	LAO	SA OCC STOP1	Saturday Occupied End Time	ADI-54	mins	1.0	0
57	LAO	SA OCC STRT2	Saturday Occupied Start Time	ADI-55	mins	1.0	0
58	LAO	SA OCC STOP2	Saturday Occupied End Time	ADI-56	mins	1.0	0
59	LAO	SU OCC STRT1	Sunday Occupied Start Time	ADI-57	mins	1.0	0
60	LAO	SU OCC STOP1	Sunday Occupied End Time	ADI-58	mins	1.0	0
61	LAO	SU OCC STRT2	Sunday Occupied Start Time	ADI-59	mins	1.0	0
62	LAO	SU OCC STOP2	Sunday Occupied End Time	ADI-60	mins	1.0	0
63	LDO	DI1 MODE	DI1 Control Mode	BD-1	Off/On	1.0	0
64	LDO	UNOCC FAN MD	Unoccupied Fan Mode	BD-2	Off/On	1.0	0
65	LDO	ENBL OCC FAN	Enable Occupied Fan Switch	BD-3	No/Yes	1.0	0
66	LDO	SYSTM SWITCH	Enable System Switch	BD-4	Disable/Enable	1.0	0
67	LDO	USE DA SENSR	Use Of Discharge Air Sensor	BD-5	No/Yes	1.0	0

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Table 1. TCS/Basys Thermostat SZ1022N Point Map, Application 5806. *(continued)*

Point	Type	Subpoint Name	Description	Reference	Range/Units[a,b,c]	Slp[c]	Int[c]
68	LDO	SMRT RECVERY	Enable Smart Recovery Routine	BD-6	Disable/Enable	1.0	0
69	LDO	REQ CDE PROG	Require Access Code For Programming	BD-7	No/Yes	1.0	0
70	LDO	REQ CDE CLCK	Require Access Code For Clock	BD-8	Off/On	1.0	0
71	LDO	CLG STAGE 2	Enable Cool Stage 2	BD-9	Disable/Enable	1.0	0
72	LDO	HTG STAGE 1	Enable Heat Stage 2	BD-10	Disable/Enable	1.0	0
73	LDO	STAGE 3	Enable Stage 3	BD-11	Disable/Enable	1.0	0
74	LDO	STG 3 ACTION	Stage 3 Action	BD-12	Off/On	1.0	0
75	LDO	CLOCK RELAY	Time Clock Relay Output	BD-13	Open/Close	1.0	0
76	LDO	CONTROL MODE	Control Mode	BD-14	Off/On	1.0	0
77	LDO	DI1 SOURCE	DI1 Source	BD-15	Local/Remote	1.0	0
78	LDO	DI2 SOURCE	DI2 Source	BD-16	Local/Remote	1.0	0
79	LDO	DI3 SOURCE	DI3 Source	BD-17	Local/Remote	1.0	0
80	LDO	OVRD FUNC	Override Function Source	BD-18	Local/Remote	1.0	0
81	LDO	FAN SOURCE	Fan Relay Source	BD-19	Local/Remote	1.0	0
82	LDO	REMOTE DI1	Remote DI1 Request	BD-20	Off/On	1.0	0
83	LDO	REMOTE DI2	Remote DI2 Request	BD-21	Off/On	1.0	0
84	LDO	REMOTE DI3	Remote DI3 Request	BD-22	Off/On	1.0	0
85	LDO	REMOTE OVRD	Remote Override Request	BD-23	Off/On	1.0	0
86	LDO	REMOTE FAN	Remote Fan Request	BD-24	Off/On	1.0	0
87	LDI	HTGSTG1 STAT	Heat Stage 1 Relay Status	BD-25	Off/On	1.0	0
88	LDI	HTGSTG2 STAT	Heat Stage 2 Relay Status	BD-26	Off/On	1.0	0
89	LDI	CLGSTG1 STAT	Cool Stage 1 Relay Status	BD-27	Off/On	1.0	0
90	LDI	CLGSTG2 STAT	Cool Stage 2 Relay Status	BD-28	Off/On	1.0	0
91	LDI	FAN STATUS	Fan Relay Status	BD-29	Off/On	1.0	0
92	LDI	STG3 STATUS	Stage 3 Relay Status	BD-30	Off/On	1.0	0
93	LDI	CLOCK STATUS	Time Clock Relay Status	BD-31	Off/On	1.0	0
94	LDI	DI1 STATUS	DI1 Status	BD-32	Off/On	1.0	0
95	LDI	DI2 STATUS	DI2 Status	BD-33	Off/On	1.0	0
96	LDI	DI3 STATUS	DI3 Status	BD-34	Off/On	1.0	0
97	LDI	OVRD STATUS	Override Status	BD-35	Off/On	1.0	0

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Table 1. TCS/Basys Thermostat SZ1022N Point Map, Application 5806. ***(continued)***

Point	Type	Subpoint Name	Description	Reference	Range/Units[a,b,c]	Slp[c]	Int[c]
98	LDI	DEV STATUS	Device’s Occupied Status	BD-36	Occ/Unocc	1.0	0
99	LDI	SRVCE STATUS	Service Status	BD-37	OK/Fault	1.0	0
100	LDI	FAN INTLOCK	Fan Interlock Status	BD-38	OK/Fault	1.0	0
101	LDI	FILTER STAT	Filter Service Status	BD-39	Clean/Dirty	1.0	0
102	LDI	DA HI ALARM	Discharge Air High Limit	BD-40	OK/Fault	1.0	0
103	LDI	DA LO ALARM	Discharge Air Low Limit	BD-41	OK/Fault	1.0	0
104	LDI	DI2 SRV STAT	DI2 Service Status	BD-42	OK/Fault	1.0	0

[a] Values noted for LDIs and LDOs are in the following format: OFF text/ON text.

[b] This column indicates the value/range or engineering units or both if known.

[c] The default English value is not italicized. An italicized entry indicates an SI value.

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